Directory of Transportation Education.
Department of Transportation, Washington, D.C.
Sep 76
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Aviation Education Office, Office of General Aviation, Federal Aviation Administration, Washington, D.C. 20591 (free)
MF-$0.83 HC-$11.37 Plus Postage.
*College Curriculum; Courses; Curriculum; *Directories; Education; Environmental Education; *Higher Education; *Transportation
This directory lists institutions of higher education that offer degree and non-degree programs in various transportation fields and modes, including aviation, highway, urban mass transportation, railroad, water transport, pipeline, intermodal, and environmental and consumer education. The book catalogs courses and degrees offered, names of department chairmen, addresses, and phone numbers. It is divided into two sections, one identifying courses offered as part of degree programs and the second covering seminars, workshops, and institutes. (DT)
directory of transportation education

Institutions offering programs at degree and non-degree levels, including seminars, institutes, and workshops.

United States Department of Transportation
Office of the Secretary
Washington, D.C. 20590
September 1976
directory of transportation education
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The first edition of this directory lists post-secondary institutions in the United States that offer: (1) degree-level programs in transportation and related areas, and (2) regularly scheduled transportation and related seminars, workshops or institutes (such as summer aerospace education workshops). All modes are included: air, highway, pipelines, rail, water, urban/mass transportation and intermodal.

This publication also contains transportation-oriented specialty or emphasis areas including but not limited to such disciplines as environmental sciences and engineering, noise abatement, structures, hydraulics, management, regional and city planning, mass transit, sanitary engineering, traffic engineering, reliability engineering, safety, economics and consumer education.

This publication was prepared jointly by the Aviation Education Programs Division staff, Federal Aviation Administration, (AGA-300) and the Office of Public Affairs of the U.S. Department of Transportation. The Aviation Education Programs Division prepared the questionnaire and developed the format for this publication. The Office of Public Affairs was responsible for the final preparation for publication. The Federal Highway Administration provided the project with the expertise and support to make the information retrievable by computer, thus permitting rapid updating of information plus versatility in computer records and processing.

Appreciation is also expressed to the Education Sub-Committee of the National Defense Transportation Association for its assistance in developing the questionnaire and its willingness to help disseminate the directory through its channels of communication.

Finally, appreciation is expressed to representatives from the Federal Highway Administration, the Office of the Secretary, the National Highway Traffic Safety Administration, the Urban Mass Transportation Administration, and the U.S. Coast Guard for their inputs to the questionnaire and the format of information presented in the directory.

Oliver H. Laine, Project Officer
Aviation Education Programs Division
Federal Aviation Administration

C. Ramon Greenwood, Assistant to the Secretary and Director of Public Affairs
U.S. Department of Transportation
Introduction

Arrangement of Data

In Sections A and B, the institutions are listed numerically according to the Federal Interagency Committee on Education (FICE) code and are grouped by states alphabetically. When there is more than one division or department offering a program in transportation, each division or department is separated by the last digit in the institution. In each listing, the person to be contacted for information is listed along with a telephone number and the area code.

Program information is presented differently for Sections A and B.

Section A (Degree Level Programs)

Each institutional listing includes one or more specific academic offerings along with letter codes to indicate its relationship to a particular mode of transportation or area of emphasis and the degree level for each offering.

Section B (Seminars, Institutes, Workshops, etc.)

Each institutional listing for its program offering includes frequency of offering, period in academic year when normally offered, mode of transportation to which it pertains, and whether a certificate is awarded for completion of the program.

The FICE Code

The primary utility of the FICE code is the precise identification of a particular institution (the first seven digits) and of a particular division or department in that institution (the last digit). This number permits computer recording and processing, thus permitting rapid updating of the information in the directory.

The Modal Index at the end of the book lists institutions offering courses, workshops and seminars by type of mode. For example, those institutions offering courses dealing with aviation are listed together. In order to locate an institution listed in the index, refer to the FICE code number.
Symbols and Abbreviations

The following is a listing of the symbols and abbreviations used in the directory. A single letter is used to describe the modes of transportation covered by each school's programs as well as degree levels offered. The mode and degree level designations are represented by capital letters.

### Mode
- **A** - Air
- **C** - Consumer education
- **E** - Environmental/air quality/noise
- **H** - Highway
- **I** - Intermodal
- **P** - Pipeline
- **R** - Rail
- **U** - Urban/mass transportation
- **W** - Water

### Degree Level
- **A** - Associate
- **B** - Baccalaureate
- **C** - Certificate/Diploma
- **D** - Doctorate
- **M** - Masters
- **O** - Other

### Miscellaneous Abbreviations
- **Admin.** - Administration
- **AASHTO** - American Assn. of State Highway & Transportation Officials
- **Asst.** - Assistant
- **A & P** - Airframe & Powerplant
- **Math** - Mathematics
- **Ext.** - Extension
- **T & T** - Traffic & Transportation
- **ARBA** - American Road Builders Association
- **CAP** - Civil Air Patrol
- **AOPA** - Aviation Owner & Pilots Association
- **HUFSAM** - Highway Users Federation for Safety and Mobility
Section A—Degree Level Programs

01010021
ALABAMA A&M UNIVERSITY
School of Technology
Normal, Alabama 35762
Dr. J. R. Jenkins
Dean, School of Technology
(205) 859-7320 Ext. 325

Program Mode Degree
Civil Engineering Technology H A,B
Mechanical Engineering Technology H A,B

01010041
UNIVERSITY OF MONTEVALLO
Department of Traffic Education
Traffic Safety Center, University of Montevallo
Montevallo, Alabama 35115
Professor John C. Draper, Jr.
Director
(205) 665-1746

Program Mode Degree
Teacher Preparation For Driver Education H M
Motorcycle Instruction H C
School Bus Transportation Instruction H O
Recreational Vehicle Instruction H O
Evasive Driving Instruction H C
Teacher Preparation in Elem. and General School Safety H C

01010071
ALEXANDER CITY STATE JUNIOR COLLEGE
Pre-Engineering
Alexander City, Alabama 35010
Charles A. Farrow
Dean of Instruction
(205) 234-6346

Program Mode Degree
Pre-Engineering I A

01010091
AUBURN UNIVERSITY
Department of Marketing & Transportation
School of Business
162 Wilmore
Auburn, Alabama 36830
Clinton A. Baker
Department Head
(205) 826-4035

Program Mode Degree
Professional Transportation Option (Major) I B,M

01010092
AUBURN UNIVERSITY
Aerospace Engineering
162 Wilmore
Auburn, Alabama 36830

01010092  Continued
Professor Robert G. Pitts
Department Head
(205) 826-4874

Program Mode Degree
Aerospace Engineering A B,M,D
Aviation Management A B

01010093
AUBURN UNIVERSITY
School of Aviation
700 Airport Rd.
Auburn, Alabama 36830
Professor Gary W. Kiteley
Associate Director
(205) 826-4599

Program Mode Degree
Aviation Management Professional Flight Option A B
Private Pilot Airplane A C
Commercial Pilot Airplane A C
Instrument Rating Airplane A C
Flight Instructor Airplane A C
Multi-Engine Rating Airplane A C
Airline Transport Pilot Airplane A C
Basic Ground School A C
Advanced Ground School A C
Instrument Ground School A C

01010171
GADSDEN STATE JUNIOR COLLEGE
George Wallace Drive
Gadsden, Alabama 35903
Aviation Program Director
(202) 546-0484

Program Mode Degree
Pilot Training A O

01010221
JEFFERSON STATE JR. COLLEGE
Division Vocational Education
2601 Carson Rd.
Birmingham, Alabama 35215
Richard W. Remmert
Program Coordinator
(205) 853-1200

Program Mode Degree
Traffic Management I C,A
Transportation Management I C,A
Private Flight Training A O

01010301
S. D. BISHOP STATE JUNIOR COLLEGE
Office of the Registrar
351 North Broad Street
Mobile, Alabama 36603
<table>
<thead>
<tr>
<th>Code</th>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tr>
<td>01010301</td>
<td>Marjorie C. Dillard</td>
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<td></td>
<td>Registrar</td>
<td></td>
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<tr>
<td></td>
<td>205-433-7476</td>
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### TROY STATE UNIVERSITY

**Department of Applied Science**

Troy, Alabama 36081

R. L. Weekes

Director of Applied Science

(205) 255-4935

<table>
<thead>
<tr>
<th>Program</th>
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<tbody>
<tr>
<td>Aviation Operations Management</td>
<td>A</td>
<td>A,B</td>
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<tr>
<td>Aircraft Maintenance Management</td>
<td>A</td>
<td>B</td>
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<tr>
<td>Aviation Electronics Management</td>
<td>A</td>
<td>B</td>
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<tr>
<td>Air Traffic Control Management</td>
<td>A</td>
<td>A,B</td>
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### UNIVERSITY OF ALABAMA

**College of Commerce and Business Administration**

University, Alabama 35469

Dr. Stanley J. Hille

Alabama Trucking Association Transportation Chair Professor

(205) 348-6100

<table>
<thead>
<tr>
<th>Program</th>
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<th>Degree</th>
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### UNIVERSITY OF ALABAMA

**University, Alabama 35486**

Dr. John Ball

Head, Aviation Program

(205) 348-6010

<table>
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<tr>
<th>Program</th>
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<tr>
<td>Aerospace Engineering</td>
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### UNIVERSITY OF ALABAMA

**College of Engineering-Extension Services**

P.O. Box 1466

Tuscaloosa, Alabama 35486

Aviation Program Director

(205) 348-6010

<table>
<thead>
<tr>
<th>Program</th>
<th>Mode</th>
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<tbody>
<tr>
<td>Aviation Ground School</td>
<td>A</td>
<td>O</td>
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### UNIVERSITY OF SOUTH ALABAMA

**Dept. of Civil Engineering**

307 University Blvd.

Mobile, Alabama 36688

Dr. William Zehrt

Chairman of Dept.

(205) 460-6421

<table>
<thead>
<tr>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Highway Engineering</td>
<td>H</td>
<td>B</td>
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<tr>
<td>Route Surveying</td>
<td>H</td>
<td>B</td>
</tr>
<tr>
<td>Highway Bridges and Culverts</td>
<td>W</td>
<td>B</td>
</tr>
<tr>
<td>Hydraulics</td>
<td>W</td>
<td>B</td>
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### UNIVERSITY OF SOUTH ALABAMA

**Dept. of Continuing Education**

307 University Blvd.

Mobile, Alabama 36688

Ms. Pamela M. McDermott

Director of Flight Training

(205) 460-6283

<table>
<thead>
<tr>
<th>Program</th>
<th>Mode</th>
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<td>Basic Aviation Ground School</td>
<td>A</td>
<td>C</td>
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<tr>
<td>Private Pilot Flight Training</td>
<td>A</td>
<td>C</td>
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### AUBURN UNIVERSITY AT MONTGOMERY

**Division of Business**

Montgomery, Alabama 36109

Dr. William D. Clark

Division Chairman

(205) 279-9110 Ext. 241

<table>
<thead>
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<th>Program</th>
<th>Mode</th>
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<tr>
<td>Transportation Major</td>
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### LURLEEN B. WALLACE STATE JR. COLLEGE

Hwy. 84 Bypass

Andalusia, Alabama 36420

Charles L. Viverette

Dean of Instruction

(205) 222-6591 Ext. 213

<table>
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<tr>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Pilot Ground School</td>
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<td>O</td>
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### CALHOUN COMMUNITY COLLEGE

**Engineering & Technology**

H.D. 2216

Decatur, Alabama 35601

Walter M. Cannizzo

Chairman, Engineering and Technology Division

(205) 355-3102 Ext. 239

<table>
<thead>
<tr>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Engineering (General)</td>
<td>I</td>
<td>A</td>
</tr>
<tr>
<td>Traffic &amp; Transportation Technology</td>
<td>I</td>
<td>A</td>
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### Degree Level Programs

#### ALABAMA AVIATION AND TECHNICAL COLLEGE
**Technical College**
Highway 231 South
Ozark, Alabama 36360
Louis R. Birkmeyer
Dean of Instruction
(205) 774-5113 Ext. 25

<table>
<thead>
<tr>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Aviation Maintenance Technology</td>
<td>A</td>
<td>C,A</td>
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<tr>
<td>Advanced Aircraft Maintenance and Management Technology</td>
<td>A</td>
<td>C,A</td>
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<tr>
<td>General Aviation Technology</td>
<td>A</td>
<td>C,A</td>
</tr>
<tr>
<td>Avionics</td>
<td>A</td>
<td>C,A</td>
</tr>
<tr>
<td>Auto Mechanics</td>
<td>H</td>
<td>C,A</td>
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#### COCHISE COLLEGE
**Aviation Technology**
Douglas, Arizona 85607
Lee Oppenheim
Chief Flight Instructor
(602) 364-3451 Ext. 302 and 309

<table>
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<tr>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Airframe and Powerplant Technology</td>
<td>A</td>
<td>A</td>
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<tr>
<td>Air Traffic Control (Pending)</td>
<td>A</td>
<td>A</td>
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<tr>
<td>Aviation Management</td>
<td>A</td>
<td>A</td>
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<tr>
<td>Avionics</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Professional Pilot Technology</td>
<td>A</td>
<td>A</td>
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#### SHELDON JACKSON COLLEGE
**Flight Program**
Box 479
Sitka, Alaska 99835
Glenn Vaughn
Director of Flight Program
(907) 747-5233

<table>
<thead>
<tr>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Ground School: Private, Commercial, Instrument</td>
<td>A</td>
<td>A,B</td>
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<tr>
<td>Flight: Private,commercial, Instrument, Seaplane</td>
<td>A</td>
<td>A</td>
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#### MESA COMMUNITY COLLEGE
**Maricopa Community College System,**
**Division of Continuing Education**
1833 W. Southern Ave.
Mesa, Arizona 85202
Dr. Roger Worsley
Dean of Continuing Education
(602) 833-1261

<table>
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<tr>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tr>
<td>Aeronautics (Flight Training)</td>
<td>A</td>
<td>C</td>
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<tr>
<td>Automotive Technology</td>
<td>H</td>
<td>A</td>
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#### YAVAPAI COMMUNITY COLLEGE
**Propulsion Technology**
1100 East Sheldon Street
Prescott, Arizona 86301
Ray L. Kiel
(602) 445-7300

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<thead>
<tr>
<th>Program</th>
<th>Mode</th>
<th>Degree</th>
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<tr>
<td>Aviation Ground</td>
<td>A</td>
<td>C</td>
</tr>
<tr>
<td>Aviation Flight Training</td>
<td>A</td>
<td>C</td>
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<tr>
<td>Automotive Mechanics</td>
<td>H</td>
<td>C,A</td>
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<tr>
<td>Diesel Mechanics</td>
<td>H</td>
<td>C,A</td>
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<tr>
<td>Small Engine Mechanics</td>
<td>H</td>
<td>C,A</td>
</tr>
<tr>
<td>Hydraulics</td>
<td>H</td>
<td>A</td>
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04010811
ARIZONA STATE UNIVERSITY
College of Business Administration
Tempe, Arizona 85281
Dr. Martin T. Farris
Professor of Transportation
(602) 965-5001

Program Mode Degree
Transportation I B,M,D
Civil Engineering H B,M,D
Engineering Science: Astronautics and Aeronautics A B
Urban Systems Engineering U B

04010812
ARIZONA STATE UNIVERSITY
Division of Technology
Tempe, Arizona 85281
Frank Cox
Department Chairman
(602) 965-7775

Program Mode Degree
Aerospace Technology A B
Air Transportation Management A B
Flight Technology A B
Aeronautical Engineering Technology A B
Technical Education (Aeronautics Emphasis) A B,M

04010813
ARIZONA STATE UNIVERSITY
Department of Civil Engineering
Tempe, Arizona 85281
Judson S. Matthias
Associate Professor of Engineering
(602) 965-3589

Program Mode Degree
Structural Engineering I B,M,D
Transportation Engineering I B
Traffic Engineering H B,M,D
Urban Transportation Planning I M,D
Highway Economics & Planning H M,D
Airport Planning & Design A M,D
Pavement Design A M,D
City Planning I B,M,D
Geometric Design of Highways H B,M,D
Hydraulics I B,M
Hydrology I B,M
Soils I B,M,D
Materials I B

04010821
NORTHERN ARIZONA UNIVERSITY
College of Public and Environmental Service
Flagstaff, Arizona 86001
Dr. Richard O. Davies
Dean
(623) 523-2672

04010821 Continued
Program Mode Degree
Transportation (Minor) I B
Transportation Planning I B

04010831
THE UNIVERSITY OF ARIZONA
Aerospace and Mechanical Engineering Dept.
Tucson, Arizona 85721
L. B. Scott, Jr.
Professor and Head
(602) 884-2237

Program Mode Degree
Aviation Pilot Training A B
Flight Test Engineering A M
Automotive Propulsion Systems H B

05010981
HENDERSON STATE COLLEGE
School of Natural Science & Math.
Arkadelphia, Arkansas 71923
Aviation Program Director
(501) 246-5511

Program Mode Degree
Aviation A B

05011081
UNIVERSITY OF ARKANSAS
Department of Marketing and Transportation
Business Administration Building 12-C
Fayetteville, Arkansas 72701
Dr. Grant M. Davis
Professor of Transportation
(501) 575-2754

Program Mode Degree
Transportation (Government, Marketing and Carrier) I B

05011101
WESTARK COMMUNITY COLLEGE
Division of Business
Box 3649
Fort Smith, Arkansas 72901
Paul R. Leggett
Chairman, Division of Business
(501) 785-4241 Ext. 245

Program Mode Degree
Transportation Technology I A

05990051
SOUTHWEST TECHNICAL INSTITUTE
Aviation Maintenance Technology
Box 45
East Camden, Arkansas 71701
05990051  Continued
Hoyle Mann
Director of Instruction
(501) 574-0741 Ext. 33
Program Mode Degree
Aviation Maintenance Technology A A

0601131
ANTELOPE VALLEY COLLEGE
Technology Division
3041 West Avenue K
Lancaster, California 93534
R. S. Wolfsohn
Coordinator of Career Education
(605) 943-3241
Program Mode Degree
Aerospace A A
Public Works (Streets & Highways) H C,A

0601151
ARMSTRONG COLLEGE
2222 Harold Way
Berkeley, California 94704
Albert Stetson
Director of Placement
(415) 848-2500
Program Mode Degree
Business Admin., Concentration in A,B Transportation Studies

0601161
ART CENTER COLLEGE OF DESIGN
Industrial Design Department
5353 W. 3rd
Los Angeles, California 90020
Keith Teter
Department Chairman
(213) 938-5166
Program Mode Degree
Transportation Design - Vehicles H B,M
Environmental Design E B,M

0601181
BAKERSFIELD COLLEGE
1801 Panorama Drive
Bakersfield, California 93305
Aviation Program Director
(605) 871-7120
Program Mode Degree
Aviation Ground School A O

06011311 Continued
Bradford Sturtevant
Professor of Aeronautics and Executive Officer
(213) 795-6811 Ext. 1751
Program Mode Degree
Aviation Ground School O,M,D
Mechanics of Fracture O,M,D
Aeronautical Engineering and Propulsion O,M,D
Aero Acoustics O,M,D

06011341
CALIFORNIA MARITIME ACADEMY
P O Box 1392
Vallejo, California 94590
Wilbur Parks
Academic Dean
(707) 642-4404
Program Mode Degree
Deck Officer Program W B
Engineering Officer Program W B

06011391
CALIFORNIA STATE UNIVERSITY AT LONG BEACH
Civil Engineering Department
6101 East 7th Street
Long Beach, California 90840
Dr. C. V. Chelapati
Department Chairman
(213) 498-5118
Program Mode Degree
Transportation Engineering I B,M
Urban Engineering I B,M
Structural Engineering U B,M
Environmental Engineering E B,M
Hydraulics and Coastal Engineering U B,M
Soil Mechanics and Foundations U B,M

06011392
CALIFORNIA STATE UNIVERSITY, LONG BEACH
Department of Geological Sciences
6101 E. 7th Street
Long Beach, California 90840
Dr. Paul J. Fritts
Department Chairman
(213) 498-4509
Program Mode Degree
General Geology I B,M
Following Emphasis: General Geology
Marine Geology M
Mineralogy-Petrology M
Paleontology-Stratigraphy P
Structural Geology
06011393
CALIFORNIA STATE UNIVERSITY, LONG BEACH
Industrial Education Department
6101 East Seventh Street
Long Beach, California 90840
Dr. Irwin T. Lathrop
Department Chairman
(213) 498-4681
Program Mode Degree
Industrial Education-Automotives H B

06011394
CALIFORNIA STATE UNIVERSITY, LONG BEACH
Marketing Dept., School of Business Administration
6101 E. Seventh Street
Long Beach, California 90840
Mr. Hubert Hall or Dr. Forrest E. Harding
Professors of Marketing
(213) 498-4769
Program Mode Degree
Traffic Management I B
Air Transportation A B
Seminar in Transportation I

06011395
CALIFORNIA STATE UNIVERSITY, LONG BEACH
Department of Geography
Long Beach, California 90840
John C. Kimura, Ph.D
Department Chairman
(213) 498-4977
Program Mode Degree
Urban Geography U B
Seminar in Urban Geography U M

06011401
CALIFORNIA STATE UNIVERSITY, LOS ANGELES
Marketing and Transportation Department
5151 State University Drive
Los Angeles, California 90032
Dr. Paul Mcalpin
Head of Transportation
(213) 224-3884
Program Mode Degree
Marketing and Physical Distribution C B,M
Commercial Transportation U B,M
Seminar in Modern Transportation U D,M
Seminar in Transportation Regulations U B,M

06011402
CALIFORNIA STATE UNIVERSITY, LOS ANGELES
Department of Civil Engineering
5151 State University Drive
Los Angeles, California 90032
Dr. Irving Kett
Assistant Professor
(213) 224-3554
Program Mode Degree
Transportation Engineering I B
Hydraulics I B,M
Soil Mechanics & Foundations I

06011402 Continued
Program Mode Degree
Structural Engineering I B,M
Transportation Engineering I B

06011431
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
Transportation Engineering Department
San Luis Obispo, California 93407
Dr. Andrew D. Jones
Professor & Head, Transportation Engineering Dept.
(805) 546-2947
Program Mode Degree
Transportation Engineering: Strs.; Hwys;
Transit; Traffic Engineering I B,M

06011432
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, California 93407
Head, Engineering Dept.
(805) 546-0111
Program Mode Degree
Aerospace Engineering A B

06011441
CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
School of Engineering
3801 West Temple Avenue
Pomona, California 91768
Rodney D. Sutherland
Associate Dean
(714) 598-4311
Program Mode Degree
Aerospace Engineering A B

06011461
CALIFORNIA STATE UNIVERSITY, CHICO
Engineering Division
Chico, California 95926
Elliott B. Johnson
Chairman, Division of Engineering
(916) 895-5342
Program Mode Degree
Transportation Engineering I B
Soil B
Materials H B
Structures H B
Hydrology I B
Planning I B
### SAN DIEGO STATE UNIVERSITY

**Department of Geography**
5402 College Avenue
San Diego, California 92115
E. A. Keen
Department Chairman
(714) 286-5440

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### SAN DIEGO STATE UNIVERSITY

**Department of Civil Engineering**
5402 College Avenue
San Diego, California 92182
Dr. Frank E. Stratton
Department Chairman
(714) 286-6072

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### SAN JOSE STATE UNIVERSITY

**Industrial Studies Department**
125 South Seventh Street
San Jose, California 95192
E. H. Darland
Director of Traffic Safety Education
(408) 277-3446

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### SAN JOSE STATE UNIVERSITY

**Civil Engineering**
San Jose, California 95192
Dr. William Blythe
Chairman
(408) 277-2488

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### CERRITOS COLLEGE

11110 E. Alondru Blvd.
Norwalk, California 90650
Aviation Program Director
(213) 860-2451

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### CHABOT COLLEGE

25555 Hesperian Boulevard
Hayward, California 94545
Robert G. Hunter
Associate Dean of Instruction
(415) 782-3000

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### CHAFFEY COMMUNITY COLLEGE

Aeronautics Department
5885 Haven Ave.
Alta Loma, California 91701
Charles H. Stark
Department Chairman
(714) 987-1737 Ext. 237

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### CITRUS COLLEGE

Vocational-Technical
Azusa, California 91702
Director, Airline Stewardess Program
(213) 335-0521

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### CITY COLLEGE OF SAN FRANCISCO

Department of Aeronautics
50 Ocean Ave.
San Francisco, California 94112
06011671  Continued
Alvar L. Waltz
Associate Director
(415) 877 0161
Program
Mode Degree
Aircraft Powerplant Maintenance A A
Technology
Aircraft Radio/Electric Maintenance A A
Technology
Aircraft Airframe Maintenance A A
Technology
Air Transportation A A
Traffic and Transportation I A
COMPTON COLLEGE
Compton, California 90221
Director, Airline Stewardess Program
(213) 635-8081
Program
Mode Degree
Airline Stewardess A A

06011911
DIABLO VALLEY COLLEGE
Pleasant Hill, California 94523
Director, Aeronautics Program
(415) 685-1230
Program
Mode Degree
Aeronautics A A

06011921
CUESTA COLLEGE
Vocational Education
Box J
San Luis Obispo, California 93406
Edwin M. Pearce
Director, Vocational Education
(805) 544-2943
Program
Mode Degree
Automotive Technology H A
Career Auto H C
Pollution Control H C
Wastewater Treatment W C

06011821
CYPRESS COLLEGE
Office of Instruction
9200 Valley View
Cypress, California 90630
Lyndon E. Taylor
Administrative Dean, Instruction
(714) 826 2220
Program
Mode Degree
Aeronautics--Commercial Pilot A A
Aeronautics--Aviation Management A A
Automotive--Body-Fender H C,A
Automotive--Servicing H C,A
Public Works Maintenance H C,A
Stewardess-Hostess A C,A

06011931
EL CAMINO COLLEGE
Torrance, California 90506
Director, Airline Stewardess Program
(213) 532-3670
Program
Mode Degree
Airline Stewardess Training A A
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<td>12345 El Monte Road</td>
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<td>Dr. Donald Leach</td>
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| **FULLERTON COLLEGE**  |
| Engineering  |
| 321 East Chapman Avenue  |
| Fullerton, California 92634 |
| Mr. Jaisohn Chunn  |
| Division Chairman  |
| (408) 871-8000 Ext. 57  |
| Program | Mode | Degree |
| Civil Engineering | H | A |

| **FULLERTON COLLEGE**  |
| Business Education  |
| 321 East Chapman Avenue  |
| Fullerton, California 92634 |
| Mr. Raymond Polentz  |
| Division Chairman  |
| (408) 871-8000 Ext. 63  |
| Program | Mode | Degree |
| Travel Agency Management | I | A |

| **GAVILAN COLLEGE**  |
| Aeronautics Dept.  |
| 5055 Santa Teresa Blvd.  |
| Gilroy, California 95020 |
| Fred R. Young  |
| Dept. Coordinator  |
| (408) 637-1151  |
| Program | Mode | Degree |
| Airframe Tech | A | A |
| Powerplant Tech | A | A |
| Ground School Tech | A | A |

| **GLENDALE COMMUNITY COLLEGE DISTRICT**  |
| Department of Aerospace Technology  |
| 1500 N. Verdugo Road  |
| Glendale, California 91208 |
| **GOLDEN WEST COLLEGE**  |
| Business Division, Coast Community College System  |
| 15744 Golden West Street  |
| Huntington Beach, California 92647 |
| William Layden  |
| Instructor  |
| (714) 892-7711  |
| Program | Mode | Degree |
| Transportation - Distribution | I | A |

| **GOLDEN WEST COLLEGE**  |
| Aeronautics  |
| 15744 Golden West Street  |
| Huntington Beach, California 92647 |
| Aviation Program Director  |
| (714) 892-7711  |
| Program | Mode | Degree |
| Auto Body and Frame Technology | H | A |
| Automotive Technology | H | A |

| Program | Mode | Degree |
| Aviation Ground School-Basic & Instrument | A | O |
06012081

GROSSMONT COMMUNITY COLLEGE
Vocational Education Department
8800 Grossmont College Drive
El Cajon, California 92020
C. Allen Paul
Dean of Technical-Vocational Education
(714) 465-1700 Ext. 248

06012091

HARTNELL COLLEGE
Technology
156 Homestead Avenue
Salinas, California 93901
Dr. David A. Lien
Associate Dean of Instruction-Careers
(408) 422-9606 Ext. 342

Program
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06011219

LONG BEACH CITY COLLEGE
Aeronautics Dept.
1335 East Pacific Coast Highway
Long Beach, California 90806
Mr. William Knight
Department Head
(213) 599-2421 Ext. 573

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06011221

EAST LOS ANGELES COLLEGE
Business Administration
5357 E. Brooklyn Ave.
Los Angeles, California 90022
Robert Sayette
Director of Occupational Education
(213) 263-7261 Ext. 425

Program
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06011223

LOS ANGELES VALLEY COLLEGE
Los Angeles Community College System
46000 fulton ave
Yarn Naya, California 91401
(213) 781-1200

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06012231

LOS ANGELES CITY COLLEGE
Transportation, Travel, Tourism Department
855 North Vermont Ave.
Los Angeles, California 90068

06012231 Continued

Professor John E. Tonkovich
Department Head
(213) 663-9141 Ext. 338

Program
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06012261

LOS ANGELES PIERCE COLLEGE
6201 Winnetka Ave.
Woodland Hills, California 91364
Aviation Program Director
(213) 347-0551

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06012271

LOS ANGELES TRADE-TECHNICAL COLLEGE
Evening Division
400 West Washington Blvd
Los Angeles, California 90015

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06012281

SACRAMENTO CITY COLLEGE
Sacramento, California 95822
Aviation Program Director
(916) 445-531
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**MERCED COLLEGE**

3800 M Street
Merced, California 95340
Aviation Program Director
(209) 723-4321

**Program**

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**YOSEMITE JUNIOR COLLEGE DISTRICT-MODESTO CAMPUS**

College Avenue
Modesto, California 95350
Aviation Program Director
(209) 524-1431

**Program**

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**MONTEREY PENINSULA COLLEGE**

980 Fremont St.
Monterey, California 93940
Aviation Program Director
(408) 375-9621

**Program**

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**MT. SAN ANTONIO COLLEGE**

Aeronautics and Transportation
1100 North Grand Ave.
Walnut, California 91789
Stewart M. Angle
Department Chairman
(714) 595-2211

**Program**

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**MT. SAN JACINTO COLLEGE**

P.O. Box 248
Gilman Hot Springs, California 92340
Aviation Program Director
(714) 654-7321

**Program**

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**NORTHROP INSTITUTE OF TECHNOLOGY**

College of Engineering Aviation Technician School
1155 W. Arbor Vitae Street
Inglewood, California 90306

**Program**

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**ORANGE COAST COLLEGE, COAST COMMUNITY COLLEGE SYS.**

Technology Division
2701 Fairview Road
Costa Mesa, California 92626

**Program**

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**PALOMAR COLLEGE**

San Marcos, California 92069
Kent Backart
(714) 744-1150

**Program**

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**PASADENA CITY COLLEGE**

Department of Engineering & Technology
1570 E. Colorado Blvd.
Pasadena, California 91106

**Program**

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Degree Level Programs

06012802  Continued
Aviation Program Director
(209) 466-2631
Program Mode Degree
Aviation Ground School A O

06012851
SANTA BARBARA CITY COLLEGE
Santa Barbara Community College District
721 Cliff Drive
Santa Barbara, California 93109
Burton D. Miller
Program to the Superintendent-President
(805) 965-0581 Ext. 369
Program Mode Degree
Automotive Service H A

06012852
SANTA BARBARA CITY COLLEGE
721 Cliff Drive
Santa Barbara, California 93109
Aviation Program Director
(805) 965-0581
Program Mode Degree
Aviation Ground School A O

06012871
SANTA ROSA JUNIOR COLLEGE
1501 Mendocino Ave.
Santa Rosa, California 95401
John J. Healy
Program Mode Degree
Dean, Adult and Continuing Education (707) 542-0315
Aviation Ground School A O
Environmental Studies E A
Automotive Mechanics H A

06012891
SHASTA-TEHAMA-TRINITY JOINT COMMUNITY COLLEGE
Office of Vocational Education
1065 N. Old Oregon Trail
Redding, California 96001
Lloyd L. Livingston
Program Mode Degree
Dean of Vocational Education (916) 241-3523 Ext. 307
Auto Mechanics H A
Aeronautics: Airframe and Power Mechanics A A
Heavy Duty Mechanics H A
Power Equipment Mechanics H A
Consumer Education C O
Natural Resources I A

06012901
SIERRA COLLEGE
5000 Rocklin Road
Rocklin, California 95677
Aviation Program Director
(916) 624-3333
Program Mode Degree
Aviation Ground School A O

06012921
SOLANO COMMUNITY COLLEGE
Vocational Department
292a Suisun Valley Road, P.O. Box 246
Suisun City, California 94585
Carl Everett
Division Chairman
(707) 422-4750
Program Mode Degree
Aeronautics (Airframe Maintenance Technician) A C,A
Aeronautics (Powerplant Maintenance Technician) A C,A

06012941
SOUTHWESTERN COLLEGE
Technology Department
900 Otay Lakes Road
Chula Vista, California 92010
Dr. Allan MacDougall
Program Mode Degree
Research Coordinator (714) 420-1082 Ext. 281
Aeronautics A O,C
Airline and Travel Services I C
Automotive & Transportation Technology O,C

06013051
STANFORD UNIVERSITY
Stanford, California 94305
Chairman, Engineering Dept.
(415) 321-2300
Program Mode Degree
Aeronautics and Astronautics A M

06013071
FRESNO CITY COLLEGE, STATE CENTER JUNIOR COLLEGE SYSTEM
Business Division
1101 East University Avenue
Fresno, California 93741
### UNIVERSITY OF CALIFORNIA, DAVIS

#### Department of Civil Engineering
Davis, California 95616
Professor Leonard R. Herrmann
Department Chairman
(916) 752-0898

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### UNIVERSITY OF CALIFORNIA, IRVINE

#### Environmental & Resources Engineering
School of Engineering
Irvine, California 92664
A. Stubberud
Associate Dean
(714) 833-5985 or 833-5737

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<tr>
<td>Institute of Traffic &amp; Transportation Engineer</td>
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### UNIVERSITY OF CALIFORNIA, LOS ANGELES

#### Engineering and Applied Science (And Other Schools)
405 Hilgard Avenue
Los Angeles, California 90024
Professor Peter Likins
Assistant Dean
(213) 825-1196 or 825-1408
### Degree Level Programs

**06013151  Continued**

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**06013281  UNIVERSITY OF SOUTHERN CALIFORNIA**

Institute of Safety and Systems Management
University Park
Los Angeles, California 90007
Dr. Herold A. Sherman
Executive Director
(213) 746-2411

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**06013341  VENTURA COLLEGE**

Office of Instruction
4687 Telegraph Road
Ventura, California 93003
Charles C. Dahl
Associate Dean of Instruction, Career Education
(805) 642-3211 Ext. 276

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**06013351  VICTOR VALLEY COMMUNITY COLLEGE DISTRICT**

Victor Valley College
18422 Bear Valley Road, P.O. Drawer O O
Victorville, California 92392

---

**06013361  WEST COAST UNIVERSITY**

Main Campus
440 Shatto Place
Los Angeles, California 90020
R. A. Dotterer
Secretary and Treasurer
(213) 487-4433

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**06013441  YUBA COLLEGE**

Special Educational Services
2088 North Beale Rd.
Marysville, California 95901
Rex McDougal
Associate Dean of Special Educational Services
(916) 742-7351 Ext. 225

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**06044801  DEANZA COLLEGE, FOOTHILL JUNIOR COLLEGE SYSTEM**

Business Division
21250 Stevens Creek Blvd.
Cupertino, California 95014
Dr. Lawrence Harvey
Division Chairman
(408) 257-5550

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**06044802  DEANZA COLLEGE**

Engineering - Technology
Cupertino, California 95014
Aviation Program Director
(408) 257-5550
06044802  Continued

Program                         Mode Degree
Career Pilot                    A     A
Airline Careers                A     A

06044811

OHLONE COLLEGE
Traffic Safety
43600 Mission Boulevard
Fremont, California 94537

Chairman, Traffic Safety
(415) 657-2100 Ext. 328

Program
Traffic Safety - Driver Training
Instructor:               Mode Degree
Traffic Safety-Driver License Examiner  H     A
Traffic Safety - Pupil Transportation: H     A

06044812

OHLONE COLLEGE
650 Washington Blvd.
Fremont, California 94537
J. Sachen
(415) 657-2100

Program
Aviation Ground School

06071151

MOORPARK COLLEGE
Social Science Division
7075 Campus Road
Moorpark, California 93021
Roger Boedecker
Division Chairman
(805) 529-2321 Ext. 283

Program
Urban Studies
Urban Planning
Consumerism

06071152

MOORPARK COLLEGE
Moorpark, California 93021
Aviation Program Director
(805) 529-2321

Program
Aviation Training Ground School

06074781  Continued

Jim Richardson
Dean of Instruction
(714) 236-1181 Ext. 273

Program
Transportation & Distribution Management

06074782

SAN DIEGO EVENING COLLEGE
San Diego, California 92101
Aviation Program Director
(714) 280-7610

Program
Aviation Maintenance Technology
Pilot Training

06077071

COLUMBIA JUNIOR COLLEGE
Occupational Education
Po Box 1849
Columbia, California 95310
Dr. Wayne Morrison
Dean of Occupational & Continuing Education
(209) 532-3141

Program
Heavy Equipment
Soils
Natural Resources
Forest Technology
Aviation

06077131

SKYLINE COLLEGE, SAN MATEO COMMUNITY COLLEGE SYSTEM
Science/Math/Technology Division
3300 College Drive
San Bruno, California 94066
Joseph Hunter
Instructor
(714) 355-7000

Program
Aero Powerplant Mechanics

06082201

COAST COMMUNITY COLLEGE
2701 Fairview Rd.
Costa Mesa, California 92626
Aviation Program Director
(714) 834-5651

Program
Aviation Ground School
### Degree Level Programs

#### 06083061
**COLLEGE OF ALAMEDA, PERALTA COMMUNITY COLLEGE SYSTEM**

Transportation Division  
555 Atlantic Ave.  
Alameda, California 94501  
Edna P. Froehlich  
Coordinator of Occupational, Cooperative Education  
(415) 522-7221 Ext. 207

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<td>Aviation Maintenance</td>
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<td>Diesel Mechanics</td>
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#### 06089031
**COLLEGE OF THE CANYONS**  
Technical Division  
25000 W. Valencia Blvd.  
Valencia, California  
Robert Pollock  
Dean of Vocational-Technical Education  
(805) 259-7600 Ext. 63

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<td>General Engineering</td>
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#### 06101111
**CERRO COSO COMMUNITY COLLEGE**  
College Heights Blvd.  
Ridgecrest, California 93555  
Dr. Richard S. Meyers  
Dean of Instruction  
(714) 375-5001

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<td>Electronics Technology</td>
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#### 06104411
**THE RAND GRADUATE INSTITUTE**  
1700 Main Street  
Santa Monica, California 90406  
Sue Bourdon  
Assistant to the Director  
(213)393-0411 Ext. 7690

<table>
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#### 06990021
**SAN DIEGO MIRAMAR COLLEGE**  
Aeronautics Dept.  
10440 Black Mountain Road  
San Diego, California 92126  
Ernest L. Ettel  
Dept. Chairman  
(714) 271-7300

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#### 08013451
**ADAMS STATE COLLEGE**  
Division of Physical & Recreational Resources  
Alamosa, Colorado 81102  
Dr. Loren Lutz  
Chairman, Division of Physical & Recreational Resources  
(303) 589-7401

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#### 08013591
**COLORADO NORTHEASTERN COMMUNITY COLLEGE**  
Aviation Occupations Program  
Rangely, Colorado 81648  
Eric Johnson  
Dean of Career & Outreach Education  
(303) 675-2345 Or 879-3288

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#### 08013601
**METROPOLITAN STATE COLLEGE**  
Aerospace Science Department  
250 West 14th Ave. Box 30  
Denver, Colorado 80204  
Mr. C. E. Evans  
Department Chairman  
(303) 292-5190 Ext. 322

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#### 08013611
**NORTHEASTERN JUNIOR COLLEGE**  
Vocational-Technical Dept.  
Sterling, Colorado 80751
08013611  Continued

Hilbert Kahl
Dean, Occupational Programs
(303) 522-6600 Ext. 644

Program Mode Degree
Automotive Technology H A
'Should Include Automotive Mechanical
Training, As well As Training In
Service Manager & Shop Foreman
H H

08013651
SOUTHERN COLORADO STATE COLLEGE
School of Applied Sciences & Engineering
Technology
2200 Bonforte Blvd.
Pueblo, Colorado 81001
Dr. Ray L. Sisson
Dean
(303) 545-4220, Ext. 61

Program Mode Degree
Hydraulics I A,B
Structures I A,B
Mapping and Surveying I A,B
Electronics I C,A
Drafting I C,A
Diesel Mechanics & Technology I C,A,B
Automotive Service Management H C,A,B
Electronic Communications I C,A
Materials Testing H A,B

08013681
TRINIDAD STATE JUNIOR COLLEGE
Engineering Department
600 Prospect
Trinidad, Colorado 81082
Dr. Thomas W. Sullivan
President
(303) 846-5541

Program Mode Degree
Civil & Environmental Engineering Technology E A

08013701
UNIVERSITY OF COLORADO
Boulder, Colorado 80302
Chairman, Engineering Dept.
(303) 443-2211

Program Mode Degree
Aerospace Engineering Sciences A B

08013721  Continued

Harold E. Binford
Chairman, Division of Business
(303) 943-2019

Program Mode Degree
Transportation I B

08067401
UNIVERSITY OF COLORADO AT DENVER
Center For Urban Transportation Studies
1100 Fourteenth Street
Denver, Colorado 80202
Professor Vasant H. Surti
Project Director
(303) 892-1117 Ext. 218 or 265

Program Mode Degree
Urban Transportation M.D
(interdisciplinary)

08067402
UNIVERSITY OF COLORADO AT DENVER
Civil and Environmental Engineering
1100 Fourteenth Street
Denver, Colorado 80202
Professor John R. Mays
Associate Chairman
(303) 892-1117 Ext. 265

Program Mode Degree
Civil and Environmental Engineering I B
Transportation Engineering H B
Traffic Engineering H B
Structures H B
Hydraulics I B
Hydrology I B
Materials H B
Soils H B

08067403
UNIVERSITY OF COLORADO AT DENVER
College of Environmental Design
1100 Fourteenth Street
Denver, Colorado 80202
Professor John Prosser
Assistant Dean
(303) 892-1117 Ext. 381

Program Mode Degree
Urban and Regional Planning M M
(Academic Program)
Center For New Towns M
(Research Program)
Master of Architecture in Urban Design M

08098961
EL PASO COMMUNITY COLLEGE
5 West Las Vegas
Colorado Springs, Colorado 80903
Aviation Program Director
(303) 471-7546

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<td>Domestic and Foreign Trucking</td>
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Program | Mode | Degree
---|---|---
Mechanical Engineering Technology | I | A
Management Engineering Technology | I | A
Chemical Engineering Technology | I | A
Civil Engineering Technology | I | A

TRINITY COLLEGE
Political, Urban & Environmental Sciences
Hartford, Connecticut 06106
Rex C. Neaverson
Professor of Political Science
(203) 527-3151 Ext. 422

Program | Mode | Degree
---|---|---
Transportation and Public Policy | I | B

UNIVERSITY OF CONNECTICUT
Civil Engineering
Storrs, Connecticut 06268
Dr. E. R. Johnston
Head, Dept. Civil Engineering
(203) 486-4018

Program | Mode | Degree
---|---|---
Transportation Engineering (Tech. Seq.) | B,M,D
Transp and Urban Engineering | B,M,D
Environmental & Water Resources Eng | B,M,D

UNIVERSITY OF CONNECTICUT
Mechanical Engineering
Storrs, Connecticut 06268
Dr. H. A. Koenig
Department of Mechanical Engineering
(203) 486-2090

Program | Mode | Degree
---|---|---
Aerospace Engineering | A | M,D
Applied Mechanics | A | D
Fluid Mechanics | A | M
Mechanical Engineering | A | M

YALE UNIVERSITY
Epidemiology and Public Health, Forestry
New Haven, Connecticut 06520
Jan A. J. Stolwijk
Associate Professor of Epidemiology

Program | Mode | Degree
---|---|---
Environmental Quality | E | M,D
Environmental Health Sciences | E | M,D

YALE UNIVERSITY
School of Forestry & Environmental Studies
Sage Hall
New Haven, Connecticut 06520
Francois Mergen
Dean
(203) 436-0220

Program | Mode | Degree
---|---|---
Air Pollution Meteorology | E | M,D
Forest Hydrology | E | M,D
Seminar in Air Pollution and Plants | E | M,D
Terrestrial Photogrammetry and Remote Sensing | E | M
Principles of Environmental Planning | E | M
Environmental Planning Laboratory | E | M

RENSSELAER POLYTECHNIC INSTITUTE OF CONNECTICUT, INC.
Hartford Graduate Center
275 Windsor Street
Hartford, Connecticut 06120
Robert H. Ellis
Assistant to the President
(203) 549-3600, Ext. 211

Program | Mode | Degree
---|---|---
Mechanical Engineering | I | M
Mechanics, Structures & Structural Engineering | I | M
Systems Engineering | I | M
Electrical Engineering | I | M
Advanced Propulsion Systems | I | M
Environmental Science and Technology | E | M
Transportation Planning | U | M
Urban Planning | U | M
Application of Info and Computer Sys to Urban Mass Transp | U | M

YALE UNIVERSITY
Engineering and Applied Science
318 Dunham Laboratory, 10 Hillhouse Avenue
New Haven, Connecticut 06520
Charles A. Walker
Chairman
(203) 436-2670

Program | Mode | Degree
---|---|---
Engineering Mechanics | I | B,M,D
Environmental Engineering | I | B

UNIVERSITY OF DELAWARE
Civil Engineering (Undergraduate & Graduate)
130 Du Pont Hall
Newark, Delaware 19711
E. Chesson, Jr.
Professor and Chairman
(302) 738-2441

10014311
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**DELAWARE TECHNICAL AND COMMUNITY COLLEGE**

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<th>Southern Campus</th>
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<tr>
<td>Jack F. Owens</td>
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<td>(302) 856-7711</td>
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**DELAWARE TECHNICAL AND COMMUNITY COLLEGE**

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<th>Stanton Campus</th>
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<td>Mr. William A. Faucett</td>
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**CATHOLIC UNIVERSITY OF AMERICA**

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<th>Dept of Aerospace &amp; Atmospheric Sciences</th>
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<td>Professor Y.C. Whang</td>
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**THE GEORGE WASHINGTON UNIVERSITY**

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<td>Prof. Joseph V. Foa</td>
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**GEORGETOWN UNIVERSITY**

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<th>Economics Dept.</th>
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<td>Douglas M. Brown, Ph.D.</td>
<td>Asst. Professor</td>
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<td>Urban Economics: (Intraurban Transportation)</td>
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HOWARD UNIVERSITY
Architecture and City Planning
2400 Sixth Street, N. W.
Washington, D. C. 20059
Mr. Jerome Lindsey
Dean, Architecture and City Planning
(202) 636-7420

Program
City and Regional Planning

WASHINGTON TECHNICAL INSTITUTE
Hangar 10, Washington National Airport
Washington, D. C. 20001
Aviation Program Director
(202) 629-7307

Program
Aviation Ground School

FLORIDA INSTITUTE OF TECHNOLOGY
The School of Aeronautics
P.O. Drawer 1839
Melbourne, Florida 32001
Jerome A. Lavenderbaugh
Dean, the School of Aeronautics
(305) 727-0461

Program
Air Commerce
Air Commerce (Air Transportation Option)
Air Commerce (Flight Technology Option)
Avionics Technology
Flight Technology
Contract and Procurement Management
Mathematical Sciences
Computer Science
Operations Research
Mechanical Engineering
Ocean Engineering
Biological Oceanography Option
Chemical Oceanography Option
Physical Oceanography Option
Oceanography
Bio-Environmental Science Option
(Oceanography)
Physics
Science Education: Aviation/Aerospace Education Option
Environmental Engineering
Systems Engineering

FLORIDA INSTITUTE OF TECHNOLOGY
The School of Science & Engineering
Country Club Road
Melbourne, Florida 32901

DAYTONA BEACH COMMUNITY COLLEGE
Technology Division
Post Office Box 1111
Daytona Beach, Florida 32015
E. Ed Ek
Director, Technical Division
(904) 255-8131 Ext. 308

Program
Civil Technology
Concrete Technology

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
College of Aeronautical Studies
Regional Airport
Daytona Beach, Florida 32015
Daniel D. Sain
Dean, College of Aeronautical Studies
(904) 255-3553

Program
Aeronautical Engineering
Aircraft Maintenance Engineering
Aviation Management
Aeronautical Studies - Airport Management
Aeronautical Studies - Erection
Aeronautical Studies - Flight Attendant
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**FLORIDA KEYS COMMUNITY COLLEGE**

Key West, Florida 33040
James R. Strawbridge
Director, Research & Development
(305) 296-9081

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**FLORIDA KEYS COMMUNITY COLLEGE**

Applied Science Division
Stock Island
Key West, Florida 33040

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**THE FLORIDA STATE UNIVERSITY**

College of Education
State University of Florida System
Tallahassee, Florida 32306
Professor Richard W. Bishop
(904) 644-5077

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12014901

**GULFCOAST COMMUNITY COLLEGE**

Division of Career Studies
Highway 98 West
Panama City, Florida 32401
Lester Morley
Dean of Career Studies
(904) 769-1515 Ext. 240

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12015001

**BROWARD COMMUNITY COLLEGE**

Aerospace Department
3501 S.W. Davie Road
Fort Lauderdale, Florida 33314
William C. Bowen, Jr., Department Head
(305) 581-8700 Ext. 219

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**BROWARD COMMUNITY COLLEGE**

Division of Public Services
3501 S.W. Davie Road
Fort Lauderdale, Florida 33314
Ray Dieterich
Chairperson
(305) 581-8700 Ext. 219

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12015003
BROWARD COMMUNITY COLLEGE
Civil Engineering Technology
3501 S.W. Davie Road
Fort Lauderdale, Florida 33314
Lorenz Minicone
Department Head
(305) 581-8700

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12015004
BROWARD COMMUNITY COLLEGE
225 E. Las Olas Blvd.
Fort Lauderdale, Florida 33301
Dr. David A. Groth
Vice President for Academic Affairs
(305) 525-4271

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12015011
LAKE CITY COMMUNITY COLLEGE
Lake City, Florida 32055
Aviation Program Director
(904) 752-1822

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LAKE SUMTER COMMUNITY COLLEGE
Leesburg, Florida 32748
Edmonde B. Kelly
Chairman, Technical Education
(904) 787-3747

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12015041
MANATEE JUNIOR COLLEGE
Aerospace Technology
P. O. Box 1849
Bradenton, Florida 33506

12015051
MOUNT MARKET COLLEGE
225 E. Las Olas Blvd.
Fort Lauderdale, Florida 33301
L. Donald Marazella
Director of Instruction
(305) 525-4441

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12015062
MIAMI-DADE COMMUNITY COLLEGE
Aerospace Dept.
11350 N.W. 27th Avenue
Miami, Florida 33167
Fred J. Jiharg
Chairman
(305) 595-4201

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12015064
MIAMI-DADE COMMUNITY COLLEGE - SOUTH CAMPUS
Aerospace Department
11011 S.W. 104th Street
Miami, Florida 33156
Robert M. Kono
Chairman, Aerospace Department
(305) 274-1154

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Degree Level Programs

12015121

PALM BEACH JUNIOR COLLEGE
Engineering-Technical Department
4200 Congress Ave.
Lake Worth, Florida 33460
Don C. Whitmer
Asst. Dean of Academic Affairs For Vocational-Technical Education
(305) 965-8000 Ext. 264

Program Mode Degree
Aerospace Technology A A
Water & Waste Water Technology W C,A
Land Surveying Technology H C,A

12015141

POLK COMMUNITY COLLEGE
Division of Technical Education
999 Avenue H, N.E.
Winter Haven, Florida 33880
Professor Frank Stephenson
Director, Occupational Technical Education
(813) 294-7421 Ext. 212

Program Mode Degree
Aviation Technology A A

12015191

SANTA FE COMMUNITY COLLEGE
Department of Technical Education
3000 N.W. 83rd Street
Gainesville, Florida 32601
Richard K. Peterson
Director of Technical Programs
(904) 373-5161 Ext. 335

Program Mode Degree
Aviation Management Technology A A
Aviation Pilot Training A A
Aviation Ground School A C
Environmental Science Technology E A

12015281

ST. PETERSBURG JUNIOR COLLEGE
Aviation Technology
2465 Drew Street
Clearwater, Florida 33515
Wayne J. Harrison
Chairman
(813) 546-0011 Ext. 475

Program Mode Degree
Aviation Administration A C,A
Professional Pilot A C,A

12015351

UNIVERSITY OF FLORIDA
Dept. of Civil Engineering
Gainesville, Florida 32611

Program Mode Degree
Civil Engineering (Transportation Option) H B,M
Architecture (Transportation Planning) H M

12015351 Continued

Dr. James Schaub
Chairman, Dept. of Civil Engineering
(904) 392-0933

Program Mode Degree
Transportation Engineering: Physical, Traffic, and Airports I B,M

12015362

UNIVERSITY OF MIAMI
Department of Civil Engineering
Coral Gables, Florida
Professor Thomas T. C. Hsu
Department Chairman
(305) 284-3391

Program Mode Degree
Transportation Engineering H B,M

12015363

UNIVERSITY OF MIAMI
School of Engineering and Environmental Design
Coral Gables, Florida
Howard Harrenstein
Dean
(305) 284-2404

Program Mode Degree
Civil Engineering (Transportation Option) H B,M
Architecture (Transportation Planning) H M
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Degree Level Programs

12106521 Continued
Dr. James Culligan
Assistant Dean, Vocational-Technical Programs
(904) 567-6701
Program Mode Degree
Environmental Control Technology E A

13015461
ARMSTRONG STATE COLLEGE
Department of Business Administration
11935 Abercorn Street
Savannah, Georgia 31406
Dr. Orange Ha:
Head, Department of Business Administration
(912) 925-4200 Ext. 274
Program Mode Degree
Transportation Economics I B

13015691
GEORGIA INSTITUTE OF TECHNOLOGY
Atlanta, Georgia 30332
Chairman, Engineering Dept.
(404) 894-5051
Program Mode Degree
Aerospace Engineering A B.M.

13015701
SOUTHERN TECHNICAL INSTITUTE
Civil Engineering Technology
534 Clay Street
Marietta, Georgia 30060
Charles T. Holladay
Head, Civil Engineering Technology
(404) 424-7261
Program Mode Degree
Structural Materials and Design C A
Surveying and Construction A B
Civil Engineering Technology F B.M.

13015721
GEORGIA SOUTHERN COLLEGE
Division of Industrial Technology
Landrum Box 8044
Statesboro, Georgia 30458
Dr. Donald F. Hackett
Division Head
(912) 681-5600 Ext. 332
Program Mode Degree
Civil Engineering Technology B M
B.S. in Education (Transportation Cluster) I B

13015741
GEORGIA STATE UNIVERSITY
Aviation Administration
University Plaza
Atlanta, Georgia 30303
Dr. Henry T. Wallace
Dean, School of General Studies
(404) 658-3570
Program Mode Degree
Aviation Administration A A

13990261
WAYCROSS-WARE COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL
Auto Mechanics Department & Auto Body Repair
Department
1701 Carwell Ave.
Waycross, Georgia 31501
R. Kirk Rivenbark
Coordinator of Student Services
(912) 283-2002
Program Mode Degree
Auto Mechanics H C
Auto Body Repair H C

13990361
SAVANNAH AREA VOCATIONAL SCHOOL
214 Bay Street
Savannah, Georgia 31401
Edward P. Ike
Coordinator for Student Personnel
(912) 236-1291
Program Mode Degree
Auto Mechanics C A
Body Repair C A
Civil Technology C A
Diesel Technology C A

15016101
UNIVERSITY OF HAWAII AT MONOA
Civil Engineering
2540 Dole Street
Honolulu, Hawaii 96822
C. S. Papacostas
Asst. Professor
(808) 944-8347
Program Mode Degree
Transportation Engineering B M
Urban Planning B M
Traffic Engineering B M
Structural Engineering B M
Construction Materials & Methods B M

15016121
HONOLULU COMMUNITY COLLEGE
Honolulu, Hawaii 96817
1501621  Continued
Director, Aviation Maintenance Program
(808) 847-2161
Program
Aviation Maintenance Technology  A  C.A

15052581
HAWAII COMMUNITY COLLEGE
University of Hawaii, Trades & Industries Department
1175 Manono Street
Hilo, Hawaii 96720
Alfred Goto
Acting Dean of Instruction
(808) 9619-402
Program
Architectural Drafting & Engineering  I  C.A
Automotive Body Repair & Painting  H  C.A
Automotive Mechanics  H  C.A
Diesel Mechanics  I  C.A
Machine Technology  I  C.A

16016161
BOISE STATE UNIVERSITY
Management & Finance, School of Business
1910 College Blvd.
Boise, Idaho 83725
Wayne E. White
Aviation Management Program Director
(208) 385-3365
Program
Aviation Management/  A  B
Air Transportation

16016162
BOISE STATE UNIVERSITY
School of Health Sciences
1910 College Blvd.
Boise, Idaho 83725
Victor H. Duke
Dean and Acting Chairman
(208) 385-1678
Program
Environmental Health  E  B

16016201
IDAHO STATE UNIVERSITY
College of Education
East Terry Street
Pocatello, Idaho 83201
Dr. Ivan J. Hilton
Director, Driver and Safety Education
(208) 236-2602
Program
Teacher Preparation  Driver & Safety  H  B
Education

16990161
AERO-TECHNICIANS INC.
PO Box 44, Rexburg-Macdonald County Airport
Rexburg, Idaho 83440
Eldon C. Hart
President
(208) 356-4446
Program
Professional Pilot School  thru Airline Transport
Aviation Maintenance Technicians
School (A&P)  A  C

17016271
AERO-SPACE INSTITUTE
Chicago, Ill. 60603
(312) 787-3885
Program
Aeronautical Engineering  A  A,B
Aviation Administration  A  A,B
Aviation Maintenance  A  B
Aeronautical Engineering: Drafting  A  O
A&P Refresher  A  C

17016361
BELLEVILLE AREA COLLEGE
Aviation
1400 Upper Cahokia Rd.
Cahokia, Illinois 62206
M. Donald A. Chapman
Supervisor
(618) 398-0757
Program
Pilot Training  A  C.A
Airframe-Powerplant Mechanic  A  C.A
Airline Stewardess  A  C.A
Aviation Electronics  A  C.A

172116332
BELLEVILLE AREA COLLEGE
Career Oriented Division
2500 Carlyle Road
Belleville, Illinois 62221
Don A. Chapman
Supervisor
(618) 398-0757
Program
Flight Technology  A  C.A
Aviation Maintenance  A  C.A
Airline Stewardess  A  C.A
Avionics  A  C

1701638
BLACK HAWK COLLEGE
Quad-Cities Campus, Office of Community Services
500 34 Ave.
Moline, Illinois 61265
### Degree Level Programs

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#### 17016401

**PRAIRIE STATE COLLEGE**

Business & Office Occupations
197th & Halsted
Chicago Heights, Illinois 60411
N. A. Petersanti
Vice President, Career Education
(312) 756-3110

<table>
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#### 17016402

**PRAIRIE STATE COLLEGE**

197th and Halsted
Chicago Heights, Illinois 60411
Aviation Program Director
(312) 756-3110

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#### 17016411

**BRADLEY UNIVERSITY**

Department of Civil Engineering
Peoria, Illinois 61625
Professor Joseph E. Bowles
(309) 676-7611

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#### 17016491

**CITY COLLEGES OF CHICAGO**

Southwest College
7500 South Pulaski Road
Chicago, Illinois 60652
William P. Conway
Vice President
(312) 735-3000

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#### 17016492

**SOUTHWEST COLLEGE, CITY COLLEGE CHICAGO**

Transportation Department
7500 South Pulaski Road
Chicago, Illinois 60652
J. O. Young
Assistant Professor, Transportation
(312) 735-3000

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#### 17016521

**CITY COLLEGE OF CHICAGO, LOOP COLLEGE**

64 East Lake Street
Chicago, Illinois 60601
Louis Jacobs
Associate Professor, Architecture Engineering
(312) 259-8086

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#### 17016691

**DANVILLE JUNIOR COLLEGE**

2000 East Main Street
Danville, Illinois 61832
Burton B. Brackney
Dean of Curriculum Development
(217) 443-1811 Ext. 302

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#### 17016911

**ILLINOIS INSTITUTE OF TECHNOLOGY**

Environmental Engineering
3300 S. Federal Street
Chicago, Illinois 60616
James W. Patterson
Chairman
(312) 225-9600 Ext. 457

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17017581
SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
Engineering and Technology
Carbondale, Illinois 62901
Dr. Thomas B. Jefferson
Dean of Engineering and Technology
(618) 453-4321
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17017582
SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
Department of Geology
Carbondale, Illinois 62901
Professor Russell R. Dutcher
Department Chairman
(618) 453-3351
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17017583
SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
Safety Center, Department of Health Education
Carbondale, Illinois 62901
Dr. James E Aaron
Coordinator
(618) 453-2080
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17017584
SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
Aviation Technologies Division
School of Technical Careers-Southern Illinois Airport
Carbondale, Illinois 62901
E. A. Darosa
Division Chairman
(618) 536-3371 or 536-3373
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17017591
SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
Department of Engineering & Technology
Box 65 Science Building
Edwardsville, Illinois 62025
William E. Hord
Chairman
(618) 692-2500
<table>
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17017592
SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
Earth Sciences & Planning Department
Edwardsville, Illinois 62025
Dr. Melvin E. Kazeck
Department Chairman
(618) 692-3620
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17017711
TRINITY CHRISTIAN COLLEGE
Chicago Metropolitan Center
6601 W. College Drive
Palos Heights, Illinois 60463
Dr. Robert F. Dehaan
Director
(312) 597-3000
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17017731
TRITON COMMUNITY COLLEGE
Department of Marketing
2000 5th Ave.
River Grove, Illinois 60171
32

17017731 Continued

Robert F. Witherspoon
Coordinator of Marketing Programs
(312) 456-0300

Program Mode Degree

Physical Distribution of All Areas I A
Shippers (Air, Rail, Truck, Pipe, Ship) I A
Traffic and Transportation Management I A

17017741

UNIVERSITY OF CHICAGO
School of Social Service Administration
969 East 60th Street
Chicago, Illinois 60637
Pastora San Juan Cafferty
Assistant Professor in Social Welfare Policy
(312) 753-4605

Program Mode Degree

Urban Affairs U M

17017751

UNIVERSITY OF ILLINOIS
Institute of Aviation
University of Illinois, Willard Airport
Savoy, Illinois 61874
Professor R. E. Flexman
Director
(217) 333-2410

Program Mode Degree

Professional Pilot A A
Aircraft Maintenance A A
Combined Flight Maintenance A A
Multidiscipline Aviation Research A M,D

17017752

UNIVERSITY OF ILLINOIS AT URBANA
Urbana, Illinois 61801
Chairman, Engineering Dept.
(217) 333-1000

Program Mode Degree

Aerospace Engineering A B

17017761

UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE
College of Engineering
Box 4348
Chicago, Illinois 60680
Herbert J. Stein
Acting Dean
(312) 996-2400

Program Mode Degree

Environmental Engineering E B
Structural Engineering and Materials H B
Urban and Transportation Systems U B

17039611

WILLIAM RAINNEY HARPER COLLEGE
Business Division
Algonquin and Roselle Roads
Palatine, Illinois 60067
Eugene Magad
Coordinator Material Management
(312) 397-3000

Program Mode Degree

Material Management I C,A

17039701

SAINT LOUIS UNIVERSITY
Parks College of Aeronautical Technology
Parks College Airport
Cahokia, Illinois 62206
L. Z. Seltzer
Dean
(618) 397-7100

Program Mode Degree

Aeronautical Engineering A B
Aeronautical Administration A B
Aircraft Maintenance Engineering A B
Professional Pilot Technology A B
Aeronautical Meteorology A B
Transportation, Travel and Tourism I B
Aircraft Maintenance Engineering Technology A A
Aircraft Maintenance Management Technology A A
Aviation Flight Technology A A
Aviation Management A A

17067531

ILLINOIS CENTRAL COLLEGE
Engineering & Industrial Occupations Division
P.O. Box 2400
East Peoria, Illinois 61635
Wayne L. Sampson
Chairman
(309) 694-5416

Program Mode Degree

Transportation and Traffic Management H C
Interstate Commerce Law H C

17067532

ILLINOIS CENTRAL COLLEGE
Engineering & Industrial Occupations Division
P. O. Box 2400
East Peoria, Illinois 61635
Wayne L. Sampson
Chairman
(309) 694-5416

Program Mode Degree

Tractor Trailer Truck Driver Program H C
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<td>17088801</td>
<td>MORRISAN INSTITUTE OF TECHNOLOGY</td>
<td>Morrison, Illinois 61270</td>
<td>Civil Engineering Technology</td>
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<td>Architectural &amp; Building Const. Tech.</td>
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17093321
STATE COMMUNITY COLLEGE OF EAST ST. LOUIS
Vocational Technical Programs Department
417 Missouri Avenue
East Saint Louis, Illinois 62201
Rudolph Von Slaughter
Assistant Dean
(618) 875-9100 Ext. 343-49
Program
Operating Engineers H C
Laborers H C
Teamsters H C
Cement Masons H C
Carpenters H C
Iron Workers H C

17097671
CITY COLLEGES OF CHICAGO, OLIVE-HARVEY
Olive-Harvey College, Applied Science Dept.
10001 S. Woodlawn Avenue
Chicago, Illinois 60628
William Thanholt
Technical Coordinator
(312) 568-3700 Ext. 366
Program
Aviation Ground School - Private Pilot A C,A
Civil Technology H C,A
Environmental Control Technology E C,A

17108791
COMMUNITY COLLEGE OF DECATUR
Business Division
100 North Water
Decatur, Illinois 62523
Mrs. Gina Pinto
Division Chairman
(217) 422-8387
Program
General Business (Transportation) I C,A

18018051
INDIANA INSTITUTE OF TECH.
Engineering
Fort Wayne, Indiana 46803
Chairman, Engineering Dept.
(219) 422-5561
Program
Aerospace Engineering A B

18018091
INDIANA UNIVERSITY
School of Business
Bloomington, Indiana 47401
George M. Smek
Professor of Transportation
(812) 337-5646
Program
Transportation I B,M,D
Mass Transit Management U B,M

18018131
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT
INDIANAPOLIS
Department of Construction Technology
1201 East 38th Street
Indianapolis, Indiana 46205
Program
Civil Engineering Technology H A
Construction Technology H B
Highway Technician H C

18018251
PURDUE UNIVERSITY
Department of Aviation Technology
Purdue University Airport
Lafayette, Indiana 47906
Professor J. R. Maris
Department Head
(317) 743-3896
Program
Aviation Maintenance Technology A A
Aviation Electronics Technology A A
General Aviation Flight Technology A A
Professional Pilot Technology A B

18018252
PURDUE UNIVERSITY
Krannert School
West Lafayette, Indiana 47907
D. Clay Whybark
Associate Professor
(317) 494-1322
Program
Transportation Concentration I M
Degiee Level Programs

18018253
PURDUE UNIVERSITY
Lafayette, Indiana 47907
Chairman, Engineering Dept.
(317) 749-8111
Program Mode Degree
Aeronautical and Astronential Engineering A B

18018261
PURDUE UNIVERSITY, NORTH CENTRAL CAMPUS
Construction Technology
Westville, Indiana 46391
Professor Richard Taylor
Departmental Representative
(219) 785-2541
Program Mode Degree
Civil Engineering Technology I A

18018341
SAINT JOSEPH’S CALUMET COLLEGE
Department of Continuing Education
4721 Indianapolis Blvd.
East Chicago, Indiana 46312
Michael Guiden
Asst. Academic Dean
(219) 397-9197
Program Mode Degree
Transportation I C
Management-Concentration in Transportation I A

18018391
TRI-STATE COLLEGE
Mechanical Engineering Dept.; Civil Engineering Dept.
Angola, Indiana 46703
Robert K. Wattson, Jr.
Assoc Chairman (A.E.)
(219) 665-3141 Ext. 283 or 211
Program Mode Degree
Aeronautical Engineering A B
Civil Engineering I B

18018392
TRI-STATE COLLEGE
School of Business Administration
Angola, Indiana 46703
Dr. Charles L. Hilton
Dean
(219) 665 3141 Ext. 238
Program Mode Degree
Transportation, Traffic, Physical Distribution I B
Motor Fleet Safety & Maintenance H C

18018401
UNIVERSITY OF NOTRE DAME
Department of Civil Engineering
Notre Dame, Indiana 46556
Dr. Don A. Linger, P.E.
Professor and Chairman of Civil Engineering
(219) 283-6173 or 283-6389
Program Mode Degree
Structural Engineering I B,M,D
Transportation Engineering H B,M,D
Transportation & Regional Planning I B,M,D
Environmental Engineering E B,M,D
Materials H B,M,D
Soils H B,M,D

18018402
UNIVERSITY OF NOTRE DAME
Notre Dame, Indiana 46556
Chairman, Engineering Dept.
(219) 283-6011
Program Mode Degree
Aerospace Engineering A B

18018421
VALPARAISO UNIVERSITY
Department of Civil Engineering
Valparaiso, Indiana 46383
Dr. Gilbert Lehmann
Dean
(219) 464-5121
Program Mode Degree
Civil Engineering I B

18018431
VINCENNES UNIVERSITY
Career Division
Vincennes, Indiana 47591
Bill G. Spence
Director, Career Division
(812) 882-3350 Ext. 336 or 350
Program Mode Degree
Aviation Flight Technology A A
Aviation Maintenance Technology A A
Agricultural Aviation Technology A C
Automotive, Mechanical Technology H A
Automotive Parts Counterman Technology H A
Civil Engineering Technology H A

18095631
INDIANA STATE UNIVERSITY
Department of Aerospace Technology
Terre Haute, Indiana 47809
Ivan W. Bates, Ph.D.
Department Chairman
(812) 232-6311 Ext. 5767
Program Mode Degree
Professional Flight Technology (Major) A B
General Flight Technology (Minor) A O
Aviation Administration (Major) A B
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19071221

IOWA WESTERN COMMUNITY COLLEGE
Division of Vocational-Technical Education
2700 College Drive
Council Bluffs, Iowa 51501
Jack W. Gell
Dean of Vocational-Technical Education
(712) 328-3831 Ext. 252

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19071222

IOWA WESTERN COMMUNITY COLLEGE
2700 College Road
Council Bluffs, Iowa 51501
Aviation Program Director
(712) 328-3833

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19073161

WESTERN IOWA TECHNICAL COMMUNITY COLLEGE
Adult & Continuing Education Division
4647 Stone Avenue
Sioux City, Iowa 51106
Patrick Robeson
Supervisor of Admissions
(712) 276-0380

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19984031

INDIAN HILLS COMMUNITY COLLEGE
Ottumwa Campus
Industrial Airport
Ottumwa, Iowa 52501
Don McLanahan
Registrar
(515) 682-8081

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IOWA LAKES COMMUNITY COLLEGE
Trades & Industrial
101 1/2 N. 6th
Estherville, Iowa 51334
Gene Schorzmann
Asst. Superintendent
(712) 362-2601

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20019181

FRIENDS UNIVERSITY
2100 University
Wichita, Kansas 67213
John P. Williams
Academic Dean
(316) 263-9131 Ext. 275

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20019191

GARDEN CITY COMMUNITY JUNIOR COLLEGE
Aviation
801 Campus Drive
Garden City, Kansas 67846
Asel Harder
Dean of Instruction
(316) 276-7611 Ext. 36

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HESSTON COLLEGE
Aviation Department
Hesston, Kansas 67062
Jacob Friesen
Department Chairman
(316) 327-4221 or 283-8978

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HUTCHINSON COMMUNITY JUNIOR COLLEGE
Technical Education
1300 North Plum
Hutchinson, Kansas 67501
George W. Koon
Dean of Technical Education
(316) 663-2156

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INDEPENDENCE COMMUNITY JUNIOR COLLEGE
College Ave. & Brookside Drive
Independence, Kansas 67301
20019241  Continued
Richard M. Taylor
Vice-President
(316) 331-4100
Program
Aeronautics For Flight Training A A
Basic Flight Training A A
Commercial Pilot Ground School A A
Commercial Pilot Flight Training A A
Instrument Ground School A A
Instrument Pilot Flight Training A A

20019261
KANSAS STATE COLLEGE OF PITTSBURG
Department of Technology
Pittsburg, Kansas 66762
Dr. Eugene V. Gardner
Department Chairman
(316) 231-7000 Ext. 259
Program
Automotive Technology H A,B,M

20019272
EMPIRIA KANSAS STATE COLLEGE
Social Sciences (Economics)
1200 Commercial
Emporia, Kansas 66801
James I. Sturgeon
Asst. Professor Economics
343-1200 Ext. 461
Program
Economics of Transportation I B

20019281
KANSAS STATE UNIVERSITY
Mechanical Engineering
Seaton Hall
Manhattan, Kansas 66506
J. Garth Thompson
Department Head
(913) 532-5610
Program
Systems Analysis I M,D
Internal Combustion Engine Design I M,D

20019282
KANSAS STATE UNIVERSITY
Civil Engineering
Seaton Hall
Manhattan, Kansas 66506
Dr. Bob L. Smith
Professor of Civil Engineering
(913) 532-5862
Program
Aeronautical Science A A

20019283
KANSAS STATE UNIVERSITY
Department of Architecture
Seaton Hall
Manhattan, Kansas 66506
Eugene Kremer
Head
(913) 532-5953
Program
Architecture I B,M

20019284
KANSAS STATE UNIVERSITY
Department of Regional and Community Planning
Seaton Square
Manhattan, Kansas 66506
Professor Vernon P. Deines
Department Head
(913) 532-5958
Program
Transportation & Land Use Planning I M
Regional & Community Planning U M
Urban Design U M

20019291
KANSAS WESLEYAN
Santa Fe At Claflin
Salina, Kansas 67401
Dr. Orville L. Voth
Vice President For Academic Affairs
(913) 827-5541
Program
Environmental Studies E B

20019361
NEOSHO COUNTY COMMUNITY JUNIOR COLLEGE
1000 S. Allen
Chanute, Kansas 66720
Erik P. Conard
Dean of Instruction
(316) 431-2820
Program
Aeronautical Science A A
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<td>Business Administration</td>
<td>George Hill</td>
<td>(316) 942-4291</td>
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<td>3100 McCormick Avenue</td>
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<td>J. H. Barton</td>
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<td>Dr. Jan Roskam</td>
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<td>Urban Studies Center &amp; Department of Aeronautical Engineering</td>
<td>Dr. Richard E. Zody, Dr. Edward Rodgers</td>
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<td>Liberal, Kansas 67901</td>
<td>Richard W. Mead</td>
<td>(316) 624-1951</td>
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<td>(913) 888-8500</td>
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<td>Dr. Joseph R. Schwendeman, Jr.</td>
<td>(606) 622-2251</td>
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Dr. James Matthai
Chairman, Department of Geography
(502) 762-2591

Program Mode Degree
Urban and Regional Planning U B

UNIVERSITY OF KENTUCKY
Department of Civil Engineering
214 Anderson Hall
Lexington, Kentucky 40506
Dr. B. O. Hardin
Department Chairman
(606) 258-4856

Program Mode Degree
Structures I M.D
Hydraulics I M.D
Hydrology I M.D
Transportation I M.D
Materials I M.D
Soils H M.D
Mining H M.D
Traffic I M.D
Sanitary Engineering I M.D

UNIVERSITY OF KENTUCKY
Engineering
Lexington, Kentucky 40506
Chairman, Engineering Department
(606) 258-9000

Program Mode Degree
Aerospace Engineering A B,M,D

WESTERN KENTUCKY UNIVERSITY
Department of Engineering Technology
Bowling Green, Kentucky 42101
Boyce D. Tate
Head of Department
(502) 745-2451

Program Mode Degree
Civil Engineering Technology I A,B
Environmental Eng. Technology E B

WESTERN KENTUCKY UNIVERSITY
Department of Geography and Geology
Bowling Green, Kentucky 42101
Edmund E. Hegen, Ph.D.
Head of Department
(502) 745-4555

Program Mode Degree
Public Service (City & Regional Planning Option) U M
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<tr>
<td>Ruston, Louisiana 71270</td>
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<tr>
<td>Dr. J. J. Thigpen</td>
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<tr>
<td>Professor &amp; Head, Department of Mechanical Engineering</td>
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<tr>
<td>(318) 257-2357</td>
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<tr>
<td>Dr. Arthur C. Bruce</td>
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<tr>
<td>Associate Professor of Mechanical Engineering</td>
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<tr>
<td>(318) 257-3176</td>
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<td>Dr. Robert M. Caruthers</td>
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<td>Professor &amp; Head, Department of Petroleum Engineering</td>
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<td><strong>LOUISIANA STATE UNIVERSITY BATON ROUGE</strong></td>
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<tr>
<td>Department of Economics</td>
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<td>Baton Rouge, Louisiana 70803</td>
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<td>Dr. James P. Payne, Jr</td>
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<td>Alumni Professor of Economics</td>
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<td>(504) 388-5211</td>
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<td>Transportation Curriculum in Business Administration</td>
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| 22020081              |
| **NORTHEAST LOUISIANA UNIVERSITY** |
| Aviation, Pure and Applied Sciences |
| 700 University Avenue |
| Monroe, Louisiana 71201 |
| Dean S. Hartley, Jr.  |
| Coordinator of Aviation Studies |
| (318) 342-2148         |
| Program                |
| General Aviation       |
| Mode: A, Degree: B     |
| Airline Flight Officer |
| Mode: A, Degree: B     |
| Air Traffic Management |
| Mode: A, Degree: A     |
| Airline Stewardess     |
| Mode: A, Degree: A     |
|                        |
| 2202021               |
| **NORTHWESTERN STATE UNIVERSITY** |
| Science Program        |
| Natchitoches Municipal Airport |
| Natchitoches, Louisiana 71457 |
| Director of Aviation   |
| (318) 357-6361         |
| Program                |
| Pilot Training         |
| Mode: A, Degree: O     |
|                        |
| 2202031               |
| **UNIVERSITY OF SOUTHWESTERN LOUISIANA** |
| Department of Marketing|
| Lafayette, Louisiana 70501 |
| Professor Joseph F. Moffatt |
| Assistant Professor    |
| (318) 233-3850 Ext. 219 |
| Program                |
| Physical Distribution  |
| Mode: I, Degree: B     |
|                        |
| 22046261              |
| **DELGADO JUNIOR COLLEGE** |
| Aircraft Maintenance Technology |
| 615 City Park Ave.     |
| New Orleans, Louisiana 70119 |
| Theodore I. Urrata     |
| Chairman, Aviation Department |
| (504) 486-7393         |
| Program                |
| Aerospace Engineering Technology |
| Mode: A, Degree: A     |
| Aircraft Maintenance Technology |
| Mode: A, Degree: C,A   |
| Petroleum Engineering Technology |
| Mode: P, Degree: A     |
| Mechanical Engineering Technology |
| Mode: P, Degree: A     |
| Civil Engineering Technology |
| Mode: H, Degree: A     |
| Environmental Health Technology |
| Mode: E, Degree: A     |
| Occupational Safety and Health |
| Mode: E, Degree: A     |
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| 22098361              |
| **SOUTHERN UNIVERSITY** |
| The Transportation Center |
| Southern Branch Post Office |
| Baton Rouge, Louisiana 70813 |

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<td>Professor Roosevelt Steptoe</td>
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<td>22990321</td>
<td>JEFFERSON PARISH VOCATIONAL-TECHNICAL SCHOOL</td>
<td>925 Labarre Road, Metairie, Louisiana 70001</td>
<td>Mrs. Carolyn Cortello</td>
<td>(504) 834-5115</td>
<td>Program: Auto Mechanics Industrial Engine Mechanics</td>
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<td>23020441</td>
<td>MAINE MARITIME ACADEMY</td>
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<td>Edward E. Conrad</td>
<td>(207) 326-4311</td>
<td>Program: Nautical Science (Merchant Marine Officers) Marine Engineering (Merchant Marine Officers)</td>
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<td>23020531</td>
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<td>Dr. George W. Greenwood</td>
<td>(207) 581-7145</td>
<td>Program: Highway Engineering Transportation Engineering Traffic Engineering Soils</td>
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<td>Fort Road, South Portland, Maine 04106</td>
<td>William C. Warren</td>
<td>(207) 799-7303</td>
<td>Program: Automotive Technology Marine Science Licensed Maritime Officers Wastewater Technology</td>
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<td>Joseph A. Scarlett</td>
<td>(301) 747-3220 Ext. 267</td>
<td>Program: Air Transportation Management 4 Options Air Traffic Management Airline Management Flight Attendant Pilot Training Traffic &amp; Transportation Management</td>
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<td>G. Norman Dreisch</td>
<td>(301) 682-6000</td>
<td>Program: Urban Development Assistant</td>
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## 24020711
**FREDERICK COMMUNITY COLLEGE**  
Aviation Maintenance Technology  
Frederick, Maryland 21701  
William F. Mutschler, Aviation Coordinator  
(301) 662-0101 Ext. 260

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## 24020751
**HARFORD COMMUNITY COLLEGE**  
Office of Community Services  
401 Thomas Run Road  
Bel Air, Maryland 21014  
Mr. Paul Cerar, Director of Community Services  
(301) 838-1000, 879-8920 Ext. 204

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## 24020771
**JOHNS HOPKINS UNIVERSITY**  
Department of Geography and Environmental Engineering  
Baltimore, Maryland 21218  
Dr. M. Gordon Wolman, Department Chairman  
(301) 366-3300 Ext. 318

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## 24020772
**JOHNS HOPKINS UNIVERSITY**  
Metro Center  
Charles & 34th St.  
Baltimore, Maryland 21218  
Dr. Jack Fisher, Director-Metro Center Planning & Resources  
Program

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## 24020821
**MONTGOMERY COLLEGE**  
Rockville Campus  
51 Mannakee Street  
Rockville, Maryland 20850  
John Bolton, Academic Dean  
(301) 762-7400 Ext. 285

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<tr>
<td>Civil Engineering Technology</td>
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## 24021021
**UNIVERSITY OF BALTIMORE**  
Marketing Department  
Charles At Mount Royal  
Baltimore, Maryland 21201  
Professor Ernest Cooke, Department Chairman  
(301) 727-6350

<table>
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<tr>
<th>Program</th>
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<td>Transportation Management</td>
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## 24021031
**UNIVERSITY OF MARYLAND**  
Aerospace Engineering  
College Park, Maryland 20742  
Dr. John D. Anderson, Jr., Professor & Chairman  
(301) 454-2426

<table>
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<th>Program</th>
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## 24021032
**UNIVERSITY OF MARYLAND**  
College of Business and Management  
College Park, Maryland 20742  
Dr. John A. Haslam, Assistant Dean  
(301) 454-5297

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## 24021033
**UNIVERSITY OF MARYLAND**  
Civil Engineering Department  
College Park, Maryland 20742  
Dr. E. C. Carter, Department Chairman  
(301) 454-2438

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MONTGOMERY COLLEGE
New Campus
51 Mannakee Street
Rockville, Maryland 20850
Mr. Stanley Dahlman
Executive Associate For Multi-Campus Planning
Executive Coordination
(301) 762-6800 Ext. 324

Program Mode Degree
Transportation, Travel and Tourism I A
Environmental Technician E A

24083081

CECIL COMMUNITY COLLEGE
Department of Career and Continuing Education
R. D. 01 Box 57
North East, Md 21901
Director of Career and Continuing Education
(301) 287-6060

Program Mode Degree
Sanitation Technology I C
Aviation Ground School A O

24102971

BAY COLLEGE OF MARYLAND
Transportation
1106 North Charles Street
Baltimore, Maryland 21201
Howard Wolkoys
Office of Program Development
(301) 685-4701

Program Mode Degree
Motor Transportation Industry H C,A
Motor Freight Carrier-Dispatcher H C,A
Motor Transportation Accountant H C,A
Motor Freight Rates and Tariff Clerk H C,A
Freight Forwarding I C,A
Transportation Industry Management I C,A
Transportation Industry Labor Relations I C,A

24116441

UNIVERSITY OF MARYLAND
College Park, Maryland 20742
Chairman, Engineering Department
(301) 454-4755

Program Mode Degree
Aerospace Engineering A B

25021221

BAY PATH JUNIOR COLLEGE
588 Longmeadow Street
Longmeadow, Massachusetts 01106
Dr. Jeanette T. Wright
Vice President For Academic Affairs
(413) 567-0621 Ext. 35

Program Mode Degree
Travel Administration I A

25021301

BOSTON UNIVERSITY
Aerospace-Mechanical Engineering
110 Cummings St.
Boston, Massachusetts 02215
Professor Ming Chen
Department Chairman
(617) 353-2813

Program Mode Degree

25021391

CLARK UNIVERSITY
Sociology
950 Main St.
Worcester, Massachusetts 01610
Frank W. Puffer
Dean of the College
(617) 793-7177

Program Mode Degree
Technology of Man U B

25021551

HARVARD UNIVERSITY
Dept. of Economics
Littauer M-9
Cambridge, Massachusetts 02138
Professor James Duesenberry
Chairman

Program Mode Degree
Economics (Emphasis On Urban Economics) U M.D

25021552

HARVARD UNIVERSITY
Division of Engineering & Applied Physics
Pierce Hall 217
Cambridge, Massachusetts 02138
Professor Harvey Brooks
Dean
(617) 495-2831

Program Mode Degree
Engineering (Emphasis On Fluid Mechanics) P M.D
Engineering (Emphasis On Environmental Sciences) E M.D
Degree Level Programs

25021553
HARVARD UNIVERSITY
Graduate School of Business Administration
Soldiers Field Road
Boston, Massachusetts 02163
Ms. Karin E. Trelease
Director, Office of DBA Program
(617) 495-5103
Program
Logistics and Transportation
Mode Degree
I D

25021554
HARVARD UNIVERSITY
School of Public Health
677 Huntington Avenue
Boston, Massachusetts 02155
Dr. Dade Moeller
Head, Department of Environmental Health
(617) 734-3300 Ext. 540
Program
Environmental Health Sciences
Mode Degree
E M, D

25021555
HARVARD UNIVERSITY
School of Design
Gund Hall
Cambridge, Massachusetts 02138
Beverly Laskey
Registrar
(617) 495-5454
Program
City Planning
Mode Degree
U M
Regional Planning
I M
City Planning in Urban Design
U M

25021611
LOWELL TECHNOLOGICAL INSTITUTE
Department of Civil Engineering
One Textile Avenue
Lowell, Massachusetts 01854
William B. Moeller
Department Chairman
(617) 454-7811
Program
Mace in Water Resources
Mode Degree
E M
Mace in Land Use Planning
I M
Mace in Structural Engineering
I M
Mace in Geotechnical Engineering
I M

25021641
MASSACHUSETTS COLLEGE OF OPTOMETRY
Environmental Vision-Visual Science Division
424 Beacon St.
Boston, Massachusetts 02115

25021641  Continued
A. L. Pogoda, O.D., F.A.A.O.
Tract Coordinator-Environmental Vision
(617) 261-3430 Ext. 47
Program
Environmental Vision
Mode Degree
H M

25021681
CAPE COD COMMUNITY COLLEGE
Collegiate-Technical Education
Route 132
West Barnstable, Massachusetts 02668
John C. Briscoe
Dean of Collegiate Technical Education
(413) 362-2131
Program
Mode Degree
Aviation Fundamentals (Ground School) A C

25021691
GREENFIELD COMMUNITY COLLEGE
Civil Engineering Technology
Greenfield, Massachusetts 01301
D. C. Bartlett
Coordinator
(413) 774-3131 Ext. 374
Program
Mode Degree
Civil Engineering Technology I A

25021731
NORTH SHORE COMMUNITY COLLEGE
3 Essex Street
Beverly, Massachusetts 01915
Aviation Program Director
(617) 927-4850
Program
Mode Degree
Aviation Ground School A O

25021741
NORTHERN ESSEX COMMUNITY COLLEGE
Department of Civil and Environmental Technology
Elliot St.
Haverhill, Massachusetts 01830
Professor Francis H. Collopy
Department Chairman
(617) 374-0721 Ext. 382
Program
Mode Degree
Environmental Engineering E A
Civil Engineering (Surveying) H A

25021781
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
School of Engineering-Aeronautics & Astrn.
77 Mass. Ave.
Cambridge, Massachusetts 02139
25021781  Continued
Professor Robert W. Simpson
Directot Flight Transportation Lab
(617) 253-8706
Program Flight Transportation  Mode Degree
       A       M,D

25021782
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
School of Engineering, Civil Engineering
Department
77 Mass. Ave.
Cambridge, Massachusetts 02139
Professor Joseph Sussman
Director
(617) 253-5320
Program Transportation Systems Planning Mode Degree
       I       B,M,D

25021783
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Ocean Engineering
77 Mass. Ave.
Cambridge, Massachusetts 02139
Mr. Keating Keays
Administrative Officer
(617) 253-4330
Program Mode Degree
Ocean Engineering W B
Marine Engineering W B
Shipping & Ship Bldg Mgmt W M,D

25021991
NORTHEASTERN UNIVERSITY
Lincoln College
360 Huntington Ave.
Boston, Massachusetts 02115
Professor Kenneth S. Woodard
Director of Aviation Technology
(617) 437-2500
Program Mode Degree
Aviation Technology A A
Avionics Technology A A

25021992
NORTHEASTERN UNIVERSITY
College of Business Administration
360 Huntington Ave.
Boston, Massachusetts 02115
Dr. Robert C. Lieb
Coordinator-Transportation
(617) 437-9236
Program Transportation and Logistics Mode Degree
       I       B

25021993
NORTHEASTERN UNIVERSITY
Interdisciplinary Transportation Advisory Committee
360 Huntington Ave.
Boston, Massachusetts 02115
Dr. Paul J. Ossenbruggen
Associate Professor of Civil Engineering
(617) 437-2444
Program Mode Degree
Transportation Planning U M
Civil Engineering-Environmental E B,M,D

25022191
TUFTS UNIVERSITY
Department of Civil Engineering
College Ave.
Medford, Massachusetts 02155
Christian F. Davis
Assistant Professor
(617) 628-5000 Ext. 263
Program Mode Degree
Hydraulics I B
Structures I M
Transportation Engineering I B
Materials I B
Soils I B
Environmental Engineering I M

25022211
UNIVERSITY OF MASSACHUSETTS, AMHERST
Civil Engineering
Amherst, Massachusetts 01002
William W. Boyer
Professor of Civil Engineering
(413) 545-2779
Program Mode Degree
Civil Engineering I B,M,D
Mechanical & Aerospace Engineering A B,M,D
Regional Planning I B,M
Environmental Engineering E M,D
School of Business I B,M

25022251
WENTWORTH INSTITUTE
Aircraft Technology
550 Huntington Ave.
Boston, Massachusetts 02115
Mr. Charles Davie
Department Head, Aircraft
(617) 442-9010
Program Mode Degree
Aviation Technology A A
Aircraft Maintenance Tech. A C

25022252
WENTWORTH INSTITUTE
Civil and Highway Engineering
550 Huntington Ave.
Boston, Massachusetts 02115
### Degree Level Programs

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**25022252  Continued**

**Mr. Henry Poydar**  
Department Head  
(617) 442-9010

**Programs:**

- Civil and Highway Eng. Tech.
- Civil Construction Tech.
- Environmental Eng. Tech.
- Civil Engineering Tech.

**25022261**

**WESTERN NEW ENGLAND COLLEGE**  
1215 Wilbraham Rd.  
Springfield, Massachusetts 01119

**Dr. Clyde A. Painter**  
Dean, School of Business  
(413) 762-6131

**Programs:**

- Management
- Management (Transportation)
- Industrial Engineering
- Engineering (Environmental)

**25022321**

**WORCESTER JUNIOR COLLEGE**  
768 Main Street  
Worcester, Massachusetts 01608

**Aviation Program Director**  
(617) 755-4314

**Programs:**

- Aviation Management
- Aviation Marketing

**25022331**

**WORCESTER POLYTECHNIC INSTITUTE**  
Worcester, Massachusetts 01609

**William R. Grogan**  
Dean of Undergraduate Studies  
(617) 753-1411 Ext. 404

**Programs:**

- Civil Engineering (Transportation Option)
- Civil Engineering (Regional Planning Option)

**25039651**

**BAY STATE JUNIOR COLLEGE OF BUSINESS**  
122 Commonwealth Avenue  
Boston, Massachusetts 02116

**Mr. Francis J. McKiernan**  
Director of Student Services  
(617) 266-0220

**Programs:**

- Airline Commercial

**25103061**

**CENTRAL NEW ENGLAND COLLEGE OF TECHNOLOGY**  
Aviation Department  
768 Main St.  
Worcester, Massachusetts 01608

**Professor David O. Kubly**  
Head of Aviation  
(617) 755-4314

**Programs:**

- Aviation Marketing, Business & Aviation (Flight)
- Aviation Management, Business & Aviation (Flight)
- Pilot Training

**25112101**

**BUNKER HILL COMMUNITY COLLEGE**  
Transportation Management  
Rutherford Ave.  
Charlestown, Massachusetts 02129

**Professor Michael Dawson**  
Program Coordinator  
(617) 241-8600
25112101 Continued

Program Mode Degree
Air Transportation Management Option A A
Mass Transportation Option U A
Motor Freight Transportation Option H A

25990191

AVIATION CAREERS INSTITUTE
106 Access Rd.
Norwood, Massachusetts 02062
Joseph W. Benkert
President
(617) 762-7465
Program Mode Degree
Professional Pilot A C
Air Traffic Control A C
Aviation Management A O
Airline Passenger Relations A C

25990271

BRISTOL COMMUNITY COLLEGE
Engineering Technology
777 Elsbree St.
Fall River, Massachusetts 02720
Anthony F Mercurio
Assistant to the President
(617) 678-2811 Ext. 121
Program Mode Degree
Civil Engineering Technology H A
Land Surveying Technology H A
Environmental Management E A

26022371

ALPENA COMMUNITY COLLEGE
Aviation Department
666 Johnson Street
Alpena, Michigan 49707
Mr. Gerald Sloan
Department Chairman
(517) 354-3744
Program Mode Degree
Aviation Pilot A A

26022381

ANDREWS UNIVERSITY
Aviation Department
Berrien Springs, Michigan 49104
Melvin G. Krause
Flight Director
(616) 471-1455
Program Mode Degree
Flight Training - Basic & Advanced A C

26022401

BAY DE NOC COMMUNITY COLLEGE
Department of Applied Technology
Escanaba, Michigan 49829
Dr. William G. Butt
Academic Dean
(906) 786-5802
Program Mode Degree
Water Purification Technology W A

26022491

DAVENPORT COLLEGE OF BUSINESS
Business and General Education
415 E. Fulton
Grand Rapids, Michigan 45902
Roy L. Hamlin
Chairman, Business & General Education Division
(616) 451-3511 Ext. 229
Program Mode Degree
Transportation & Distribution I A

26022511

DELTA COLLEGE
University Center, Michigan 48710
Dave Davis
Counselor
Program Mode Degree
Priv. and Comm. Pilot Ground School A O

26022591

EASTERN MICHIGAN UNIVERSITY
Industrial Education Department
Ypsilanti, Michigan 48197
Aviation Program Director
(313) 487-1849
Program Mode Degree
Aviation Ground School A O

26022601

FERRIS STATE COLLEGE
Construction Department
901 S. State St.
Big Rapids, Michigan 49307
James B. Shane
Department Head
(616) 796-9971 Ext. 209
Program Mode Degree
Highway Technology H A
Aviation-Flying A A

26022602

FERRIS STATE COLLEGE
Auto and Heavy Equipment
Big Rapids, Michigan 49307
26022602 Continued

Charles Rathjen
Head, Auto & Heavy Equipment Department
(616) 796-9971

AUTOMOBILE SERVICE
H A
AUTOMOTIVE MACHINES
H A
AUTO BODY & PAINTING
H A,B
HEAVY EQUIPMENT TECH.

26022603

FERRIS STATE COLLEGE
Construction Department
Big Rapids, Michigan 49307
James Shane
Head, Construction Department
(616) 796-9971

HIGHWAY TECHNOLOGY
H A

26022611

CHARLES S. MOTT COMMUNITY COLLEGE
Applied Sciences
1401 E. Court St.
Flint, Michigan 48503
Frank Marczak
Chairman Applied Sciences
(313) 235-7541 Ext. 221

AVIATION FLIGHT TECHNOLOGY
A A

26022701

HENRY FORD COMMUNITY COLLEGE
Management & Supervisory Training Department
5101 Evergreen Rd.
Dearborn, Michigan 48128
Thaddeus C. Malley
Director
(313) 271-2750 Ext. 275

TRANSPORTATION & TRAFFIC MANAGEMENT
H C,A

26022702

HENRY FORD COMMUNITY COLLEGE
5101 Evergreen Rd.
Dearborn, Michigan 48128
Aviation Program Director
(313) 271-2750

 Program Mode Degree
AVIATION GROUND SCHOOL A O

26022771

LAKE MICHIGAN COLLEGE
2955 Napier Ave.
Benton Harbor, Michigan 48128

26022771 Continued

Dr. Richard C. Creal
Vice President For Instruction
(616) 927-3571 Ext. 301

Program Mode Degree
ENGINEERING I A
ELECTRO-MECHANICAL TECHNICIAN I C,A
MANUFACTURING TECHNICIAN I A
METALLURGICAL TECHNICIAN I A
AUTO MECHANICS FOR CAR OWNERS H C
SMALL ENGINE REPAIR H C

26022781

LANSING COMMUNITY COLLEGE
Applied Arts & Sciences Division
419 N. Capitol Ave.
Lansing, Michigan 48914
Mr. Edwin Bergmann
Department Chairman, Engineering Technology
(517) 373-7013

Program Mode Degree
FLIGHT TECHNOLOGY A C,A
TRUCK DRIVER TRAINING H C

26022782

LANSING COMMUNITY COLLEGE
Business Division
419 N. Capitol Avenue
Lansing, Michigan 48914
Mr. James Person
Department Chairman, Management & Marketing
(517) 373-7060

Program Mode Degree
TRANSPORTATION & TRAFFIC MANAGEMENT I C
TRANSPORTATION LAW I C

26022901

MICHIGAN STATE UNIVERSITY
Department of Civil & Sanitary Engineering
College of Engineering
East Lansing, Michigan 48824
Professor William C. Taylor
Department Chairman
(517) 355-5107

Program Mode Degree
STRUCTURAL ENGINEERING H B,M,D
TRANSPORTATION ENGINEERING I B,M,D
TRAFFIC ENGINEERING H M,D
SOILS H B,M,D
HYDRAULICS H B,M
ENVIRONMENTAL ENGINEERING I B,M,D

26022902

MICHIGAN STATE UNIVERSITY
Marketing and Transportation Department
East Lansing, Michigan 48823

56
26022902 Continued
Dr. Donald A. Taylor
Chairman
(517) 355-2240

Program
Logistic Transp. Distr. Systems

Mode Degree
I B.M.D

26022951
MONTCALM COMMUNITY COLLEGE
Vocational/Technical Division
Sidney, Michigan 48885
Donald B. Olson
Dean of Vocational/Technical Studies
(517) 328-2111

Program
Aviation Maintenance Technician

Mode Degree
A C

26023021
NORTHERN MICHIGAN COLLEGE
Aviation Department
Traverse City, Michigan 49684
Robert B. Ollson
Department Head
(616) 946-5650

Program
Career Pilot

Mode Degree
A A

26023031
OAKLAND COMMUNITY COLLEGE
Engineering Related
2480 Opdyke Rd.
Bloomfield Hills, Michigan 48013
James H. Dotseth
Director, Applied Sciences and Arts
(313) 647-6200

Program
Automotive Technology

Mode Degree
H C.A

26023101
ST. CLAIR COUNTY COMMUNITY COLLEGE
Manufacturing Technology
323 Erie
Port Huron, Michigan 48060
Phil Zochowski
Instructor & Flying Club Sponsor
984-3881 Ext. 291 or 235

Program
Aviation Ground School
Sail Plane

Mode Degree
A C
A O

26023102
SAINT CLAIR COUNTY COMMUNITY COLLEGE
Industrial Technology
323 Erie St.
Port Huron, Michigan 48060

Mode Degree
H B

26023102 Continued
Ivan Smith
Department Head

Program
Introduction to Flight Simulation

Mode Degree
A O

26023151
SCHOOLCRAFT COLLEGE
Division of Applied Science
18600 Haggerty Rd.
Livonia, Michigan 48151
Mr. Thad Diebel
Dean of Applied Science
(313) 591-6400

Program
Automotive Service
Automotive Service Mgmt

Mode Degree
H A

26023171
SOUTHWESTERN MICHIGAN COLLEGE
Division of Applied Science
Cherry Grove Rd.
Dowagiac, Michigan 49047
F. L. Hiscock
Dean of Applied Science
(616) 782-5113

Program
Aviation Airframe and Power Plant
Automotive Mechanics

Mode Degree
A A

26023251
UNIVERSITY OF MICHIGAN
Civil Engineering
Ann Arbor, Michigan 48104
Donald E. Cleveland
Professor
(313) 764-3368

Program
Transportation Engineering

Mode Degree
I B.M.D

26023301
WESTERN MICHIGAN UNIVERSITY
Department of Transportation Technology
West Michigan Ave.
Kalamazoo, Michigan 49001
Harley D. Behm
Chairman
(616) 383-0978

Program
Automotive Engineering Technology
Automotive Management and Service
Aviation Engineering Technology
Aviation Technology and Management
Flight Technology
Aircraft Technology
Transportation Systems Technology

Mode Degree
H B
H B
A B
A B
A B
A C
I B
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<td>Diesel &amp; Heavy Equipment Repair</td>
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<td>CENTER</td>
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<td>Automotive Parts Man</td>
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27990371 Continued

Robert F. Dobrenski
Assistant Director
(218) 847-9262

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28024071

HINDS JUNIOR COLLEGE
Vocational-Technical Division
Raymond, Mississippi 39154
W. H. Gibbes
District Director Vocational-Technical Division
(601) 857-5261 Ext. 47

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28024131

MERIDIAN JUNIOR COLLEGE
Department of Continuing Education
5500 Highway 19N
Meridian, Mississippi 39301
Mr. Fred Boudreaux
Director of Community Services
(601) 483-9241

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28024231

MISSISSIPPI STATE UNIVERSITY
Department of Aerophysics & Aerospace Engineering
Drawer A
Mississippi State, Mississippi 39762
Professor Charles B. Cliett
Head, Department of Aerophysics & Aerospace Engr.
(601) 325-3623

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28024232

MISSISSIPPI STATE UNIVERSITY
Department of Civil Engineering
P. O. Drawer C.E.
Mississippi State, Mississippi 39762

28024232 Continued

R. M. Scholtes, P.E.
Head
(601) 325-4434

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28024233

MISSISSIPPI STATE UNIVERSITY
Mechanical Engineering
Drawer M.E.
Mississippi State, Mississippi 39762
C. T. Carley, Ph.D., P.E.
Head of the Department
(601) 325-4915

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MISSISSIPPI STATE UNIVERSITY
Department of Petroleum Engineering
P. O. Drawer P.E.
Mississippi State, Mississippi 39762
William D. McCain, Jr., P.E.
Professor and Head
(601) 325-4555

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MISSISSIPPI STATE UNIVERSITY
College of Business
Drawer N
Mississippi State, Mississippi 39762
J. William Rush, Ph. D.
Professor of Marketing
(601) 325-3163

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29024541

CENTRAL MISSOURI STATE UNIVERSITY
Department of Power and Transportation
Warrensburg, Missouri 64093
Dr. John W. Horine
Department Head
(816) 429-4975
29024541 Continued

Program               Mode  Degree
Aviation Safety       A     M
Aviation Technology   A     B
Aviation Flight Technology  A     A
Aviation Maintenance Technology  A     A
Aviation Electronics Technology  A     A

29024542
CENTRAL MISSOURI STATE UNIVERSITY
School of Public Services
Warrensburg, Missouri 64093
Dr. Robert Marshall
Dean
(816) 429-3743
Program               Mode  Degree
Transportation Safety I     M

29024543
CENTRAL MISSOURI STATE UNIVERSITY
School of Public Services
314 Humphreys Bldg.
Warrensburg, Missouri 64093
Dr. Robert L. Marshall
Dean, School of Public Services
(816) 429-4743
Program               Mode  Degree
Driver and Safety Education H     B
Traffic Engineering    H     M
Transportation Safety  I     M
Industrial Safety      E     B,M
Sanitary Science       E     B

29024701
FLORISSANT VALLEY COMMUNITY COLLEGE
3400 Pershall Rd.
St. Louis, Missouri 63135
David L. Underwood
Dean of Instruction
(314) 524-2020 Ext. 239
Program               Mode  Degree
Industrial Engineering Technology I     A
Civil Engineering Technology I     A

29024721
MERAMEC COMMUNITY COLLEGE
Math-Engineering Division
11333 Big Bend Blvd.
Kirkwood, Missouri 63122
Professor Bob Murray
Division Chairman
(314) 966-3402 Ext. 286
Program               Mode  Degree
Aviation Tech.-Air Traffic Control A     C,A
Aviation Tech.-Flight Training A     C,A

29024901
MISSOURI WESTERN STATE COLLEGE
Division of Applied Sciences
4525 Downs Drive
St. Joseph, Missouri 64507
Lowell W. Clark
Director of Institutional Research
(816) 233-7192 Ext. 221
Program               Mode  Degree
Civil & Building Construction H     B
Drafting & Design I     A
3-Yr. Prof Engr. (1 & 3 Yrs. of Engineering) I
Low Enforcement H     C

29024902
MISSOURI WESTERN STATE COLLEGE
4525 Downs Drive
St. Joseph, Missouri 64507
Aviation Program Director
(816) 233-7192
Program               Mode  Degree
Aviation Ground School A     O

29025011
SOUTHEAST MISSOURI STATE UNIVERSITY
Industrial & Technical Education Department
Cape Girardeau, Missouri 63701
Aviation Program Director
(314) 334-8211
Program               Mode  Degree
Aviation Ground School A     O

29025031
SOUTHWEST MISSOURI STATE UNIVERSITY
Springfield, Missouri 65802
Edward Pierce
Associate Director of Admissions
(417) 831-1561
Program               Mode  Degree
Cartography E     B
Economics-Urban and Regional Planning U     B
Environmental Chemical Technology E     B
Geography-Urban and Regional Planning U     B
Public Administration-Urban and Regional Planning U     B
Engineering Physics (Environmental Emphasis) E     B

29025141
TRENTON JUNIOR COLLEGE
1301 Main
Trenton, Missouri 64683
29025141  Continued
Gean Porter
Dean, Vocational & Continuing Education
(816) 359-3948

Program
Emergency Medical Tech-Ambulance  H  O
Private Pilot Training  A  O

29025161
UNIVERSITY OF MISSOURI
College of Engineering
Columbia, Missouri 65201
Dean, College of Engineering
(314) 882-2121

Program
Mech. and Aerospace Engineering  A  B

29025171
UNIVERSITY OF MISSOURI-ROLLA
Transportation Institute
Rolla, Missouri 65401
Professor Frank A. Gerig, Jr.
Director
(314) 364-4487

Program
Interdisciplinary Research, Education, and Service includes Engineering, Science, Social Sciences, Humanities, Statistics.  I  O

29025172
UNIVERSITY OF MISSOURI-ROLLA
Department of Civil Engineering
Rolla, Missouri 65401
Professor Joseph H. Senne
Department Chairman
(314) 364-4461

Program
Construction Management  I  B,M
Fluid Mechanics & Hydraulics  I  B,M,D
Environmental & Sanitary  I  B,M,D
Transportation & Planning  I  B,M,D
Structural Analysis & Design  I  B,M,D
Hydrology  I  B,M,D
Soil Mechanics and Foundations  I  B,M,D

29025173  Continued
Program
Safety  I  B,M
Environment  I  B,M
Urban  I  B,M
Marketing  I  B,M
Management  I  B,M
Systems Analysis  I  B,M

29025174
UNIVERSITY OF MISSOURI - ROLLA
Department of Mechanical & Aerospace Engineering
Rolla, Missouri 65401
Professor Thomas R. Faucett
Department Chairman
(314) 341-4662

Program
Aerospace Structures  I  B,M,D
Aerodynamics  I  B,M,D
Flight Dynamics & Control  A  B,M,D
Internal Combustion Engineering  I  B,M
Energy Conversion  I  B,M,D
Engineering Acoustics  E  M,D
Mechanical and Aerospace Design  I  B,M,D
Aerospace Propulsion  A  B,M
Mechanical and Aerospace Design  I  B,M,D

29025181
UNIVERSITY OF MISSOURI
School of Administration
5100 Rockhill Road
Kansas City, Missouri 64110
(816) 276-1000

Program
Transportation  I  C

29025221
WENTWORTH MIL. ACAD. & JR. COLLEGE
Lexington, Missouri 64067
Aviation Program Director
(816) 259-2221

Program
Pilot Training  A  B,M,O

29091391
MAPLE WOODS COMMUNITY COLLEGE
Careers Department
2601 N.E. Barry Rd.
Kansas City, Missouri 64156
Mr. John Leheney
Registrar
(816) 436-6500 Ext. 58

Program
Airframe Maintenance  A  C
Powerplant Maintenance  A  A
Airframe and Powerplant Maintenance  A  A
Airframe Maintenance  A  A
Aviation Maintenance Management  A  A
29091392
MAPLE WOODS COMMUNITY COLLEGE
2601 N.E. Barry Rd.
Kansas City, Missouri 64156
Mr. Keith Kauer
Aviation Instructor
Program Mode Degree
Aviation Flight Technology A A

29990001
PENN VALLEY COMMUNITY COLLEGE
3201 Southwest Trafficway
Kansas City, Missouri 64111
Aviation Program Director
(816) 756-2800
Program Mode Degree
Aviation Ground School A O

29990291
ROLLA AREA VOCATIONAL-TECHNICAL SCHOOL
1304 East Tenth St.
Rolla, Missouri 65401
James R. Smith
Director
(314) 364-3726
Program Mode Degree
Auto Mechanic H C
Auto Body Repair & Refinishing H C
Welding Technology H C

30025321
MONTANA STATE UNIVERSITY
Department of Agricultural and Industrial Education
Bozeman, Montana 59715
Dr. Max L. Amberson
Department Head
(406) 994-2132
Program Mode Degree
Motive Power I B

30025322
MONTANA STATE UNIVERSITY
Department of Agricultural Economics and Economics
Bozeman, Montana 59715
Dr. Richard J. McConnen
Department Head
(406) 994-3701
Program Mode Degree
Applied Economics (Transportation Economics) I M

30025323
MONTANA STATE UNIVERSITY
Department of Civil Engineering
Bozeman, Montana 59715

Continued
Dr. Glen L. Martin
Department Head
(406) 994-2111
Program Mode Degree
Transportation Engineering (Includes Trans. Planning) I B,M,D
Pipeline Engineering P B,M,D
Fluid Mechanics and Hydraulic Engineering W B,M,D
Structural Engineering (Bridges and Other Structures) I B,M,D
Environmental Engineering (Includes Environmental Impacts) E B,M,D

30025324
MONTANA STATE UNIVERSITY
Department of Earth Sciences
Bozeman, Montana 59715
Professor Milton J. Edie
Department Head
(406) 994-2111
Program Mode Degree
Geography of Trade and Transportation I B

30025325
MONTANA STATE UNIVERSITY
Department of Psychology
Bozeman, Montana 59715
Dr. William D. Bliss
Department Head
(406) 994-3801
Program Mode Degree
Human Factors/Engineering Psychology I M

30025326
MONTANA STATE UNIVERSITY
Department of Secondary Education and Foundations
Bozeman, Montana 59715
Dr. Henry M. Worrest
Department Head
(406) 994-4752
Program Mode Degree
Traffic and Safety Education H B,M,D

30025331
NORTHERN MONTANA COLLEGE
Vocational Technical Division
 Havre, Montana 59501
Dr. Albert Vander Linde
Dean, Vocational Technical Division
(406) 265-7821 Ext. 296
Degree Level Programs

30025331  Continued
Program Mode Degree
Construction Engineering Technology - Civil Option H A

30067771
FLATHEAD VALLEY COMMUNITY COLLEGE
P.O. Box 1174
Kalispell, Montana 59901
Aviation Program Director
(406) 752-3411
Program Mode Degree
Aviation Ground School A O

31025391
CHADRON STATE COLLEGE
School of Science and Technology
10th & Main
Chadron, Nebraska 69337
Jack L. Swanson
Dean of School of Science and Technology
(308) 432-4451 Ext. 366
Program Mode Degree
Air Pilot Training A C,A
Driver Education Instructors H B
Automotive Technology H A

31025651
UNIVERSITY OF NEBRASKA-LINCOLN
Department of Economics
Lincoln, Nebraska 68508
John Richard Felton
Director of Graduate Studies
(402) 472-2318
Program Mode Degree
Transportation I M

31025652
UNIVERSITY OF NEBRASKA - LINCOLN
Department of Chemical Engineering
Lincoln, Nebraska 68508
Dr. William A. Scheller
Professor and Chairman
(402) 472-2750
Program Mode Degree
Thesis Research On Additives For Automotive Fuel H M,D

31025653
THE UNIVERSITY OF NEBRASKA - LINCOLN
Department of Civil Engineering
129 Bancroft Hall
Lincoln, Nebraska 68508

31025653  Continued
Professor Edward N. Wilson
Department Chairman
(402) 472-2371
Program Mode Degree
Structural Engineering I B,M
Geotechnic Engineering I B,M
Transportation Engineering I B,M
Water Resources Engineering W B,M

31025654
THE UNIVERSITY OF NEBRASKA - LINCOLN
Department of Electrical Engineering
194 W Nebraska Hall
Lincoln, Nebraska 68508
Professor W. L. Brogan
Acting Department Chairman
(402) 472-3771
Program Mode Degree
Power Engineering I B,M,D
Systems and Control Engineering I B,M,D
Digital Systems I B,M,D

31025655
UNIVERSITY OF NEBRASKA-LINCOLN
Community and Regional Planning
203 Richards Hall
Lincoln, Nebraska 68508
Roger M. Massey
Professor and Chairman
(402) 472-3681
Program Mode Degree
Community and Regional Planning I M

31080251
UNIVERSITY OF NEBRASKA SCHOOL OF TECHNICAL AGRICULTURE
Agricultural Land and Water Technology
Curtis, Nebraska 69025
Gerald Sundquist
Department Head
(308) 367-8389
Program Mode Degree
Agricultural Land and Water Technology H A

31116671
NORTHEAST NEBRASKA TECHNICAL COMMUNITY COLLEGE
801 East Benjamin Avenue
Norfolk, Nebraska 68701
Gary V. Lund
Associate Dean of Instructional Services
(402) 371-2020 Ext. 225
Program Mode Degree
Auto Mechanics H A
Auto Service Center Mechanics H C
Auto Body and Fender Repair H A
Diesel Mechanics H A
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<td>SOUTHEAST COMMUNITY COLLEGE-MILFORD CAMPUS</td>
<td>Auto &amp; Diesel Occupations; Milford, Nebraska 68405; James C. Power; (402) 761-2131</td>
<td>Program: Auto Body Technology, Auto Mechanics Technology, Diesel Technology, Auto Parts Counterperson and Management Technology</td>
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<td>Sidney, Nebraska 69162; Tom Dindinger; (308) 254-5450</td>
<td>Program: Aviation Maintenance Technology, Auto Mechanics Technology, Auto Body Technology, Diesel Truck Technology, Diesel Farm Tractor Technology, Heavy Equipment Operations Technology, Electronics Technology, Drafting Technology (Civil &amp; Mechanical)</td>
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<td>Urban Campus; 3615 Burt Street, Omaha, Nebraska 68131; Dr. G.T. Halbrooks, (402) 334-8000</td>
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<td>Program: Private, Commercial, Cfi, Aerial Appl.- F/W &amp; Helicopter, Transportation Engineering, Materials, Structures, Hydraulics - Hydrology</td>
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<td>Civil Engineering; Reno, Nevada 89507; Dr. Richard G. Orcutt; Chairman, Civil Engineering Department; (702) 784-6937</td>
<td>Program: General Civil Engineering, Transportation Engineering, Materials, Structures, Hydraulics - Hydrology</td>
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<td>901 Eim Street, Elko, Nevada 89801; (702) 738-8494</td>
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<td>WESTERN NEVADA COMMUNITY COLLEGE</td>
<td>4815 Echo Avenue, Reno, Nevada 89506; Max K. Johnson; Dean of Instruction; (702) 972-0701</td>
<td>Program: Environmental Studies, Automotive Technology, Aviation Ground School, Marine Navigation and Maritime Arts</td>
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<td>32990211</td>
<td>SOUTHERN NEVADA VOCATIONAL-TECHNICAL CENTER</td>
<td>Airframe &amp; Powerplant Department; 5710 Mt. Vista Drive, Las Vegas, Nevada 89120</td>
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**DARTMOUTH COLLEGE**

Linden G. Wasson
Department Chairman
(702) 451-1088 Ext. 44

Thayer School of Engineering
Hanover, New Hampshire 03755

Linden G. Wasson
Department Chairman
(702) 451-1088 Ext. 44

S. R. Stearns
Professor of Civil Engineering
(603) 846-2226

**Program**

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**NATHANIEL HAWTHORNE COLLEGE**

Aviation Department
Antrim, New Hampshire 03440

Major George W. Gibson
Director Aviation Program
(603) 464-5586

**Program**

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**UNIVERSITY OF NEW HAMPSHIRE**

Department of Civil Engineering
Kingsbury Hall
Durham, New Hampshire 03824

Associate Professor R. P. Vreeland
Department Chairman
(603) 862-1428

**Program**

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**UNIVERSITY OF NEW HAMPSHIRE**

Institute of Natural and Environmental Resources
Durham, New Hampshire 03824

Dr. E. F. Jansen
Associate Professor
(603) 862-1700

**Program**

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**KEENE STATE COLLEGE, UNIVERSITY OF NEW HAMPSHIRE**

Education Department
229 Main St.
Keene, New Hampshire 03431

Janice L. Hastings
Institutional Research Assistant
603-1909 Ext. 226

**Program**

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**PLYMOUTH STATE COLLEGE, UNIVERSITY OF NEW HAMPSHIRE**

Division of Continuing Education
Plymouth, New Hampshire 03264

Dr. Julian Shlaeger
Director
(603) 536-1550

**Program**

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**NEW ENGLAND AERONAUTICAL INSTITUTE**

University Drive
Nashua, New Hampshire 03031

Professor Jacob D. Kertz
Director of Flight Operations
(603) 883-3556

**Program**

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**NEW HAMPSHIRE VOCATIONAL-TECHNICAL COLLEGE**

Prescott Hill
Laconia, New Hampshire 03246

Director Robert H. Turner
(603) 524-3207

**Program**

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**CUMBERLAND COUNTY COLLEGE**

Admissions Office
P.O. Box 517
Vineland, New Jersey 08360

Harvey L. Smith
Coordinator of Admissions
(609) 691-8600 Ext. 40
Program Transportation and Distribution Management I A

FAIRLEIGH DICKINSON UNIVERSITY
Vice President For Academic Affairs
Montross Ave.
Rutherford, New Jersey 07070
Edward J. Boardman
Assistant to the Vice President For Academic Affairs
(201) 933-5000

Program Materials Science I M
Systems Science I M
Civil & Construction Engineering Tech. I B
Environmental Science I B
Engineering Technology: Construction Option I B
Urban Systems I B

FAIRLEIGH DICKINSON UNIVERSITY
Business Administration
Rutherford, New Jersey 07070
(201) 933-5000

Program Traffic Management I A

MIDDLESEX COUNTY COLLEGE
Chemistry Department
Mill Road & Woodbridge Ave.
Edison, New Jersey 08817
Robert Smith
Acting Director Environmental Health Science
Program (201) 548-6000 Ext. 313

Program Environmental Health Science Technology E A

MONTCLAIR STATE COLLEGE
Department of Geography and Urban Studies
Normal Ave.
Upper Montclair, New Jersey 07043
Professor Bertrand P. Boucher
Department Chairman
(201) 893-5258

Program Man and His Environment E B
Urbanization and Environment E B
Problems in Urban Geography U B
Geo-Ecology E B
Urban Systems and Planning U M
Functional Characteristics of Cities U M

OCEAN COUNTY COLLEGE
Civil Engineering Technologies Department
College Drive
Toms River, New Jersey 08753
Dr. William C. Porter
Department Chairman
(201) 255-4000

Program Surveying H A
Mechanics of Materials I A
Design of Structure I A
Design of Concrete H A
Highway Design H A

PRINCETON UNIVERSITY
Princeton, New Jersey 08540
Chairman, Engineering Department
(609) 452-3000

Program Aerospace Engineering A B

STEVEN'S INSTITUTE OF TECHNOLOGY
Chemistry and Chemical Engineering
Castle Point Station
Hoboken, New Jersey 07030
Professor Joseph Biesenberger
Head of Department
(201) 792-2700

Program Polymer Engineering P B,M,D

STEVEN'S INSTITUTE OF TECHNOLOGY
Civil Engineering Division, Mechanical Engineering Department
Castle Point Station
Hoboken, New Jersey 07030
Professor Sidney F. Borg
Chairman
(201) 792-2700

Program Civil Urban-Environmental Engineering H B,M,D
Civil Urban-Environmental Engineering U B,M,D
Structures H B,M,D
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#### 34026394

**STEVENS INSTITUTE OF TECHNOLOGY**

*Management Science*

Castle Point Station, Hoboken, New Jersey 07030

Professor Arthur Shapiro

Head of Department

(201) 792-2700

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#### 34026395

**STEVENS INSTITUTE OF TECHNOLOGY**

*Mechanical Engineering*

Castle Point Station, Hoboken, New Jersey 07030

Professor Fernando Sisto

Head of Department

(201) 792-2700

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#### 34026396

**STEVENS INSTITUTE OF TECHNOLOGY**

*Ocean Engineering*

Castle Point Station, Hoboken, New Jersey 07030

Dr. John P. Breslin

Head of Department

(201) 792-2700

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#### 34026421 Continued

Dr. William J. Medve

Director, Traffic Safety Program

(609) 771-2195

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#### 34047401

**MERCER COUNTY COMMUNITY COLLEGE**

Department of Engineering/Architecture

1200 Old Trenton Rd.

Trenton, New Jersey 08690

John V. Santosuosso

Chairman

(609) 586-4800 Ext. 431

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#### 34068651

**CAMDEN COUNTY COLLEGE**

Box 200

Blackwood, New Jersey 08012

Martin W. Schwartz

Director of Research and Development

(609) 227-7200 Ext. 351

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#### 34069011

**GLOUCESTER COUNTY COLLEGE**

Mathematics/Technology Division

Tanyard Rd.

Sewell, New Jersey 08080

Kenneth Solem

Division Chairman

(609) 468-5000 Ext. 250

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34069641
RUTGERS UNIVERSITY, NEW BRUNSWICK
Civil and Environmental Engineering
Busch Campus
New Brunswick, New Jersey 08903
Dr. Joel Wiesenfeld
Department Chairman
(201) 932-2232

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34069642
RUTGERS UNIVERSITY
Department of Urban Planning
Livingston College
New Brunswick, New Jersey 08903
Melvin R. Levin
Department Chairman
(201) 932-4100

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34071071
ESSEX COUNTY COLLEGE
Dept. of Business, Accounting & Economics
31 Clinton St.
Newark, New Jersey 07102
Mr. Frank Virgintino
Chairman, Dept. of Business, Accounting & Economics
(201) 621-2200 Ext. 240

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34077311
Continued
Dr. Robert Kahrmann
Director
(201) 526-1200

Program: Environmental & Laboratory Science Technology

34077312
SOMERSET COUNTY COLLEGE
P.O. Box 3300
Somerville, New Jersey 08876
Aviation Program Director
(201) 526-1200

Program: Aviation Ground School

34093441
RAMAPO COLLEGE OF NEW JERSEY
Ramapo Valley Road
Mahwah, New Jersey 07430
Thomas Fountain
Administrator of Grants
(201) 825-2800 Ext. 250

Program: Environmental Studies

35026551
NEW MEXICO JUNIOR COLLEGE
Lovington Highway
Hobbs, New Mexico 88240
Aviation Program Director
(505) 392-6526

Program: Aviation Ground School

35026611
EASTERN NEW MEXICO UNIVERSITY, ROSWELL
Vocational Studies
P.O. Box 6761
Roswell, New Mexico 88201
Dr. J. Karl Doss
Director
(505) 347-5441 Ext. 280

Program: Aviation Maintenance Technology

35026621
UNIVERSITY OF ALBUQUERQUE
Aerospace Resource Center
St. Joseph Place, N.W.
Albuquerque, New Mexico 87116
### Degree Level Programs

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<tr>
<td>John W. Demyanovich</td>
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<tr>
<td>Director of Aerospace Programs</td>
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<td>(505) 243-8461 Ext. 334 or 244</td>
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**35071361**

**NEW MEXICO STATE UNIVERSITY**

Donna Ana County Occupational Education Branch
Box 3DA
Las Cruces, New Mexico 88003
Alex A. Sanchez
Director
(505) 646-3211

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**35103121**

**UNIVERSITY OF NEW MEXICO**

Department of Civil Engineering
Albuquerque, New Mexico 87131
Professor C. L. Hulsbos
Head of the Department
(505) 277-2722

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**36026651**

**ACADEMY OF AERONAUTICS**

La Guardia Airport
Flushing, New York 11371
George W. Brush
Executive Dean
(212) 429-6600

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**36026661**

**ADELPHI UNIVERSITY**

School of Business Administration
Business Building, Rm. 102
Garden City, New York 11530
Irving E. Morrill
Coordinator, Transportation, Travel, Tourism
(516) 791-9300

<table>
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**36026671**

**DOWLING COLLEGE**

Aeronautics Program
Idle Hour Blvd.
Oakdale, New York 11769
Professor Robert Smith
Director of Aeronautics
(516) 589-6100

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**36026681**

**CITY UNIVERSITY OF NEW YORK**

Office of Admission Services
875 Avenue of the Americas
New York, New York 10001
Lester Brailey
Dean For Admission Services

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**36026682**

**CITY UNIVERSITY OF NEW YORK, STATEN ISLAND COMMUNITY COLLEGE**

Civil Technology
715 Ocean Terrace
Staten Island, New York 10301
Alex V. Tufano
Department Chairman
(212) 390-7521

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**36026871**

**NEW YORK CITY COMMUNITY COLLEGE OF CITY UNIVERSITY OF NEW YORK**

Division of Technology
300 Jay Street
Brooklyn, New York 11201
36026871  Continued
Dr. S.M. Brodsky
Associate Dean of Faculty and Division Chairman
(212) 643-8153

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<tr>
<td>Automotive Technology</td>
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<tr>
<td>Civil Technology—Survey, Design, Soil, Water Supply, Etc.</td>
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<tr>
<td>Design-Drafting Technology - Piping, Ducting</td>
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<tr>
<td>Environmental Technology-Piping, Air &amp; Noise Pollution</td>
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<td>Fire Protection Technology - Fluids, Piping, Water Systems</td>
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<tr>
<td>Mechanical Technology-Mats Handig, Hydraulics, Pneumatics</td>
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36026881
CITY UNIVERSITY OF NEW YORK, CITY COLLEGE
Department of Civil Engineering
Convent Ave. at 138th St.
New York, New York 10031
J. Pistrang
Professor of Civil Engineering
(212) 621-2228

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36026891
CITY UNIVERSITY OF NEW YORK, HUNTER COLLEGE
695 Park Ave.
New York, New York 10021
Aviation Program Director
(212) 360-5566

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<td>Aviation Ground School</td>
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36026971
STATE UNIVERSITY OF NEW YORK, QUEENSBOROUGH COMMUNITY COLLEGE
Department of Business
56th Ave. & Springfield Blvd.
Bayside, New York 11364
Dr. George Alterman
Dean of Instruction and Academic Affairs
(212) 631-6344

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36026991
CLARKSON COLLEGE OF TECHNOLOGY
Department of Civil and Environmental Engineering
Potsdam, New York 13676

36026991  Continued
Dr. Arthur L. Straub
Professor
(315) 268-6506 or 268-6529

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36027071
COLUMBIA UNIVERSITY
Civil Engineering
610 S.W. Mudd
New York, New York 10027
R. Vaicaitis
Assistant Professor
(212) 280-2396

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<td>Transportation Engineering (Minor)</td>
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36027072
COLUMBIA UNIVERSITY
Division of Urban Planning
410 Avery Hall
New York, New York 10027
Sigurd Grava
Professor of Urban Planning
(212) 280-3513

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36027111
CORNELL UNIVERSITY
Department of Agricultural Engineering
Riley-Robb Bldg.
Ithaca, New York 14850
Lynne H. Irwin
Professor of Agricultural Engineering
(607) 256-2297

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<td>Bituminous Materials and Pavement Design</td>
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<td>Transportation Policies For Developing Nations</td>
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36027112
CORNELL UNIVERSITY
Graduate School of Business and Public Administration
Malott Hall
Ithaca, New York 14850
Degree Level Programs

36027112  Continued
David A. Thomas
Associate Dean
(607) 256-5037

Program Mode Degree
Transportation I M

36027113
CORNELL UNIVERSITY
Ithaca, New York 14850
Chairman, Engineering Department
(607) 256-1000

Program Mode Degree
Aerospace Engineering-5 Yr. Prog. A B

36027581
MANHATTAN COLLEGE
Civil Engineering
Bronx, New York 10471
William A. Brown, Ph.D. P.E.
Associate Professor and Chairman
(212) 548-1400 Ext. 283

Program Mode Degree
Transportation Engineering I B

36027851
NEW YORK UNIVERSITY
The Center For Safety
329 Shimkin, 50 West 4th St.
New York, New York 10003
Professor John V. Grimaldi
Director, the Center For Safety
(212) 598-2156

Program Mode Degree
Highway Safety Research H O,M,D
Driver and Traffic Safety Education H O,M,D
Biomechanics H M,D
Occupational Safety and Health H M,D
Driver Training For Instructors H C
Safety Education H M,D

36027881
NIAGARA UNIVERSITY
Institute of Transportation, Travel & Tourism
Niagara University, New York 14109
Dr. Samuel I. Porrath
Chairman
(716) 285-1212 Ext. 311

Program Mode Degree
Transportation, Travel & Tourism I B
Carrier Operations & Physical Distribution Mgt I B
Personal Travel & Hospitality I B
Development & Promotion of Travel & Tourism Resources I B

36027961
POLYTECHNIC INSTITUTE OF NEW YORK
Department of Aerospace Engineering & Applied Mechanics
333 Jay St.
Brooklyn, New York 11201
Dr. Joseph Kempner
Professor and Head of Department
(212) 643-2010

Program Mode Degree
Aerospace Engineering A B
Aeronautics and Astronautics A M,D
Applied Mechanics I M,D

36027962
POLYTECHNIC INSTITUTE OF NEW YORK
Department of Transportation Planning & Engineering
333 Jay St.
Brooklyn, New York 11201
Dr. Louis J. Pignataro
Professor and Head of Department
(212) 643-5272

Program Mode Degree
Traffic Engineering H O,M,D
Operations and Control I O,M,D
Urban Planning U O,M,D
Transportation Planning I O,M,D
Public Transportation U O,M,D
Transportation Safety and Environment I O,M,D
Facility Design and Operation I O,M,D

36027963
POLYTECHNIC INSTITUTE OF NEW YORK
Department of Civil Engineering
333 Jay St.
Brooklyn, New York 11201
Professor Henry F. Soehngen
Department Head
(212) 643-8575

Program Mode Degree
Structural Engineering H M,D
Environmental Engineering E M,D
Water Resources and Hydraulic Engineering E M,D
Environmental Engineering Planning E M,D
Geotechnical Engineering H M,D
Highway Engineering H M,D

36028031
RENSSELAER POLYTECHNIC INSTITUTE
Aeronautical Engineering and Astronautics
Troy, New York 12181
Professor Robert E. Duffy
Department Chairman
(518) 270-6374
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<td>Forest Engineering (Photogrammetry Option)</td>
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<tr>
<td>Wood Products Engineering (Building Construction Option)</td>
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#### 36028531
STATE UNIVERSITY OF NEW YORK, MARITIME COLLEGE

Fort Schuyler
Bronx, New York 10465
William R. Porter
Vice President Academic Affairs
(212) 892-3000

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<td>Meteorology and Oceanography</td>
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#### 36028551
STATE UNIVERSITY OF NEW YORK AT CANTON
Agricultural & Technical College
Cornell Drive
Canton, New York 13617
Charles O. Holland
Director of Admissions
(315) 386-7123

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#### 36028571
STATE UNIVERSITY OF NEW YORK, AGRICULTURAL AND TECHNICAL COLLEGE AT DELHI

Vocational Division
Engineering Technologies Division
Delhi, New York
George Duncan
Chairman, Engineering Technologies Division
(607) 746-4225

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<td>Materials of Engineering</td>
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#### 36028572
STATE UNIVERSITY OF NEW YORK, AGRICULTURAL & TECHNICAL COLLEGE AT DELHI

Vocational Division
Delhi, New York 13753
Dan Moskwa
Chairman, Vocational Division
(607) 746-4118

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#### 36028581
STATE UNIVERSITY AGRICULTURAL & TECHNICAL COLLEGE AT FARMINGDALE
Technology
Melville Rd.
Farmingdale, N.Y. 11735
Louis T Howard
Department Chairman
(516) 420-2039

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#### 36028591
STATE UNIVERSITY OF NEW YORK
AGRICULTURAL AND TECHNICAL COLLEGE AT MORRISVILLE
Office of Institutional Research
Morrisville, New York 13408
David L. O'Hara
Office of Institutional Research
(315) 684-7010

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<td>General Mechanic</td>
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<tr>
<td>Natural Resources Conservation</td>
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#### 36028601
STATE UNIVERSITY OF NEW YORK, ADIRONDACK COMMUNITY COLLEGE
Glens Falls, New York 12801
Dr. Charles R. Eisenhart
President
(518) 793 4491

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#### 36028621
STATE UNIVERSITY OF NEW YORK, BROOME COMMUNITY COLLEGE
Civil Technology Department
907 Front St.
Binghamton, New York 13902
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<tr>
<td>S. G. Steele</td>
<td>Chairman, Civil Technology Department</td>
<td>607-772-5010</td>
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<td>36028631</td>
<td>CORNING COMMUNITY COLLEGE</td>
<td>Spencer Hill Campus</td>
<td>Aviation Program Director</td>
<td>Transportation and Traffic</td>
<td>Mode</td>
<td>Degree</td>
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<tr>
<td>36028641</td>
<td>STATE UNIVERSITY OF NEW YORK, DUTCHESS</td>
<td>Poughkeepsie, New York 12601</td>
<td>Dr. Lawrence H. Monaco</td>
<td>Automotive Technology</td>
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<tr>
<td>36028651</td>
<td>STATE UNIVERSITY OF NEW YORK, ERIE</td>
<td>North Campus D.O.C.E.</td>
<td>Professor J. Cristina</td>
<td>Civil Technology - Highway</td>
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<td>Transportation &amp; Distribution</td>
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<td>36028661</td>
<td>ROCHESTER INSTITUTE OF TECHNOLOGY</td>
<td>Rochester, New York 14623</td>
<td>Dr. Robert D. Pease</td>
<td>Environmental Science</td>
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<td>36028671</td>
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<td>Alfred Mastrangeli</td>
<td>Civil Technology - Highway</td>
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<td>36028681</td>
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<td>Dr. Leonard Spiegel</td>
<td>Engineering Science</td>
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<td>36028691</td>
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<td>COMMUNITY COLLEGE</td>
<td>Jamestown, New York 14701</td>
<td>Division Chairman</td>
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### Degree Level Programs

#### 36028711
**STATE UNIVERSITY OF NEW YORK, MOHAWK VALLEY COMMUNITY COLLEGE**
Civil Technology Department
1101 Sherman Drive
Utica, New York 13501
John Mcmillan
Department Head
(315) 792-5376

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#### 36028721
**STATE UNIVERSITY OF NEW YORK, MONROE COMMUNITY COLLEGE**
Civil Technology
1000 East Henrietta Road
Rochester, New York 14623
Steven Lesko
Department Chairperson
(716) 442-9950 Ext. 287

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#### 36028731
**STATE UNIVERSITY OF NEW YORK, NASSAU COMMUNITY COLLEGE**
Engineering Science, Physics and Technology
Stewart Ave.
Garden City, New York 11530
Professor William Hershcopf
Head of Department
(516) 742-0600 Ext. 281

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#### 36028741
**STATE UNIVERSITY OF NEW YORK, NIAGARA COUNTY COMMUNITY COLLEGE**
Division of Math, Physical Science, & Technology
3111 Saunders Settlement Rd.
Sanborn, New York 14132
Associate Professor Don Voisinet
(716) 731-3271 Ext. 201

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#### 36028751
**ONONDAGA COMMUNITY COLLEGE**
Syracuse, New York 13215
Thomas A. Maroney
Director, Continuing Education Division
(315) 469-7741

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#### 36028761
**ORANGE COUNTY COMMUNITY COLLEGE**
Middletown, New York 10940
Aviation Program Director
(914) 343-1121

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#### 36028771
**STATE UNIVERSITY OF NEW YORK, SULLIVAN COUNTY COMMUNITY COLLEGE**
Division of Civil Technology
Loch Sheldrake, New York 12759
David Wahlstrom
Chairman
(914) 434-5750

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#### 36028781
**STATE UNIVERSITY OF NEW YORK, WESTCHESTER COMMUNITY COLLEGE**
Division of Technical Sciences
75 Grasslands Rd.
Valhalla, New York 10595
Dr. William Krummel
Division Chairman
(914) 946-1816

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#### 36028791
**SYRACUSE UNIVERSITY**
Urban Transportation Institute
607 University Ave.
Syracuse, New York 13210
Contact Individual Departments
(315) 423-1870

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Degree Level Programs

36029001  Continued
Mrs. Carol Land
Registrar
(516) 671-2213
Program  Mode  Degree
Naval Architecture and Marine Engineering  W  B

36047601
RICHMOND COLLEGE, CITY UNIVERSITY OF NEW YORK
Division of Pure and Applied Sciences
130 Stuyvesant Place
Staten Island, New York 10301
Leonard P. Winkler
Assistant Professor of Engineering Science
(212) 720-3011
Program  Mode  Degree
Environmental Science  E  M
Transportation Systems  I  M
Environmental Engineering  E  B

36047881
STATE UNIVERSITY OF NEW YORK, HERKIMER COUNTY COMMUNITY COLLEGE
Humanities Division
Reservoir Rd.
Herkimer, New York 13350
Robert Pring
Division Chairman
(315) 866-0300 Ext. 51
Program  Mode  Degree
Travel and Tourism  I  A

36071091
STATE UNIVERSITY OF NEW YORK, AT OLD WESTBURY
Urban and Regional Studies Program
P.O. Box 210
Old Westbury, New York 11568
Professor Ralph A. Leal
Director, Office of Analytical Studies
(516) 878-3108 or 3109
Program  Mode  Degree
Urban and Regional Studies Program  I  B

36990901
UNITED STATES MERCHANT MARINE ACADEMY
Engineering
Kings Point, New York 11024
Head, Department of Engineering
(516) 482-8200 Ext. 472
Program  Mode  Degree
Marine Engineering  W  B

36990301
CAYUGA-ONONDAGA COUNTIES BOARD OF COOPERATIVE EDUCATION SERVICES
Adult and Continuing Education
234 South Street Rd.
Auburn, New York 13021
Mr. Clifford G. Cole
Director of Occupational Education
(315) 253-0361
Program  Mode  Degree
Auto Mechanics (Basic)  H  O
Auto Mechanics (Intermediate)  H  O
Auto Mechanics (Advanced)  H  O
Diesel Engine Repair  H  O
Heavy Equipment Operation and Repair  H  O

37029051
NORTH CAROLINA A&T STATE UNIVERSITY
Transportation Institute
Merrick Hall
Greensboro, North Carolina 27411
Professor Arthur Saltzman
Director
(919) 379-7745
Program  Mode  Degree
Interdisciplinary Transportation Minor  I  C
Urban Transportation Planning  U  O
Transportation Economics  I  O
Transportation Engineering  I  O
Traffic Management  I  O
City Planning  I  O
Transit Management  U  O

37029061
APPLACHIAN STATE UNIVERSITY
Center For Safety and Driver Education
345 Edwin Duncan Hall
Boone, North Carolina 28608
Dr. Charles McDaniel
Director, Center For Safety and Driver Education
(704) 262-3143
Program  Mode  Degree
Driver and Traffic Safety Education  H  B,M
Advanced Driving Maneuvers Program  H  C
Mobile Emergency Medical Technician Training Program  H  O
Motorcycle Safety Instructor Program  H  C

37029151
CENTRAL PIEDMONT COMMUNITY COLLEGE
Business
Elizabeth Avenue At Kings Drive, Box 4009
Charlotte, North Carolina 28204
John L. Sauder
Assistant to Executive Vice President
(704) 373-6992

78
37029151 Continued

Program  Mode  Degree
Economics of Transportation  H  A
Highway Transportation  H  A
Motor Carrier Rates  H  A
Transportation Law  H  A
Traffic Management  H  A
Railroad Transportation  R  A
Traffic Claims  H  A
Business Administration (Transportation Option)  H  A

37029191
DAVIDSON COUNTY COMMUNITY COLLEGE
Transportation Management Department
P.O. Box 1287
Lexington, North Carolina 27292
Thomas R. Asbury
Transportation Instructor
(704) 249-8186

Program  Mode  Degree
Air  A  A
Highway  A  A
Pipeline  A  A
Rail  A  A
Water  W  A

37029192
DAVIDSON COUNTY COMMUNITY COLLEGE
Department of Business Education
I-85 and Old Greensboro Road, P.O. Box 1287
Lexington, North Carolina 27292
Tom Asbury
Instructor
(704) 249-8186

Program  Mode  Degree
Traffic & Transportation  H  A
Transportation Management  I  A

37029201
DUKE UNIVERSITY
Department of Civil Engineering
School of Engineering
Durham, North Carolina 27706
Jarir S. Dajani
Assistant Professor
(919) 489-0304

Program  Mode  Degree
Civil Engineering  U  B
Civil Engineering  E  B
Transportation Systems  U  M,D
Environmental Engineering  E  M,D

37029231 Continued

Robert M. Ussery
Director of Institutional Research
(919) 758-6288

Program  Mode  Degree
Aerospace Studies (R O T C)  A  O
Economics  I  B,M
Planning (Geography Department)  U  O
Environmental Health  E  B
Geology  W  B,M
Community Health  E  B

37029261
ELIZABETH CITY STATE UNIVERSITY
Parkview Drive
Elizabeth City, North Carolina 27909
Floyd B. Holley, Ed.D
Vice Chancellor/Academic Affairs
(919) 335-0551 Ext. 260

Program  Mode  Degree
Economics (Concentration in Business Administration)  C  B
Environmental Education (Concentration)  E  B

37029401
LENOIR COMMUNITY COLLEGE
Vocational-Technical Division
Post Office Box 188
Kinston, North Carolina 28501
Mr. Guy Peterson
Associate Dean
(919) 527-6223

Program  Mode  Degree
Aviation Management Technology  A  A
Aviation Management Technology-Career Pilot Option  A  A
Drafting and Design Technology  I  A
Electromechanical Engineering Technology  I  A
Electronic Engineering Technology  I  A
Automotive Mechanics  H  C

37029721
NORTH CAROLINA STATE UNIVERSITY
Mechanical and Aerospace Engineering
Raleigh, North Carolina 27607
Dr. C. F. Zorowski
Department Head
(919) 737-2365

Program  Mode  Degree
Aerospace Engineering  A  B
Mechanical Engineering (Automotive Engineering)  H  B
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37054471
RANDOLPH TECHNICAL INSTITUTE
Continuing Education Division
P.O. Drawer 1009
Asheboro, North Carolina 27203
Benny B. Hampton
Dean, Continuing Education
(919) 629-4171
Program
Aviation Ground School (For Private
Pilot License Requirements)

37054491
CENTRAL CAROLINA TECHNICAL INSTITUTE
1105 Kelly Drive
Sanford, North Carolina 27330
Avron B. Upchurch
Dean of Instruction
(919) 775-5401
Program
Auto Mechanics
Motorcycle Mechanics

37054631
TECHNICAL INSTITUTE OF ALAMANCE
411 Camp Road
Burlington, North Carolina 27215
Dr. Miles L. Eckard
Dean of Instruction
(919) 227-7471
Program
Chemical Technology
Transportation Maintenance
Automotive Mechanics

3705741
ROWAN TECHNICAL INSTITUTE
Fire & Safety Department
P.O. Box 1555
Salisbury, North Carolina 28144
Joel M. Freeman
Dean of Occupational Education
(704) 637-0760
Program
Industrial Safety & Health Engineering Technology

37076401 Continued
Program
Civil Engineering Technology
Major Area of Concentration: Drafting,
Soils, Materials, Elementary
Structural Design And Estimating

37079861
HALIFAX COUNTY TECHNICAL INSTITUTE
Continuing Education
P. O. Drawer 809
Weldon, North Carolina 27890
William T. Stanley
Assistant Dean of Evening Programs
(919) 536-4152
Program
Driver Education
Pilot Ground School
Aerospace Workshop

37080841
COASTAL CAROLINA COMMUNITY COLLEGE
Civil Engineering
222 Georgetown Rd.
Jacksonville, North Carolina 28540
John Gay
Dean of Students
(919) 455-1221
Program
Surveying Technology

37084661
SOUTHWESTERN TECHNICAL INSTITUTE
Department of Human Services
Webster Rd.
Sylva, North Carolina 28779
D. N. Irwin
Dean of Instruction
(704) 586-4091
Program
Environmental Science
Surveying

37085571
NASH TECHNICAL INSTITUTE
Automotive Department
P.O. Box 2347
Rocky Mount, North Carolina 27801
Merritt Matthews
Department Chairman
(919) 443-4011
Program
Transportation Maintenance
Automotive Mechanics
Automotive Body Repair
### Degree Level Programs

**3706121**
**ROBESON TECHNICAL INSTITUTE**
Drawer A
Lumberton, North Carolina 28358
Max H. Lippard
Administrative Assistant
(919) 738-7101

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<td>Basic Boating</td>
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**37094301**
**TRI-COUNTY TECHNICAL INSTITUTE**
Department of Community Colleges
P. O. Box 40
Murphy, North Carolina 28906
Vincent Crisp
President
(704) 837-5651

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**37096461**
**PIEDMONT AEROSPACE INSTITUTE**
Smith Reynolds Airport
P.O. Box 2720
Winston-Salem, North Carolina 27102
(919) 756-3130

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**37990081**
**JOHNSTON TECHNICAL INSTITUTE**
Vocational Department
Highway 301 South, P. O. Box 29
Smithfield, North Carolina 27577
William W. Franklin
Dean of Vocational Programs
(919) 963-2143

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**37990351**
**WAKE TECHNICAL INSTITUTE**
Engineering Technology Division
Route 10, Box 200
Raleigh, North Carolina 27603
Timothy L. Edwards
Dean of Engineering Technologies
(919) 772-0551 Ext. 272

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**38029881**
**BISMARCK JUNIOR COLLEGE**
Bismarck, North Dakota 58501
Aviation Program Director
(701) 223-4500

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**38029891**
**DICKINSON STATE COLLEGE**
Dickinson, North Dakota 58601
Dr. Robert A. Wheeler
Program Director
(701) 227-2147

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**38029911**
**LAKE REGION JUNIOR COLLEGE**
Civil Engineering Technology
Devils Lake, North Dakota 58301
Thomas M. Palmer
Head of Department
(701) 662-4951 Ext. 49 or 35

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**38029912**
**LAKE REGION JUNIOR COLLEGE**
Devils Lake, North Dakota 58301
Aviation Program Director
(701) 662-4951

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**38029921**
**MARY COLLEGE**
Apple Creek Rd.
Bismarck, North Dakota 58501
Tom Johnson
Vice President for Academic Affairs
(701) 255-4681

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38029941
MINOT STATE COLLEGE
Division of Education and Psychology
Minot, North Dakota 58701
Dr. Warren G. Allen
Division Chairman
(701) 838-6101 Ext. 365
Program Mode Degree
Driver and Traffic Education (Minor) H B

38029961
NORTH DAKOTA STATE SCHOOL OF SCIENCE
Civil Engineering Technology
North College St.
Wahpeton, North Dakota 58075
James A. Horton
Vice President For Academic Affairs
(701) 671-2416
Program Mode Degree
Environmental Science Technology E A
Mechanical Systems Design A C
Civil Engineering Technology H A

38030051
UNIVERSITY OF NORTH DAKOTA
Aviation Department College of Business and Public Administration
Grand Forks, North Dakota 58201
Professor John D. Odegard
Department Chairman
(701) 777-2791
Program Mode Degree
Aviation Administration, Business Core A B
Plus Prof. Pilot
Airport Administration, Business Core A B
Plus Air Support
Weather Modification, Specialized Pilot Training A C
Airline Stewardess Program A A

38030081
VALLEY CITY STATE COLLEGE
Valley City, North Dakota 58072
Aviation Program Director
(701) 845-4321
Program Mode Degree
Aviation Ground School A O

38092651
NORTH DAKOTA STATE UNIVERSITY
College of Engineering
Fargo, North Dakota 58102
(701) 237-8011
Program Mode Degree
Mechanical Engineering With Aerospace Specialization A B

39030151
BLISS COLLEGE
Evening Classes
3770 North High St.
Columbus, Ohio 43214
Gerald Wickham
President
(614) 267-8355
Program Mode Degree
Transportation & Traffic Management I C

39030181
BOWLING GREEN STATE UNIVERSITY
Bowling Green, Ohio 43403
(419) 372-2531
Program Mode Degree
Environmental Technology E B

39030321
THE CLEVELAND STATE UNIVERSITY
Department of Civil Engineering
Cleveland, Ohio 44115
Professor Clarence H. C. James
Department Chairman
(216) 687-2400
Program Mode Degree
Civil Engineering H B
Civil Engineering (Transportation Option) H M

39030501
JOHN CARROLL UNIVERSITY
School of Business
Cleveland, Ohio 44118
Arthur J. Noetzel
Academic Vice President
(216) 491-4207
Program Mode Degree
Physical Distribution I B
Logistics Analysis I B
Economics of Regulated Industries I B
Urban Economics U B
Environmental Economics E B

39030511
KENT STATE UNIVERSITY
Aerospace Technology Division
Kent, Ohio 44242
Dr. Peder A. Otterson
Coordinator
(216) 672-7911
Degree Level Programs

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KENT STATE UNIVERSITY
Department of Marketing and Transportation
Kont, Ohio 44242
Dr. Guy R. Banville
Department Chairman
(216) 672-2170

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KENT STATE UNIVERSITY, SALEM CAMPUS
Engineering Technologies
Salem-Lisbon Road, P.O. Box 91
Salem, Ohio 44460
Joseph A. Wendel
Supervisor of Engineering Technologies
(216) 332-0361

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LORAIN COUNTY COMMUNITY COLLEGE
Admissions Office
1005 North Abbe Road
Elyria, Ohio 44035
Timothy Boylan
Director of Admissions
(216) 365-4191

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39030682

LORAIN COUNTY COMMUNITY COLLEGE
1005 N. Abbe Road
Elyria, Ohio 44035
Aviation Program Director
(216) 365-4191

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OHIO UNIVERSITY
Athens, Ohio 45701
Mr. Francis Fuller
Chairman, Aviation Department
(614) 698-7971

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39031191

SINCLAIR COMMUNITY COLLEGE
Business Division
444 West Third St.
Dayton, Ohio 45402
Ned J. Sifferlen
Chairman, Business Administration Division
(513) 226-2917

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THE UNIVERSITY OF AKRON
Community & Technical College
304 E. Buchtel Ave.
Akron, Ohio 44325
Max M. Rule
Associate Professor
(216) 375-7379

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UNIVERSITY OF CINCINNATI
Cincinnati, Ohio 45221
Chairman, Engineering Department
(513) 475-8000

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UNIVERSITY OF TOLEDO
Community and Technical College
Toledo, Ohio 43606
39031311  Continued

Maurice Edgington  
Program Coordinator  
(419) 537-3361  

Program  
Mode  
Degree  
Traffic Management  I  A  

39031451  
YOUNGSTOWN STATE UNIVERSITY  
School of Business Administration  
Youngstown, Ohio 44503  
(216) 747-1492  

Program  
Mode  
Degree  
Transportation Management  I  A  

39040531  
CUYAHOGA COMMUNITY COLLEGE  
Western Campus  
7300 York Road  
Parma, Ohio 44130  
John Summa  
Coordinator, Aviation Technology  
(216) 845-4000 Ext. 397  

Program  
Mode  
Degree  
Aviation Technology-Pilot and General  A  A  
Aviation Careers  A  A  

39040532  
CUYAHOGA COMMUNITY COLLEGE - WESTERN CAMPUS  
Business Administration & Technologies  
7300 York Rd.  
Parma, Ohio 44130  
Dr. Frank E. Liguori  
Dean  
(227) 845-4000  

Program  
Mode  
Degree  
Aviation Technology  A  A  
Transportation Technology  I  A  

39046861  
UNIVERSITY OF CINCINNATI, RAYMOND WALTERS BRANCH  
Biology  
9555 Plainfield Rd.  
Cincinnati, Ohio 45236  
Judith Schultz  
Assistant Professor of Biology  
(513) 793-6010  

Program  
Mode  
Degree  
Environmental Control Technology  E  A  

39068041  
LAKELAND COMMUNITY COLLEGE  
Engineering Department  
Mentor, Ohio 44060  
Ralph Bell  
Engineering Department Chairman  
(216) 951-1000  

Program  
Mode  
Degree  
Civil/Architectural Engineering Technology  H  C,A  
Environmental Engineering Technologies  E  C,A  

39068671  
COLUMBUS TECHNICAL INSTITUTE  
Engineering Technologies  
550 East Spring St.  
Columbus, Ohio 43215  
(614) 221-6743  

Program  
Mode  
Degree  
Aviation Maintenance  A  A  
Aviation Administration  A  A  

39068830  
THE OHIO STATE UNIVERSITY  
School of Architecture  
190 West 17th Ave.  
Columbus, Ohio 43210  
Professor Jerrold Voss  
Chairman, City and Regional Planning  
(614) 422-5427  

Program  
Mode  
Degree  
City and Regional Planning  U  M,D  

39068831  
THE OHIO STATE UNIVERSITY  
Department of Aviation  
3180 Case Road, Box 3022  
Columbus, Ohio 43210  
Richard D. Gilson  
Chairman, Academic Committee  
(614) 422-8730  

Program  
Mode  
Degree  
Aviation Education and Training  A  C  
Human Factors in Aviation Safety  A  C  
Air Transportation Systems  A  C  
Individual Studies in Aviation  A  C  

39068832  
THE OHIO STATE UNIVERSITY  
Faculty of Marketing and Logistics  
1775 College Rd.  
Columbus, Ohio 43210  
Bernard J. La Londe  
Professor  
(614) 422-0331  

85
### THE OHIO STATE UNIVERSITY

**School of Natural Resources**  
2120 Fyffe Rd.  
Columbus, Ohio 43210  
Professor Robert W. Teater  
Department Chairman  
(614) 422-1279

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### THE OHIO STATE UNIVERSITY

**Department of Civil Engineering**  
2070 Neil Ave.  
Columbus, Ohio 43210  
Professor Russel C. Jones  
Department Chairman  
(614) 422-2771

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**Department of Mechanical Engineering**  
206 West 18th Ave.  
Columbus, Ohio 43210  
Professor Donald D. Glower  
Department Chairman  
(614) 422-5782

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### THE OHIO STATE UNIVERSITY

**Department of Electrical Engineering**  
2015 Neil Ave.  
Columbus, Ohio 43210  
Professor M.O. Thurston  
Department Chairman  
(614) 422-2571

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### THE OHIO STATE UNIVERSITY

**Department of Aviation**  
3160 Case Rd.  
Columbus, Ohio 43210  
Professor Jack Eggspuehler  
Department Chairman  
(614) 422-1116

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### CUYAHOGA COMMUNITY COLLEGE

**Metropolitan Campus**  
2800 Community College Ave.  
Cleveland, Ohio 44115

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Malcolm L. Ritchie
Professor of Engineering
(513) 426-6650
Program
Human Factors Engineering
Mode Degree
I  B

39099421
SCIOTO TECHNICAL COLLEGE
Engineering Department
P.O. Box 766
Lucasville, Ohio 45648
Ray Irwin
Departmental Chairman
(614) 259-5566
Program
Civil Engineering Technology
Mode Degree
H  A

39103451
CINCINNATI TECHNICAL COLLEGE
Engineering Department
3520 Central Parkway
Cincinnati, Ohio 45223
Dr. Paul Tien
Engineering Department Chairman
(513) 681-3320 Ext. 75
Program
Surveying, Design, Related Engineering
Mode Degree
H  A

39108811
STARK TECHNICAL COLLEGE
Department of Business Management
6200 Frank Ave. N.W.
Canton, Ohio 44720
Professor Jack B. Ruth
Department Chairman
(216) 494-6170
Program
Business Management
Mode Degree
I  A

39108812
STARK TECHNICAL COLLEGE
Department of Civil Engineering
6200 Frank Ave. N.W.
Canton, Ohio 44720
Professor David E. Wileman
Department Chairman
(216) 494-6170
Program
Civil Engineering
Mode Degree
I  A

39108813
STARK TECHNICAL COLLEGE
Department of Electrical/Electronic Engineering
6200 Frank Ave. N.W.
Canton, Ohio 44720
Program
Electrical Engineering
Mode Degree
I  A

39108813  Continued
Professor John L. Zumkehr
Department Chairman
(216) 494-6170
Program
Electrical Engineering
Mode Degree
I  A

39108814
STARK TECHNICAL COLLEGE
Department of Mechanical Engineering
6200 Frank Ave. N.W.
Canton, Ohio 44720
Professor William Hammen
Department Chairman
(216) 494-6170
Program
Mechanical Engineering
Mode Degree
I  A

40031501
CAMERON UNIVERSITY
Department of Health & Physical Education
2800 Gore Blvd.
Lawton, Oklahoma 73501
Bill Shahan
Chairman, Department of Health & Physical Education
(405) 248-2200 Ext. 75
Program
Driver & Safety Education (Minor)
Mode Degree
H  C

40031601
NORTHEASTERN OKLAHOMA A&M COLLEGE
Technology Department
Second and 'I' Streets, Northeast
Miami, Oklahoma 74354
Charles H. Angle
Dean of Instruction
(918) 542-8441 Ext. 202
Program
Pre-Engineering
Mode Degree
I  A

General Technology
I  A
Aviation - Flight
A  A
Automotive
H  A
40031661
OKLAHOMA CITY UNIVERSITY
School of Business
N. W. 23rd and N. Blackwelder
Oklahoma City, Oklahoma 73106
Dr. Ralph Traxler, Jr.
Dean, School of Business
(405) 525-5411 Ext. 2516
Program
Aviation Business Management Mode Degree
A A, B

40031701
OKLAHOMA STATE UNIVERSITY
Southwest Center For Safety
Stillwater, Oklahoma 74074
Milton D. Rhoads
Director
(405) 372-6211 Ext. 593
Program
Civil Engineering-Highway Engineering Mode Degree
Emphasis H B, M, D
Driver and Traffic Safety Education H O, B, M, D
Fire Protection and Industrial Safety E A, B
Mechanical and Aerospace Engineering A B, M, D

40031702
OKLAHOMA STATE UNIVERSITY
School of Civil Engineering
Stillwater, Oklahoma 74074
James V. Parcher
School Head
(405) 372-6211 Ext. 530
Program
Transportation Engineering Mode Degree
H M, D
Soil Mechanics I A, D
Bioenvironmental Engineering E M, D
Structures I M, D
Construction Management I M, D

40031703
OKLAHOMA STATE UNIVERSITY
Stillwater, Oklahoma 74074
(405) 372-6211
Program
Aerospace Option in Mechanical Engineering Mode Degree
A B

40031704
OKLAHOMA STATE UNIVERSITY
Flight School
Searcy Field
Stillwater, Oklahoma 74074
Chairman, Engineering Department
(405) 372-6211
Program
Pilot Training Mode Degree
A O

40031791
SOUTHEASTERN OKLAHOMA STATE UNIVERSITY
Division of Industry
6th and College
Durant, Oklahoma 74701
Alvin M. White
Director, Division of Industry
(405) 924-0121 Ext. 415
Program
Traffic Safety Education and Accident Prevention Mode Degree
H A, M, D
Aviation-Multi-Engine A B
Airframe and Powerplant Flight Engineer/Mechanic Qualified A B
Aviation Flight Programs A O, B
Airframe and Power Technology A O, B

40031792
SOUTHEASTERN OKLAHOMA STATE UNIVERSITY
Department of Aviation
Durant, Oklahoma 74701
Dr. C. Henry Gold
Dean
(405) 924-0121 Ext. 413
Program
Professional Aviation Mode Degree
A B
Airframe and Powerplant A B
Driver Traffic and Safety Education H B

40031841
UNIVERSITY OF OKLAHOMA
Department of Civil Engineering
Norman, Oklahoma 73069
Prof. Antti Talvitie
Assistant Professor
(405) 325-5912
Program
Transportation Planning Mode Degree
H M, D
Traffic Engineering H M, D
Materials H M
Soils H M
Transportation Engineering I M

40031 42
UNIVERSITY OF OKLAHOMA
Aviation Department
1700 Lexington Drive
Norman, Oklahoma 73069
Thomas J. Morris III
Asst. Professor - Aviation
(405) 325-7231
Program
Flight Technology Mode Degree
A C
Flight and Ground School For
### UNIVERSITY OF OKLAHOMA

**Program Mode**

Aerospace Engineering A B

### UNIVERSITY OF TULSA

**Program Mode**

Mechanical - Aerospace Engineering A A,B

### TULSA JUNIOR COLLEGE

**Program Mode**

Transportation and Traffic Management I C,A

### SPARTAN SCHOOL OF AERONAUTICS, INC.

**Program Mode**

Private Pilot A C
Commercial Pilot A C
Instrument Rating A C
Flight Instructor (Airplane) A C
Instrument Flight Instructor A C
Multiengine Rating A C
Seaplane Rating A C
Airline Transport Rating A C
Helicopter Private Pilot A C
Commercial Helicopter A C
Helicopter Flight Instructor A C
Helicopter Agricultural A C
Helicopter External Load A C

### WESTERN OKLAHOMA STATE COLLEGE

**Program Mode**

Civil Engineering Technology A H A

### BLUE MOUNTAIN COMMUNITY COLLEGE

**Program Mode**

Air Transportation Technology A A
Pilot Training A O

### CLATSOP COMMUNITY COLLEGE

**Program Mode**

Marine Technology-Small Boat Operation W A
41031961
LANE COMMUNITY COLLEGE
Flight Technology
4000 East 30th Ave., PO Box 1E
Eugene, Oregon 97405
Jim Piercey
Associate Dean of Instruction
(503) 747-4501
Program Mode Degree
Business & Airline Pilot A A
Flight & Ground Instructor A A
Air Traffic Controller A A

41031962
LANE COMMUNITY COLLEGE
Mechanics
4000 East 30th Ave., PO Box 1E
Eugene, Oregon 97405
Jim Piercey
Associate Dean of Instruction
(503) 747-4501
Program Mode Degree
Agriculture/Industrial Equipment Technician I A
Automotive Technician I A
Aviation Maintenance Technician A A
Diesel Technician I A

41031963
LANE COMMUNITY COLLEGE
Science
4000 East 30th Ave., PO Box 1E
Eugene, Oregon 97405
Jim Piercey
Associate Dean of Instruction
(503) 747-4501
Program Mode Degree
Environmental Technician W A

41032041
MT. HOOD COMMUNITY COLLEGE
Business
26000 S. E. Stark St.
Gresham, Oregon 97030
Mike Stevenson
Director For Research & Planning
(503) 666-1561 Ext. 215
Program Mode Degree
Transportation and Distribution I C,A

41032042
MT. HOOD COMMUNITY COLLEGE
Business
26000 S. E. Stark St.
Gresham, Oregon 97030

41032042  Continued
Mike Stevenson
Director For Research & Planning
(503) 666-1561 Ext. 215
Program Mode Degree
Transportation and Economic Distribution I C,A
Professional Pilot - Business Aviation A A

41032101
OREGON STATE UNIVERSITY
School of Engineering
Corvallis, Oregon 97331
(503) 754-1133
Program Mode Degree
Aerospace Engineering Option in M.E. A B

41032111
OREGON INST. OF TECHNOLOGY
Oretech Branch P.O.
Klamath Falls, Oregon 97601
(503) 882-6321
Program Mode Degree
Highway Engineering H A,B

41032131
PORTLAND COMMUNITY COLLEGE
Industrial Technology Division
12000 S.W. 49th Ave.
Portland, Oregon 97219
Robert V. Palmer
Dean
(503) 244-6111 Ext. 331
Program Mode Degree
Civil Engineering Technology H A
Automotive Technology H C,A
Aviation Maintenance Technology A C,A
Rotary Wing Maintenance H C,A
Diesel Service Mechanics W C,A
Marine Engineering Technology W C,A

41032161
PORTLAND STATE UNIVERSITY
Applied Science & Engineering
P.O. Box 751
Portland, Oregon 97207
Fred Young, Ph.D.
Department Head
(503) 229-4631
Program Mode Degree
Structural Engineering I B.M.
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<td>Graduate Studies &amp; Research 105 Neuberger Hall, P.O. Box 751 Portland, Oregon 97207</td>
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<td>David T. Clark, Ph.D.  Dean (503) 229-3423</td>
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42032381  
BUCKNELL UNIVERSITY  
Civil Engineering  
Lewisburg, Pennsylvania 17837  
Larry Younkin  
Associate Professor  
(717) 524-1094  
Program Mode Degree  
Structural Engineering I B,M  
Hydraulic Engineering I B,M  
Environmental Engineering E B,M  
Transportation Engineering I B,M  
Urban Planning U M  

42032531  
DICKINSON COLLEGE  
Carlisle, Pennsylvania 17013  
Professor John W. Luetzelschwab  
(717) 243-5121 Ext. 411  
Program Mode Degree  
Environmental Studies E B  

42032671  
GENEVA COLLEGE  
Engineering  
Beaver Falls, Pennsylvania 15010  
Mr. Forrest E. Justis  
Chairman, Department of Engineering  
(412) 846-5100  
Program Mode Degree  
Civil Engineering I B  

42032731  
HARRISBURG AREA COMMUNITY COLLEGE  
Math, Science & Engineering  
3300 Cameron Street Road  
Harrisburg, Pennsylvania 17110  

Continued  
Associate Professor F. Wayne McCleary  
(717) 236-5533 Ext. 350  
Program Mode Degree  
Civil Engineering Technology H A  

4203311  
EDINBORO STATE COLLEGE  
Edinboro, Pennsylvania 16444  
Dr. John K. Fisher  
Associate Vice-President For Academic Affairs  
(814) 732-2838  
Program Mode Degree  
Environmental Studies Concentration E B  

4203311  
THE PENNSYLVANIA STATE UNIVERSITY  
Altoona Campus  
Altoona, Pennsylvania 16603  
Jack G. Zubrod  
Acting Director  
(814) 944-4547  
Program Mode Degree  
Air Pollution Control Technology E A  

42033461  
THE PENNSYLVANIA STATE UNIVERSITY  
Wilkes-Barre Campus  
Wilkes-Barre, Pennsylvania 18708  
George W. Bierly  
Director  
(717) 675-2171  
Program Mode Degree  
Highway Engineering Technology H A  
Surveying Technology H A  

42033591  
ROBERT MORRIS COLLEGE  
Department of Economics and Transportation  
610 Fifth Ave.  
Pittsburgh, Pennsylvania 15219
### Degree Level Programs

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#### 42033631

**SPRING GARDEN COLLEGE**

Construction Engineering Technology  
102 East Mermaid Lane  
Philadelphia, Pennsylvania 19118  
Professor John A. Clauser, A.I.A.  
Department Chairman  
(215) 242-3700 Ext. 265

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#### 42033781

**UNIVERSITY OF PENNSYLVANIA**

Department of Civil and Urban Engineering  
113 Towne Building, D-3  
Philadelphia, Pennsylvania 19174  
Dr. Vukan R. Vuchic  
Associate Professor, Transportation Engineering  
(215) 243-8345

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#### 42033791

**UNIVERSITY OF PITTSBURGH**

Graduate School of Public & International Affairs  
1140 Benedum Engineering Hall  
Pittsburgh, Pennsylvania 15260  
Raymond L. Richman  
Professor  
(412) 624-4755

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#### 42033792

**UNIVERSITY OF PITTSBURGH**

Graduate School of Business  
Fifth and Bigelow  
Pittsburgh, Pennsylvania 15260

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### 42033793

**UNIVERSITY OF PITTSBURGH**

Civil Engineering  
1140 Benedum Engineering Hall  
Pittsburgh, Pennsylvania 15261  
A. G. R. Bullen  
Director of Environmental Systems  
(412) 624-5269

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<td>Transportation Engineering</td>
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#### 42033794

**UNIVERSITY OF PITTSBURGH**

Department of Electrical Engineering  
348 Benedum Engineering Hall  
Pittsburgh, Pennsylvania 15261  
William G. Vogt  
Professor of Electrical Engineering

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#### 42033795

**UNIVERSITY OF PITTSBURGH**

Environmental Systems Engineering  
1140 Benedum Engineering Hall  
Pittsburgh, Pennsylvania 15261  
A. G. R. Bullen  
Director of Environmental Systems  
(412) 624-5269

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#### 42033796

**UNIVERSITY OF PITTSBURGH**

School of Engineering  
1140 Benedum Engineering Hall  
Pittsburgh, Pennsylvania 15261
42033796  Continued
A. G. R. Bullen
Director of Environmental Systems
(412) 624-5269

Program
Environmental Systems Engineering  Mode  Degree
Civil Engineering  U  D

42033797
UNIVERSITY OF PITTSBURGH
Pittsburgh, Pennsylvania 15213
Chairman, Engineering Department
(412) 621-3500

Program
Aerospace Engineering-Option in Me  Mode  Degree
Pre-Engineering Program  I  A

42033841
UNIVERSITY OF SCRANTON
Sc. Ranton, Pennsylvania 18510
Mr. Andrew Plonsky
Engineering Advisor
(717) 347-3321

Program
Industrial Traffic Management  Mode  Degree
Transportation  I  O

42033861
VALLEY FORGE MILITARY JUNIOR COLLEGE
ROTC
Wayne, Pennsylvania 19087
Lt.C. Otto A. Schluedecker
Professor of Military Science
(215) 688-1800

Program
Flight Training  Mode  Degree

42033881
VILLANOVA UNIVERSITY
Institute For Transportation Studies
Civil Engineering Department
Villanova, Pennsylvania, 19085

42033881  Continued
Dr. James J. Schuster
Director
(215) 527-2100

Program
Transportation Engineering  Mode  Degree
Traffic Engineering  H  M
Transportation Planning  I  M
Transportation Materials  H  M
Civil Engineering - Transportation  I  B
Civil Engineering - General  I  B
Civil Engineering - Structures  I  U
Structural Engineering  I  M
Water Resources  I  M

42033951
WILLIAMSPORT AREA COMMUNITY COLLEGE
Aviation Department
1005 W. Third St.
Williamsport, Pennsylvania 17701
James W. Little
Division Director
(717) 326-3761 Ext. 233

Program
Aviation Maintenance Technician  Mode  Degree
Auto Body Repairman  H  C
Automotive Mechanics  H  C
Automotive Technology  H  A
Diesel Mechanics  H  C
Aviation Maintenance Technician  A  C

42040511
COMMUNITY COLLEGE OF ALLEGHENY COUNTY
Engineering Department
808 Ridge Ave.
Pittsburgh, Pennsylvania 15212
Leonard J. Pruckner
Department Head-Engineering
(412) 237-2821

Program
Transportation & Surveying  Mode  Degree
Surveying  H  C

42040521
COMMUNITY COLLEGE OF ALLEGHENY COUNTY
Yoerg Campus, Department of Natural & Physical Sciences

95
Degree Level Programs

42040521 Continued

595 Beatty Rd.
Monroeville, Pennsylvania 15146
Dr. Ronald E. Kelly
Professor, Aviation Program Director
(412) 371-8651
Program Mode Degree
Environmental Technology W A

42068101

LEHIGH COUNTY COMMUNITY COLLEGE
2370 Main St.
Schnecksville, Pennsylvania 18078
George W. Elison
Dean of Instruction
(215) 799-2121 Ext. 141
Program Mode Degree
Structure H A
Highway Construction H A

42068141

CAPITOL CAMPUS, PENNSYLVANIA STATE UNIVERSITY
Civil Engineering Technology
Room W252
Middletown, Pennsylvania 17057
Dr. William A. Welsh, Jr.
Program Chairman
(717) 787-1614
Program Mode Degree
Transportation Technology I B
Building Construction Technology H B
Water Resources Engineering Technology H B

42069221

PENNSYLVANIA STATE UNIVERSITY
Delawar. Campus
25 Yearsley Mill Rd.
Media, Pennsylvania 19063
Aviation Program Director
(215) 565-3300
Program Mode Degree
Aviation Ground School A O

42069651

PENNSYLVANIA STATE UNIVERSITY
Graduate School
203 Kern Graduate Bldg.
University Park, Pennsylvania 16802
James B. Bartoo
Dean
(814) 865-6323

42069651 Continued

Program Mode Degree
Aerospace Engineering I M.D
Civil Engineering I M.D
Industrial & Management Systems Engineering I M.D
Mechanical Engineering I M.D
Architectural Engineering I M

42069652

PENNSYLVANIA STATE UNIVERSITY
Civil Engineering
212 Sackett Bldg.
University Park, Pennsylvania 16802
Raymond E. Untrauer
Head of the Department
(814) 865-8391
Program Mode Degree
Structures H B.M.D
Hydraulics I B.M.D
Hydrology I B.M.D
Transportation Engineering I B.M.D
Traffic Engineering H B
Materials H B.M.D
Soils H B.M.D
Construction H B.M.D

42069653

THE PENNSYLVANIA STATE UNIVERSITY
Mechanical Engineering
208 Mechanical Engineering
University Park, Pennsylvania 16802
D. R. Olson
Professor and Head
(814) 865-2519
Program Mode Degree
Noise Control A M.D
Noise Control H M.D
Air Quality E M.D
Auto Safety H M.D
Road Traction; Tire/Road Interaction H M.D
Environmental Engineering E B

42069654

PENNSYLVANIA STATE UNIVERSITY
Industrial & Management Systems Engineering
207 Hammond Bldg.
University Park, Pennsylvania 16802
B. W. Niebel
Head of the Department
(814) 865-7601
Program Mode Degree
Reliability Engineering I B.M
Safety Engineering I B
### PENNSYLVANIA STATE UNIVERSITY

**Aerospace Engineering**
233 Hammond Bldg.
University Park, Pennsylvania 16802
Barnes W. McCormick
Head of Department
(814) 865-2569

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### THE PENNSYLVANIA STATE UNIVERSITY

**Architectural Engineering**
101 Engineering 'a' Bldg.
University Park, Pennsylvania 16802
Gifford H. Albright
Head of the Department
(814) 865-6394

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**BROWN UNIVERSITY**

Division of Engineering
Providence, Rhode Island 02912
Rodney J. Clifton
Chairman, Executive Committee
(401) 863-2276

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**BRYANT COLLEGE**

Evening Division
Smithfield, Rhode Island 02917
Timothy P. Cartwright
Director of Evening School
(401) 231-1200 Ext. 208, 209, 210

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**JOHNSON & WALES COLLEGE**

Abbott Park Place
Providence, Rhode Island 02903
Aviation Program Director
(401) 331-3915

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**THE CITADEL, MILITARY COLLEGE OF SOUTH CAROLINA**

Charleston, South Carolina 29409
Col. L.K. Himelright
Head, Civil Engineering Department
(803) 577-6900 Ext. 2083

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**CLEMSON UNIVERSITY**

Civil Engineering
Clemson, South Carolina 29631
H. W. Busching
Head of Department
(803) 656-3002

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**CLEMSON UNIVERSITY**

Graduate School
Clemson, South Carolina 29631
A. E. Schwartz
Dean
(803) 646-3195

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**COLLEGE OF CHARLESTON**

Business Administration & Economics
66 George St.
Charleston, South Carolina 29401
45034281  Continued
Joseph Benich
Chairman, Economics Department
(803) 722-0181 Ext. 233
Program
Business Administration
(Transportation) Mode Degree
I      B

45034282

COLLEGE OF CHARLESTON
Urban Studies
Charleston, South Carolina 29401
Professor Steven Steinert
Director of Urban Studies
(803) 722-0181
Program
Urban Politics Mode Degree
U      B
Urban Sociology Mode Degree
U      B
Urban Design Mode Degree
U      B
Urban Administration Mode Degree
U      B
Urban Justice Mode Degree
U      B

45034481

UNIVERSITY OF SOUTH CAROLINA
Traffic and Transportation Center
Columbia, South Carolina 29208
R. R. Roberts
Director
(803) 777-3855
Program
Structures and Mechanics Mode Degree
H      D
Soils Mode Degree
D
Traffic Engineering Mode Degree
H      D
Urban Transportation Planning Mode Degree
I      D
Transportation Systems Analysis Mode Degree
I      D

45039901

FLORENCE-DARLINGTON TECHNICAL COLLEGE
Post Office Drawer 8000
Florence, South Carolina
B. W. Morrison
Chairman, Industrial Trades Division
(803) 662-8581
Program
Aircraft Maintenance Technician Mode Degree
A      C
Automotive-Diesel Mechanic Mode Degree
H      C
Agronomy Technology Mode Degree
H      A
Civil Engineering Mode Degree
I      A
Industrial Engineering Mode Degree
I      A

45039911

GREENVILLE TECHNICAL EDUCATION CENTER
Business Division
S. Pleasantburg Drive
Greenville, South Carolina 29606

45039911  Continued
John Stepp
Dean
(803) 242-3170
Program
Transportation Management Mode Degree
I      A

45039951

SUMTER AREA TECHNICAL COLLEGE
Technical Division
506 W. Guignard
Sumter, South Carolina 29150
Ray Rollings
Head, Technical Division
(803) 773-9371
Program
Civil Engineering Technology Mode Degree
H      A
Engineering Aid Mode Degree
H      C
Environmental Engineering Technology Mode Degree
E      A
Technical Drafting Mode Degree
H      C

45049261

TRI-COUNTY COLLEGE
Civil Engineering Technology
P.O. Box 87
Pendleton, South Carolina 29670
D. F. Chalker
Department Head
(803) 646-3277
Program
Civil Engineering Technology Mode Degree
I      A

45068151

ORANGEBURG-CALHOUN TECHNICAL COLLEGE
Engineering Technology
Highway 601 North
Orangeburg, South Carolina 29115
Larry Bly
Department Head
(803) 536-0311
Program
Engineering Graphics Technology Mode Degree
H      A

45069511

UNIVERSITY OF SOUTH CAROLINA,
SPARTANBURG
Division of Science, Engineering, and Mathematics
Spartanburg, South Carolina 29303
Professor Percy M. Wimberly III
Assistant Professor of Engineering
(803) 578-2660
Program
Structural Engineering Mode Degree
I      B,M,D
Transportation Engineering Mode Degree
I      B,M
### AUGUSTANA COLLEGE
Department of Physics
29th and Summit
Sioux Falls, South Dakota 57102
Dr. V. R. Nelson
Professor of Physics
(605) 336-4910

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### SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY
Civil Engineering
E. St. Joe
Rapid City, South Dakota 57701
William V. Coyle
Chairman of the Department
(605) 394-2442

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### SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY
Mechanical Engineering
Rapid City, South Dakota 57701
C. W. Chiang
Professor and Head
(605) 394-2401

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### UNIVERSITY OF SOUTH DAKOTA AT SPRINGFIELD
Springfield, South Dakota 57062
Thomas C. Stone
Dean of Instruction
(605) 369-2201

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### THE UNIVERSITY OF SOUTH DAKOTA
Department of Psychology
Vermillion, South Dakota 57069
Norman W. Heimstra
Professor of Psychology
(605) 677-5295

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### UNIVERSITY OF SOUTH DAKOTA
School of Law
Vermillion, South Dakota 57069
Richard K. Burke
Dean of Law School
(605) 677-5361

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### NATIONAL COLLEGE OF BUSINESS
Rapid City, South Dakota 57701
John S. Yoder, Ph. D.
Dean of Academic Affairs
(605) 348-1200 Ext. 70

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### CARSON-NEWMAN COLLEGE
Continuing Education
Jefferson City, Tennessee 37760
Evelyn Bryant Johnson
Instructor

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### CHRISTIAN BROTHERS COLLEGE
Department of Civil Engineering
Memphis, Tennessee 38104
James Guy
Head of Department
(901) 273-0100 Ext. 225

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Highways and the Environment E B,M
Hydraulics I B,M
Hydrology I B,M
Photogrammetry I B,M
Soils I B,M
Bridge Design I B,M
Urban and Regional Systems Analysis U B,M

47035301

UNIVERSITY OF TENNESSEE, KNOXVILLE
Department of Marketing & Transportation
College of Business Administration
Knoxville, Tennessee 37916
Dr. Gary N. Dicer
Head, Department of Marketing & Transportation
(615) 974-5311

Program Mode Degree
Transportation I C,B
Business Logistics I B
Transportation & Logistics I M,D

47035302

UNIVERSITY OF TENNESSEE KNOXVILLE
Department of Educational Administration & Supervision
213 Henson Hall
Knoxville, Tennessee 37919
Dr. George W. Harris, Jr.
Asst. Professor
(615) 974-2214

Program Mode Degree
School Transportation H M,D
Research Problems in School Transportation H M,D

47035303

UNIVERSITY OF TENNESSEE
Knoxville, Tennessee 37916
Chairman, Engineering Department
(615) 974-0111

Program Mode Degree
Aerospace Engineering A B

47035311

THE UNIVERSITY OF TENNESSEE AT MARTIN
School of Business Administration
Room 318, Administration Building
Martin, Tennessee 38238
Dr. Peter Rob and Professor Louis Hoffman
Associate Professor and Assistant Professor
(901) 587-7910 or 587-7206

Program Mode Degree
General Aviation A O
Marketing-Transportation Major I B

47035331

THE UNIVERSITY OF TENNESSEE AT NASHVILLE
Division of Engineering
10th & Charlotte
Nashville, Tennessee 37203
Jerry D. Westbrook
Division Director
(615) 254-5681 Ext. 234

Program Mode Degree
Statics I B
Dynamics I B
Thermodynamics I B,M
Engineering Graphics I B
Structural Engineering H B,M
Surveying H B
Soil Mechanics H B,M
Contracts & Specifications I B,M
Aerodynamics A B
Highway Engineering H B,M
Traffic Engineering H B,M
Urban Transportation Planning & Design B,M
Sanitary Engineering E B,M
Hydraulics I B
Fluid Mechanics I B
Work Measurement Methods I B
Safety Engineering I B
Quality Control I B,M
Heat Transfer I B,M
Operations Research I B,M
Production, Inventory & Control Systems I B,M
Industrial Management I B,M
Reliability Engineering I B,M
Engineering Economics I B,M
Hydrology I B
Water Resources Engineering I B
Environmental Engineering E B,M
Planning & Utilities I B,M
Circuits I B,M
Transients I B,M
Fields I B,M
Energy Conversion I B
Linear Systems I B,M
Electronics I B
Mechanics & Design of Machinery I B,M
Transform Methods I B,M
Mechanics of Materials I B

47035332

UNIVERSITY OF TENNESSEE
Space Institute
Tullahoma, Tennessee 37388
Dr. Goethert
Dean

Program Mode Degree
Aviation Systems Management A M
Aerospace Engineering A M,D

47035341

UNIVERSITY OF THE SOUTH
Sewanee, Tennessee 37375
47035341  Continued

Program Mode Degree
Aerospace Studies (AFROTC) A O
Growth & Development of Aero Power (AFROTC) A O
Flight Instruction (AFROTC) A O

47039981

CHATTANOOGA STATE TECHNICAL COMMUNITY COLLEGE
Engineering
4501 Amnicola Highway
Chattanooga, Tennessee 37406
E. Schantz
Head, Division of Engineering Technology
(615) 698-8681

Program Mode Degree
Civil Engineering Technology (Highway Option) H A

47039982

CHATTANOOGA STATE TECHNICAL COMMUNITY COLLEGE
Business & Commerce
4501 Amnicola Highway
Chattanooga, Tennessee 37406
Dr. Arthur R. MacFadden
Coordinator, Traffic & Transportation
(615) 698-8681

Program Mode Degree
Traffic & Transportation Technology I A

47039991

CLEVELAND STATE COMMUNITY COLLEGE
Career Education
P. O. Box 1205
Cleveland, Tennessee 37311
Matt Reiser
Director of Career Education
(615) 472-7141

Program Mode Degree
Introduction to Aviation A O
Advanced Aviation A O
Navigation A O
Weather Flying A O
Instrument Flying A O
Flight Instruction A O

47049371

JACKSON STATE COMMUNITY COLLEGE
Continuing Education
P. O. Box 2467
Jackson, Tennessee 38301

Program Mode Degree
Flight Ground School A O

47068361

MOTLOW STATE COMMUNITY COLLEGE
Career Education
Tullahoma, Tennessee 37388
Ben W. Carr, Jr.
Director of Aerospace
(615) 455-6511 Ext. 238

Program Mode Degree
Aerospace Technology Career A A
Aerospace Technology Transfer A A
Airline and Airport Operations A A
Flight Technology A A

47071051

STATE TECHNICAL INSTITUTE, MEMPHIS
Civil Engineering Technology Department
5983 Macon Cove
Memphis, Tennessee 38134
Professor John Graf
Department Head
(901) 388-1200

Program Mode Degree
Civil Engineering Technology-Structural I A

47081451

NASHVILLE STATE TECHNICAL INSTITUTE
120 White Bridge Rd.
Nashville, Tennessee 37209
Edward L. Weld
Director
(615) 741-1236

Program Mode Degree
Architectural and Building Construction
Engineering Tech I A
Chemical Engineering Technology E A
Chemical Technology E A
Industrial Engineering Technology I A
Mechanical Engineering Technology I A
Technical Drafting I C

47088631

WALTERS STATE COMMUNITY COLLEGE
Community Service
821 W. First Street N.
Morristown, Tennessee 37814

Program Mode Degree
Flight Instruction A O

47099121

VOLUNTEER STATE COMMUNITY COLLEGE
Office of Planning and Institutional Research
Nashville Pike
Gallatin, Tennessee 37066
47099121  Continued

Dr. James R. Woods
Administrative Asst. For Planning
(615) 452-6600
Program  Mode  Degree
Conservation & Environmental Technology  E  A
Aviation/Flight Training  A  O

47104391
SHELBY STATE COMMUNITY COLLEGE
Transportation Management
P. O. Box 22026
Memphis, Tennessee 38122
Norman G. Ervin
Director, Career and Cooperation Programs
(901) 452-4432
Program  Mode  Degree
Transportation Management  I  C.A

47990221
MOODY BIBLE INSTITUTE
Missionary Aviation
P. O. Box 429
Elizabethton, Tennessee 37643
Dirk E. Van Dam
Director, Missionary Aviation
(615) 543-3534
Program  Mode  Degree
Missionary Aviation Technology  A  B
Advanced Flight Training  A  C
Aviation Maintenance Technology Emphasis  A  C
Advanced Aviation Maintenance Technology Emphasis  A  C

48035401
AMARILLO COLLEGE
Technology
Amarillo, Texas
Dr. R. Eugene Byrd
Dean, Arts & Sciences and Technology
(806) 376-5641
Program  Mode  Degree
Aviation Management  A  A

48035581
COOKE COUNTY COLLEGE
Occupational-Technical Program
Gainesville, Texas 76240
T. D. Bolinger
Dean
(817) 668-7731
Program  Mode  Degree
Commercial Pilot Technology  A  A

48035631
DEL MAR COLLEGE
Department of Vocational Education
Baldwin At Ayers
Corpus Christi, Texas 78404
Ted Boaz
Dean, Technology - Vocational Education
(512) 882-6141
Program  Mode  Degree
Auto Mechanics  H  A
Diesel Mechanics  H  A

48035501
KILGORE COLLEGE
1100 Broadway
Kilgore, Texas 75662
Chairman, Engineering Department
(214) 984-8531
Program  Mode  Degree
Airline Reservation/Ticket Agent  A  C

48035841
LETOURNEAU COLLEGE
P.O. Box 7001
Longview, Texas 75601
Aviation Program Director
(214) 753-0231
Program  Mode  Degree
Pilot Training  A

48035931
NAVARRO COLLEGE
Occupational Education
P. O. Box 1170
Corsicana, Texas 75110
Ernest A. Kasprzyk
Dean of Occupational Education
(214) 874-6501 Ext. 46
Program  Mode  Degree
Career Pilot Program  A

48036041
RICE UNIVERSITY
Houston, Texas 77001
Chairman, Engineering Department
(713) 528-4141
Program  Mode  Degree
Aerospace Engineering  A  B

48036061
SAM HOUSTON STATE UNIVERSITY
Huntsville, Texas 77340
Dr. Richard M. Boone
(713) 295-6211
Program  Mode  Degree
Aviation Ground School  A  O
Section A

48036081
ST. PHILIP'S COLLEGE
Division of Occupational Education & Technology
2111 Nevada St.
San Antonio, Texas 78203
Mr. Frank P. Williams
Director of Occupational Education & Technology
(512) 532-4211
Program Mode Degree
Aircraft Technology A A

48036091
SAN JACINTO COLLEGE
Aeronautical Technology Department
8060 Spencer Highway
Pasadena, Texas 77505
James H. Van Pelt
Department Chairman
(713) 479-1501 Ext. 274
Program Mode Degree
Aircraft Technology A A

48036111
SOUTH PLAINS COLLEGE
Technical-Vocational Division
Levelland, Texas 79336
Frank Hunt
Dean, Technical-Vocational Division
(806) 894-4921 Ext. 251
Program Mode Degree
Traffic Engineering Technology H A

48036131
SOUTHERN METHODIST UNIVERSITY
Institute of Technology
Dallas, Texas 75275
Chairman, Engineering Department
(214) 692-2000
Program Mode Degree
Aerospace Engineering A M.D

48036141
SOUTHWEST TEXAS JUNIOR COLLEGE
Uvalde, Texas 78801
Wayne Matthews
President
(512) 278-5634
Program Mode Degree
Economics I A

48036142
SOUTHWEST TEXAS STATE UNIVERSITY
Industrial Arts Department
San Marcos, Texas 78666
Selden G. Becker
Instructor of Driver Education
(512) 245-2327
Program Mode Degree
Driver Education H B

48036261
TARRANT COUNTY JUNIOR COLLEGE
1400, Electric Service Building
Fort Worth, Texas 76102
Henry E. Chitsey
Director of Program Development
(817) 336-7851
Program Mode Degree
Commercial Transportation I A

48036281
TEXARKANA COMMUNITY COLLEGE
Vocational-Technical Division
2500 North Robinson Rd.
Texarkana, Texas 75501
B. J. Murdock
Vocational Dean
(214) 838-4541
Program Mode Degree
Flight Technology A A

48036341
TEXAS STATE TECHNICAL INSTITUTE
Aviation Programs
Waco, Texas 76705
Degree Level Programs

48036341  Continued

Mr. Jimmie Taylor
Program Chairman
(817) 799-3611 Ext. 207

Program

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48036342

TEXAS STATE TECHNICAL INSTITUTE
James Connally Campus
Waco, Texas 76705
Dr. Durward L. Anderson
Administrative Asst. For Data Control
(817) 799-3611, Ext. 321

Program

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48036421

TEXAS SOUTHERN UNIVERSITY
School of Technology
3201 Wheeler Ave.
Houston, Texas 77004
Dr. Robert L. Prater
Dean, School of Technology
(713) 528-7790

Program

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TEXAS SOUTHERN UNIVERSITY
Brownsville, Texas 78520
Aviation Program Director
(512) 546-7121

Program

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TEXAS TECH UNIVERSITY
Department of Civil Engineering
Lubbock, Texas 79409
Dr. E. W. Kiesling
Department Chairman
(806) 742-1231

Program

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48036442

TEXAS TECH UNIVERSITY
College of Business Administration
P. O. Box 4320
Lubbock, Texas 79409

48036444

TEXAS TECH UNIVERSITY
Department of Park Administration, Landscape Architecture, and Horticulture
P.O. Box 4169
Lubbock, Texas 79409
Professor Elo J. Urbanovsky
Department Chairman
(806) 742-4202

Program

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TRINITY UNIVERSITY
School of Engineering
715 Stadium Drive
San Antonio, Texas 78212
R. V. Andrews
Dean of Engineering
(512) 736-7511

Program

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48036521

UNIVERSITY OF HOUSTON
Systems & Operations Management - Civil Engineering Department
Cullen Blvd.
Houston, Texas 77004
Dr. Benjamin Ostrofsky or Dr. Kenneth Tharp (713) 749-3906 or 749-2491
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48036561

UNIVERSITY OF TEXAS AT ARLINGTON
Department of Civil Engineering
Arlington, Texas 76010
Dr. Noel J. Everard
Department Chairman
(817) 273-2201

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48036581

THE UNIVERSITY OF TEXAS AT AUSTIN
College of Business Administration and Graduate School of Business
Austin, Texas 78712
R. C. Doenges
Associate Dean
(512) 471-5921

<table>
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48036582

THE UNIVERSITY OF TEXAS AT AUSTIN
Department of Civil Engineering
Atmospheric Science Group
Austin, Texas 78712
Norman K. Wagner
Director, Atmospheric Science Group
(512) 471-3611

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48036583

UNIVERSITY OF TEXAS AT AUSTIN
Graduate School
Main 101
Austin, Texas 78703
Gardner Lindzey
Vice President and Dean
(512) 471-7213

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48036611

UNIVERSITY OF TEXAS AT EL PASO
Civil Engineering
El Paso, Texas 79968
Dr. Herbert H. Bartil, Jr.
Chairman
(915) 747-5364

<table>
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48040031

CENTRAL TEXAS COLLEGE
Career Pilot
Highway 190 West
Killeen, Texas 76541
Ralph D. Searle
Department Manager
(817) 526-1241 or 1270

<table>
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<td>Career Pilot (All FAA Pilot Ratings)</td>
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48066611

ANGELINA COLLEGE
Technical-Vocational Division
P. O. Box 1768
Lufkin, Texas 75901
Richard E. Pulaski
Director
(713) 634-7744 Ext. 53

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48078571

BRAZOSPORT COLLEGE
Oceanic and Marine Technology Department
500 College Drive
Lake Jackson, Texas 77566
Degree Level Programs

48078571  Continued
E. D. Middleton, Jr.
Program Director
(713) 265-6131 Ext. 71
Program
Oceanic and Marine Technical Skills  Mode  W  Degree  C
Oceanic and Marine Technology           Mode  W  A

48085031
MOUNTAIN VIEW COLLEGE
Aviation Administration
4849 W. Illinois Ave.
Dallas, Texas 75211
John W. Payne
Instructor
(214) 746-4146
Program
Aviation Administration          Mode  A  Degree  A

48085032
MOUNTAIN VIEW COLLEGE
4849 W. Illinois
Dallas, Texas 75211
Bill Sorrells
Associate Dean Career Program
(214) 746-4255
Program
Avionics Technology          Mode  A  Degree  A
Aviation Administration       Mode  A  A
Pilot Technology              Mode  A  A

48088991
TARRANT COUNTY JUNIOR COLLEGE - NORTHEAST CAMPUS
Mid-Management
828 Harwood Rd.
Hurst, Texas 76053
Dr. Norman Ellis
Department Chairman, Mid-Management
(817) 281-7860
Program
Commercial Transportation Mode  I  A
Civil Technology               Mode  I  A

48092251
TEXAS STATE TECHNICAL INSTITUTE
Rio Grande Campus
P. O. Box 2628
Harlingen, Texas 78550
Oscar Hinojosa
Manager Instructional Services
(512) 425-4922 Ext. 47

48092251  Continued
Program
Auto Body Repairman  Mode  H  Degree  C
Automotive Mechanics     Mode  H  C
Diesel and Construction Equipment Mechanics  Mode  H  C

48099301
UNIVERSITY OF TEXAS, PERMIAN
College of Management
Odessa, Texas 79762
J. Edwin Becht
Dean and Professor of Logistics
(915) 366-4508
Program
Physical Distribution/Business Logistics I  Mode  B, M
Urban Transportation        Mode  U  B
Resource Development & Management Mode  E  B
Aviation Management         Mode  A  B

48101151
UNIVERSITY OF TEXAS AT SAN ANTONIO
Environmental Studies Division
4242 Piedras Dr. East
San Antonio, Texas 78285
Dr. Chia Shun Shih
Director, Environmental Studies
(512) 732-2141 Ext. 313
Program
Urban Studies           Mode  U  M
Natural Resources Management Mode  E  M

48102981
TEXAS A&M UNIVERSITY
Marine Engineering
P. O. Box 1675
Galveston, Texas 77550
RADM John W. Smith
(713) 744-7161
Program
Marine Engineering          Mode  W  Degree  B

48102982
TEXAS A&M UNIVERSITY
Marine Transportation
P. O. Box 1675
Galveston, Texas 77550
Professor W. T. Mcmullen
Head, Department of Marine Transportation
(713) 744-7161
Program
Marine Transportation       Mode  W  B
48103661
TEXAS A&M UNIVERSITY
Department of Civil Engineering
College Station, Texas 77843
Professor Donald L. Woods
Head, Civil Systems Engineering Group
(713) 845-2416

Program
Structural Engineering I B,M,D
Transportation Planning I M,D
Traffic Operations H B,M,D
Public Works Engineering I B,M,D
City Management I M,D
Transportation Engineering H B,M,D
Environmental Effects of Transportation Facilities E M
Highway Safety H M,D
Ocean Engineering W B,M,D
Coastal Engineering W M,D
Environmental Engineering E B,M,D
Freeway Surveillance Control and Communication H M,D
Geometric Design H M,D
Water Resources Engineering E M,D
Public and Mass Transportation I M
Geotechnical Engineering H B,M,D
Highway Materials H B,M,D
Pavement Design H M,D
Heavy Construction H B,M,D

48106331
HOUSTON COMMUNITY COLLEGE SYSTEM
Sales and Marketing Division
1205 Holman, Room 104
Houston, Texas 77004
Mrs. Dianne W. Bynum
Division Chairman
(713) 526-6177

Program
Commercial Transportation and Distribution I A

48990041
AMERICAN TECHNOLOGICAL UNIVERSITY
Career Aviation
P.O. Box 1416
Killeen, Texas 76541
Ralph D. Searle
Department Manager
(817) 526-1241 or 1270

48990041  Continued
Program Mode Degree
Career Aviation (All FAA Pilot Ratings) A B
Aviation Management A B
Management Science C M

49036701
BRIGHAM YOUNG UNIVERSITY
Department of Civil Engineering Science
368 Estb
Provo, Utah 84602
Professor James R. Barton
Department Chairman
(801) 374-1211 Ext. 2811

Program Mode Degree
Structures I B,M,D
Water Resources I B,M,D
Sanitary-Environmental E B,M,D
Traffic and Transportation Engineering H B,M
Geotechnical I B,M
Materials H B,M

49036711
DIXIE COLLEGE
St. George, Utah 84770
Aviation Program Director
(801) 673-4811

Program Mode Degree
Aviation Ground School A O

49036751
UNIVERSITY OF UTAH
Department of Civil Engineering
Salt Lake City, Utah 84112
David W. Eckhoff
Department Chairman

Program Mode Degree
Structures H B
Hydraulics I B
Hydrology I B
Transportation Engineering I B
Traffic Engineering H B
Materials H B
Soils H B
Environmental Engineering E B

49036761
COLLEGE OF EASTERN UTAH
Applied Science Division
451 East 4th North
Price, Utah 84501
Norman J. Clendenen
Division Chairman
(801) 637-2120 Ext. 59
### Degree Level Programs

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#### UTAH STATE UNIVERSITY
Industrial Technology & Research Programs
Logan, Utah 84321
(801) 752-4100

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#### WEBER STATE COLLEGE
3750 Harrison Blvd.
Ogden, Utah 84403
Director, Pilot Training Program
(801) 399-5941

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#### UTAH TECHNICAL COLLEGE AT PROVO
1395 North 150 Eas.
Provo, Utah 84601
Dale Peterson V.P., F’hillip Kresge Instructor
(801) 373-7890

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#### UTAH TECHNICAL COLLEGE AT SALT LAKE
Business Division
4800 South Redwood Rd.
Salt Lake City, Utah 84107
Earl R. Bartholomew
Division Chairman
(801) 299-3411 Ext. 254

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#### NORWICH UNIVERSITY
Engineering & Technology Department
Northfield, Vermont 05663
Professor Charles Chevalier
Department Chairman
(802) 485-5011 Ext. 31

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#### VERMONT TECHNICAL COLLEGE
Randolph Center, Vermont 05061
Paul C. Hallett
Academic Dean
(802) 728-3391

#### TIDEWATER COMMUNITY COLLEGE
Virginia Beach Campus, VA, State CC Sys.
1700 Diana Lee Drive
Virginia Beach, Virginia 23456
Eric H. Steentoftes
Chairman, Division of Business
(804) 427-3070

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#### TIDEWATER COMMUNITY COLLEGE
Portsmouth, Virginia 23703
Robert C. Burtons
Dean, Instructional Services
(804) 484-2121

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HAMPTON INSTITUTE  
Studies in Engineering  
E. Queen St.  
Hampton, Virginia 23668  
Dr. A. K. Trehan  
Department Head  
(804) 727-5288  
Program  
Transportation Engineering  
Urban Environmental Engineering  
Structural Engineering  
Vehicle Technology  
Ocean Engineering  
Public Works Engineering  
Aerospace Engineering  
Civil Engineering  

MADISON COLLEGE  
Department of Physical Education and Health  
Harrisonburg, Virginia 22801  
Dr. Marilyn Crawford  
Department Chairman  
(703) 433-6145  
Program  
Driver Safety and Education  

NORTHERN VIRGINIA COMMUNITY COLLEGE  
Aviation  
Manassas, Virginia 22110  
Mr. Jack McGee  
Program Head  
(703) 323-3254  
Program  
Aviation Management  
Air Traffic Control  
Flight Attendant  
Aviation Technology  

NORTHERN VIRGINIA COMMUNITY COLLEGE  
8333 Little River Turnpike  
Annandale, Virginia 22003  
Dr. William Scott  
Division Chairman  
(703) 323-3109  
Program  
Civil Engineering Technology  

OLD DOMINION UNIVERSITY  
School of Engineering  
Hampton Blvd.  
Norfolk, Virginia 23508  

OLD DOMINION UNIVERSITY  
Continued  
Dr. Kenneth H. Murray  
Assistant Dean of Engineering  
(804) 489-6575  
Program  
Structural Engineering  
Aerostructures  
Water Resources Engineering  
Soils Engineering  
Civil Engineering Technology  

VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY  
Division of Environmental and Urban Systems  
Blacksburg, Virginia 24061  
Dr. Richard D. Walker  
Professor & Head  
(703) 951-6635  
Program  
Transportation Planning  
Traffic Engineering - Operations  
Highway and Airport Design  
Airport Planning  
Mass Transit  
Transportation Evaluation  
Transportation Implementation  
Air Pollution  

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY  
Department of Civil Engineering  
Blacksburg, Virginia 24061  
Dr. John W. Dokey  
Director, Center For Urban & Regional Studies  
(703) 951-5177  
Program  
Urban and Regional Planning  
Urban Design  
Urban Affairs  
Environmental Design and Planning  
Architecture  
Environmental Systems  
Civil Engineering-Transportation  
-Sanitary Engineering  
-Structural Engineering  
-Soils  
-Hydraulics  
Aerospace Engineering  
Agriculture  
Computer Science and Application  
Economics  
Electrical Engineering  
Engineering Science and Mechanics  
Environmental Science and Engineering  
Forestry  
Geology  
Industrial Engineering and Operations  
Research  

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**51037543**  
**VIRGINIA POLYTECHNIC INSTITUTE UNIVERSITY**  
P.O. Box 903, V.P.I. Airport  
Blacksburg, Virginia 24060  
Fred Broce  
(703) 951-6281

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**51037581**  
**DANVILLE COMMUNITY COLLEGE**  
Automotive Department  
1009 Bonna Ave.  
Danville, Virginia 24541  
Max R. Glass  
Director of Continuing Education  
(804) 797-3553

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**51037601**  
**VIRGINIA WESTERN COMMUNITY COLLEGE**  
Division of Business  
3095 Colonial Ave., S.W.  
Roanoke, Virginia 24015  
Carroll L. Gentry  
Division Chairman  
(703) 344-2031 Ext. 246

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**51037611**  
**WYTHEVILLE COMMUNITY COLLEGE**  
Engineering Technology Division  
1000 East Main St.  
Wytheville, Virginia 24382  
Mr. Phillip R. Lukons  
Department Chairman  
(703) 228-5541

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**51069681**  
**UNIVERSITY OF VIRGINIA**  
Charlottesville, Virginia 22901  
Lester A. Hoel  
Department Chairman  
(804) 924-7464

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**51069682**  
**UNIVERSITY OF VIRGINIA**  
Charlottesville, Virginia 22903  
Chairman, Engineering Department  
(804) 924-3417

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<td>Keith Ward and Robert Metcalf</td>
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<td>Program Directors, Transportation</td>
<td>(206) 878-3710 Ext. 346</td>
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| **LOWER COLUMBIA COLLEGE**    |                       |
| 16th & Maple                 |                       |
| Longview, Washington 98632   |                       |
| Aviation Program Director    | (206) 425-6500        |                       |
| Program                      | Mode | Degree |
| Aviation Ground School       | A    | O      |

| **PENINSULA COLLEGE**         |                       |
| Evening Division              |                       |
| Port Angeles, Washington 98362|                       |
| Aviation Program Director     | (206) 452-9277        |                       |
| Program                      | Mode | Degree |
| Aviation Ground School       | A    | O      |

| **SKAGIT VALLEY COLLEGE**     |                       |
| Dept. of Civil Engineering Technology |                       |
| 2405 College Way             |                       |
| Mt. Vernon, Washington 98273 |                       |
| John Biggers                 |                       |
| Chairman of the Department   | (206) 424-1031        |                       |
| Program                      | Mode | Degree |
| Civil Engineering Technology | I    | A      |

| **SPokane COMMUNITY COLLEGE**|                       |
| E. 3403 Mission Ave.         |                       |
| Spokane, Washington 99202   |                       |

| **ST. MARTIN'S COLLEGE**     |                       |
| Department of Civil Engineering | Olympia, Washington, 98503 |
| J. Vince McClure, Ph. D.      |                       |
| Department Chairman           | (206) 491-3399        |                       |
| Program                      | Mode | Degree |
| Civil Engineering            | H    | B      |

| **UNIVERSITY OF WASHINGTON** |                       |
| Seattle, Washington 98195    |                       |
| Chairman, Engineering Department | (206) 543-2100     |
| Program                      | Mode | Degree |
| Aeronautics and Astronautics | A    | B      |

| **WASHINGTON STATE UNIVERSITY** |                       |
| Civil & Environmental Engineering | Pullman, Washington, 99163 |
| Professor Leon D. Luck         |                       |
| Department Chairman            | (509) 335-3184        |                       |
| Program                      | Mode | Degree |
| Civil Engineering             | H    | B,M    |

| **YAKIMA VALLEY COLLEGE**     |                       |
| Engineering                  |                       |
| 16th Ave. and Nob Hill Blvd. |                       |
| Yakima, Washington 98902     |                       |
| Brad Card, P.E.              |                       |
| Division of Engineering Programs | (509) 453-0356 Ext. 227 |
| Program                      | Mode | Degree |
| Civil Engineering Technology | H    | A      |

| **FORT STEILACOOM COMMUNITY COLLEGE** |                       |
| Engineering Technology         |                       |
| P.O. Box 99186                 |                       |
| Tacoma, Washington 98499      |                       |
53050001  Continued
Ted Bacha
Instructor-Coordinator
(206) 552-3955
Program
Construction Engineering

53050061
WALLA WALLA COMMUNITY COLLEGE
Occupational Education
500 Tausick Way
Walla Walla, Washington 99362
J. R. Peterson
Occupational Coordinator
(509) 527-4213
Program
Civil Engineering Technology
Ground School - Flight

53053721
OLYMPIA VOCATIONAL TECHNICAL INSTITUTE
2011 Mottman Road S.W.
Olympia, Washington 98502
Dr. Ray Lagrandeur
Director
(206) 753-3000
Program
Auto Mechanics

53095441
SPOKANE FALLS COMMUNITY COLLEGE
W. 3410 Fort George Wright Drive
Spokane, Washington 99204
Dr. Gerald L. Saling
President
(509) 456-2810
Program
Commercial Truck Driver
Community Planner Technician

53097041
SEATTLE COMMUNITY COLLEGE, NORTH CAMPUS
Business and Commerce Division
9800 College Way North
Seattle, Washington 98103
Mel Choate
Chairman, Business and Commerce Division
(206) 634-4436
Program
Transportation

53990001
BELLINGHAM VOCATIONAL TECHNICAL INSTITUTE
3028 Lindbergh Ave.
Bellingham, Washington 98226

53990001  Continued
Mr. Samuel Leathers
Assistant Director
(206) 676-6490
Program
Transportation and Traffic Management I

53990101
SOUTH SEATTLE COMMUNITY COLLEGE
Industrial Education Center
6770 East Marginal Way South
Seattle, Washington 98108
Bryce Hanning
Director, Industrial Education Center
(206) 764-5350
Program
Structural Engineering Technology
Highway Engineering Technology
Surveying Technology

53990102
SOUTH SEATTLE COMMUNITY COLLEGE
Aviation Maintenance Technology
6000-16th. Avenue Southwest
Seattle, Washington 98106
Roy G. Kogle
Chairman, Aviation Maintenance
(206) 764-5373
Program
Aviation Maintenance Airframe Technology
Aviation Maintenance Powerplant Technology
Aviation Maintenance Airframe & Powerplant Technology
Aviation Maintenance For Pilots
Aviation Maintenance Supplemental Airframe Curriculum
Aviation Maintenance Supplemental Powerplant Curriculum
Private Pilot Ground School
Aeronautical Technology

53990103
SOUTH SEATTLE COMMUNITY COLLEGE
Motor Vehicle Maintenance Technology
6000 16th Avenue S.W.
Seattle, Washington 98106
Glen C. Jackson
Department Chairman
(206) 764-5391
Program
Auto Body Rebuilding and Refinishing
Automotive Machinist
Automotive Mechanics
Automotive Parts Counterman
Commercial Trailer Repair
<table>
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<tr>
<th>Program</th>
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<td>Diesel &amp; Heavy Equipment Mechanics</td>
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54038151
MARSHALL UNIVERSITY
Huntington, West Virginia 25701
Dr. Homer Arhelger
Director of Institutional Research
(304) 686-3648

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<th>Program</th>
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<td>Safety Education—For Secondary Teachers</td>
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54038181
MORRIS HARVEY COLLEGE
Mathematics
2300 Maccottle Ave., S.E.
Charleston, West Virginia 25304
Dr. James W. Rowley
Academic Dean

<table>
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<tr>
<th>Program</th>
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<tbody>
<tr>
<td>Structural Engineering</td>
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54038251
WEST VIRGINIA INSTITUTE OF TECHNOLOGY
Department of Civil Engineering
Montgomery, West Virginia 25136
Professor S. E. Thornton
Department Chairman
(304) 442-3162

<table>
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<td>Soils &amp; Foundations</td>
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<td>Civil Engineering Technology</td>
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54038271
WEST VIRGINIA UNIVERSITY
Department of Civil Engineering
Morgantown, West Virginia 26506
Professor William J. Wilhelm
Department Chairman
(304) 293-3031

<table>
<thead>
<tr>
<th>Program</th>
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<td>Environmental Engineering</td>
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<td>Soils Engineering</td>
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<td>Civil Engineering</td>
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54038272
WEST VIRGINIA UNIVERSITY
Technology Education
Morgantown, West Virginia 26506
Paul W. Devore
Professor
(304) 293-3803

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<th>Program</th>
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<td>Guidance Systems</td>
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<td>Control Systems</td>
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<td>Support Systems</td>
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54038273
WEST VIRGINIA UNIVERSITY
Morgantown, West Virginia 26506
Chairman, Engineering Department
(304) 293-0111

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<th>Program</th>
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54038281
PARKERSBURG COMMUNITY COLLEGE
Rt. 5, Box 167-A
Parkersburg, West Virginia 26101
(304) 485-7961

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<th>Program</th>
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<tr>
<td>Transportation &amp; Distribution Mgmt.</td>
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54055691
WEST VIRGINIA COLLEGE OF GRADUATE STUDIES
Engineering & Science Division
Institute, West Virginia 25112
R. H.-Barnard
Dean
(304) 768-9711

<table>
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<td>Engineering (Civil Major)</td>
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55036531
MARQUETTE UNIVERSITY
Department of Civil Engineering
1515 West Wisconsin Ave.
Milwaukee, Wisconsin 53233
Dr. J. Behnam
Assistant Professor
(414) 224-7384

<table>
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<td>Mass Transportation Planning</td>
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<td>Urban Planning and Systems</td>
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55038661
MILWAUKEE AREA TECHNICAL COLLEGE
Technical
1015 North Sixth St.
Milwaukee, Wisconsin 53203
Arthur P. Carlson
Dean
(414) 278-6274

Program Mode Degree
Aviation Mechanics A C
Ground School For Private Pilots A C
Automobile Servicing H C
Combustion Engines H C
Combustion Engines Technology H A
Civil Technology H A
Truck Driver Training A C
Driver Education A O

55039861
UNIVERSITY OF WISCONSIN
College of Applied Science
Milwaukee, Wisconsin
(414) 228-4361

Program Mode Degree
Transportation & Urban Problems I B

55039211
UNIVERSITY OF WISCONSIN-PLATTEVILLE
Dept. of Civil Engineering
Platteville, Wisconsin 53818
Edward O. Busby
Dean, College of Engineering
(608) 342-1561

Program Mode Degree
Transportation Engineering I B
Municipal Engineering I B
Construction Engineering I B
Sanitary-Environmental Engineering I B
Structural Engineering I B
Civil Engineering H B
Mining Engineering P B

55040071
MADISON AREA TECHNICAL COLLEGE
Trade and Industry Division
211 North Carroll St.
Madison, Wisconsin 53703
Marie Maliers
Chairman - Trade & Industry Division
(608) 257-6711 Ext. 403

Program Mode Degree
Civil-Highway Technology H A
Architectural Technology U A

55072881
GATEWAY TECHNICAL INSTITUTE
Business
3520 30th Ave.
Kenosha, Wisconsin 53140

Program Mode Degree
Aviation Mid-Management A

55072882
GATEWAY TECHNICAL INSTITUTE
Aviation Department
3520-30th Ave.
Kenosha, Wisconsin 53140
Robert G. Clarke
Chairman, Aviation Programs
(414) 658-4371 Ext. 63

Program Mode Degree
Career Pilot Program A A
Airframe and Powerplant Mechanic Program
Aviation Mid-Management A A

55076691
SOUTHWEST WISCONSIN VOCATIONAL-TECHNICAL INSTITUTE
Student Services
Bronson Blvd.
Fennimore, Wisconsin 53809
John C. Stroebel
Administrator, Student Services
(608) 822-3262 Ext. 126

Program Mode Degree
Municipal Engineering Technician E A
Municipal Services Aide E C
Auto Mechanics H C
Service Station Attendant H C
Agricultural Mechanics H C

55092571
NORTHEAST WISCONSIN TECHNICAL INSTITUTE
Trade and Industry
2740 West Mason St.
Green Bay, Wisconsin 54303
John Pogorelc
Associate Coordinator of Trades & Industry
(414) 499-3125 Ext. 288

Program Mode Degree
Civil-Highway Engineering Technology H A
Architectural-Industrial Models I A
Auto Body H C
Auto Mechanics H C

55092572
NORTHEAST WISCONSIN TECHNICAL Institute
Marketing - Business
2740 West Mason St.
Green Bay, Wisconsin 54303

117
55092572  Continued
E. R. Deroche
Coordinator
(414) 499-3125 Ext. 278
Program Mode Degree
Transportation-Distribution I A

55092573
NORTHEAST WISCONSIN TECHNICAL INSTITUTE
Marinette Campus
1601 University Ave.
Marinette, Wisconsin 54143
T. A. Magnuson
Administrator, Marinette Campus
(414) 735-9361
Program Mode Degree
Auto Mechanics H C
Maritime Construction W C

55092574
NORTHEAST WISCONSIN TECHNICAL INSTITUTE
Sturgeon Bay Campus
229 North Fourteenth St.
Sturgeon Bay, Wisconsin 54235
D. H. Henderson
Administrator
(414) 743-2207
Program Mode Degree
Diesel Mechanics I C
Maritime Construction W C

55097441
FOX VALLEY TECHNICAL INSTITUTE
Trade and Industry Division
1825 North Bluemound Drive
Appleton, Wisconsin 54911
William M. Sirek
Director
(414) 739-8831
Program Mode Degree
Truck Driving H C
Diesel Mechanics I C
Auto Mechanics I C
Automotive Technology I A

55990001
SPENCERIAN COLLEGE OF BUSINESS
Secretarial School
Milwaukee, Wisconsin 53210
Program Mode Degree
Airline and Travel Secretarial A A

55990002
SPENCERIAN COLLEGE OF BUSINESS
Business Administration
Milwaukee, Wisconsin 53210
Program Mode Degree
Transportation and Traffic Management I B

55990151
LAKE SHORE TECHNICAL INSTITUTE, CLEVELAND
Business Dept-Adult Education
390 North Ave.
Cleveland, Wisconsin 53015
J. W. Bachnik
Administrator of Adult & Continuing Education
(414) 693-8211
Program Mode Degree
Traffic Management I C

56039301
SHERIDAN COLLEGE
Division of Community Service
Sheridan, Wyoming 82801
Prescott Underwood
Chairman
(307) 674-4421 Ext. 53
Program Mode Degree
Civil Engineering I A
Agriculture Engineering I A
Electrical Engineering I A
Mechanical Engineering I A
Aerospace Engineering A A
Nuclear Engineering I A
Petroleum Engineering P A
Engineering Technology I A
Chemical Technology I A
Agriculture Technology I A

56039321
UNIVERSITY OF WYOMING
Department of Mechanical Engineering
P.O. Box 3295, University Station
Laramie, Wyoming 82071
Kynric M. Pell
Associate Professor of Mechanical Engineering
(307) 766-2213
Program Mode Degree
Mechanical Engineering (Inclement Weather Transportation) H B,M,D

56039322
UNIVERSITY OF WYOMING
Engineering
Laramie, Wyoming 82070
Chairman, Engineering Department
(307) 766-1121
Program Mode Degree
Aerospace Engineering A B,M,D

60100101
COMMUNITY COLLEGE OF AMERICAN SAMOA
Driver and Safety Education
American Samoa 96799
(684) 688-9156
Program Mode Degree
Highway Safety H
Section B—Seminars, Institutes and Workshops

01010091
AUBURN UNIVERSITY
Department of Marketing and Transportation School of Business
Auburn, Alabama 36830
James W. Adams
Associate Director
(205) 826-4350
Program Mode: I
National Center of Transportation for the Handicapped
Seminars and workshops to promote better transportation facilities and accessibility for the handicapped. In policy determinations.
Given As Required; No Certificate Awarded.

AUBURN UNIVERSITY
Auburn School of Aviation
Auburn, Alabama 36830
H. F. Goff
Program Director
(205) 826-4597
Program Mode: A
Flight Instructor Refresher Course
This is a one week seminar designed as a refresher for certificated flight instructors.
Given Annually, Summer Quarter; Certificate Awarded.

AUBURN UNIVERSITY
Aerospace Engineering
Auburn, Alabama 36830
H. R. Decker
Associate Professor
(205) 826-4874
Program Mode: A
Southeast Airport Management Seminar
This is a two day seminar reviewing approaches and techniques related to the management of airports for airport managers, planners, and those involved in policy determinations.
Given Annually, March; No Certificate Awarded.

SAMFORD UNIVERSITY
School of Education
800 Lakeshore Drive
Birmingham, Alabama 35209
Dr. John T. Carter
Professor of Education
(205) 870-2941
Program Mode: A
Workshop in Aerospace Education
Two workshops for teachers; one designed primarily for high school teachers who will teach a course in aerospace science, but who have limited background in the subject. The other is for both elementary and secondary teachers and is aimed at the incorporation of aerospace principles into other courses in the curriculum.
Given Twice Yearly, June, August; Certificate Awarded.

UNIVERSITY OF ALABAMA
College of Commerce and Business Administration
University, Alabama 35486
A. A. Gordon
Director of Continuing Business Education
(205) 348-6220
Program Mode: I
Alabama Transportation and Distribution Forum
A two-day forum concerned with current transportation issues affecting the U.S., with special emphasis on problems of the Southeast and Alabama.
Given Annually, May; Certificate Awarded.

UNIVERSITY OF SOUTH ALABAMA
Education
307 University Blvd.
Mobile, Alabama 36688
Dr. J. H. Hadley
Dean
(205) 460-6205
Program Mode: A
Aerospace Education
Basic principles of flight; survey of space exploration, military commercial and general aviation. Basic scientific principles applied in aerospace. Development of model rockets and aircraft. Preparation of material for use in teaching.
Given 1Qtr. Per Year, July, August; No Certificate Awarded.

COCHISE COLLEGE
Aviation & Technology
Douglas, Arizona 85607
Lee Oppenheim
Chief Flight Instructor
(602) 364-3451 Ext. 302 or 309
Program Mode: R
In Service Training for Airframe & Powerplant & Prof Pilot Professor
This course is intended as an aid for up-dating instructors in new technology in the industry. This seminar usually lasts for one (1) week and is conducted with consultants from various industrial concerns.
Given Semi-Annually, May; No Certificate Awarded.
ARIZONA STATE UNIVERSITY
Crash Research Institute
College of Engineering Sciences
Tempe, Arizona 85281
James W. Turnbow, Ph.D.
Director
(602) 965-6960

Program Mode: A
Crash Survival Investigators School
This is a two-week school designed to train military and civilian students in the theory and practical applications of crash safety concepts. The knowledge gained during the course will be particularly useful in the investigation and evaluation of survival and crash injury aspects of aircraft accidents, in the development of general aviation safety education and injury prevention programs, in the evaluation of new aircraft mockups, and in the design of aircraft equipment.

Given Four Times Annually, September — May; Certificate Awarded.

ARIZONA STATE UNIVERSITY
Crash Research Institute
College of Engineering Sciences
Tempe, Arizona 85281
Dr. S. Harry Robertson
Director
(602) 965-6960

Program Mode: I
Ground Safety School
The object of this three-week safety school is to train military and civilian safety personnel in the theory and practical applications of accident prevention and safety management. With the increased emphasis on safety by both governmental and civilian agencies, this course will provide the knowledge and stimulus necessary to effectively establish and operate safety programs.

Given Four Times Annually, September — May; Certificate Awarded.

ARIZONA STATE UNIVERSITY
Crash Research Institute
College of Engineering Sciences
Tempe, Arizona 85281
Dr. S. Harry Robertson and Mr. Fred Arndt
Directors
(602) 965-6960

Program Mode: H
Vehicle Accident Investigation and Reconstruction
This is a two-week course on vehicle accident investigation and reconstruction, designed to educate military, law-enforcement, and civilian accident investigators in the various techniques and responsi-

ARIZONA STATE UNIVERSITY
Division of Technology
Tempe, Arizona 85281
Frank Cox
Department Chairman
(602) 965-7775

Program Mode: A
Aerospace Education Workshop/Conference
This five-week program is designed to enhance the effectiveness of classroom teachers in presenting the established disciplines of the curriculum through use of aviation oriented information and concepts. Further, it prepares secondary teachers to develop separate courses and units in aviation.

Given Annually, June and July; No Certificate Awarded.

ARIZONA STATE UNIVERSITY
Geography Department
Tempe, Arizona 85281
Professor H. Reid Wagstaff
Associate Professor in Geography
(602) 965-4065

Program Mode: I
Transportation Geography
This course analyzes geographic factors as influences on transport systems, and the resulting socio-economic and environmental impacts.

Given Every Other Year, Spring Semester; No Certificate Awarded.

NORTHERN ARIZONA UNIVERSITY
College of Public and Environmental Service
Box 15700
Flagstaff, Arizona 86001
Dr. Richard O. Davies
Dean
(602) 523-2672

Program Mode: I
Transportation Seminar
Seminars, Institutes and Workshops

04010821  Continued

Flexible seminar to analyze critical trends and problems in transportation and transportation planning.
Given Semi Annually, Fall-Spring Semesters; No Certificate Awarded.

04010831

THE UNIVERSITY OF ARIZONA
Aerospace & Mechanical Engineering Department
Tucson, Arizona 85721
L. B. Scott, Jr.
Professor and Head
(602) 884-2237
Program  Mode: I
Project Engineering
Engineering students (usually juniors and seniors) undertake a project in the transportation area.
Given Variable, Summer School; No Certificate Awarded.

05011081

UNIVERSITY OF ARKANSAS
Department of Marketing and Transportation
Business Administration Building 12-C
Fayetteville, Arkansas 72701
Dr. Grant M. Davis
Oren Harris Professor of Transportation
501-575-2754
Program  Mode: H
Motor Carrier Management Seminar
To provide motor carrier managers with latest techniques in the area of computer sciences, marketing research, forecasting economic analysis.
Given Once a Year, September; Certificate Awarded.

05011082

UNIVERSITY OF ARKANSAS
Department of Marketing and Transportation
Business Administration Bldg. 12-C
Fayetteville, Arkansas 72701
Dr. Grant M. Davis
Oren Harris Professor of Transportation
501-575-2754
Program  Mode: I
Transportation Forum
Each year outstanding experts from government, industry, are assembled for a one day conference devoted to examining several phases of current transportation problems.
Given Once a Year, May; No Certificate Awarded.

05990051

SOUTHWEST TECHNICAL INSTITUTE
Aviation Maintenance Technology
Box 45
East Camden, Arkansas 71701

05990051  Continued

Hoyle Mann
Director of instruction
(501) 574-0741 Ext. 33
Program  Mode: A
Aviation Maintenance Technology
This program is designed for those students who wish to receive their A & P licenses from FAA as aircraft mechanics as well as the associate degree.
Given Annually, August through June; Certificate Awarded.

06011391

CALIFORNIA STATE UNIVERSITY, LONG BEACH
Department of Economics
6101 East Seventh St.
Long Beach, California 90840
Chairman, Department of Economics
(213) 498-5061
Program  Mode: I
Seminar in Urban and Regional Economics
This thirteen-week seminar is intended for graduate students of economics and related disciplines interested in the relation between transportation systems and urban/regional growth, land-use, social/economic problems and public policy. Supporting courses in transportation economics, urban economics and regional economics are offered in the economic department undergraduate curriculum.
Given Annually, September Thru December; No Certificate Awarded.

06011401

LOS ANGELES STATE UNIVERSITY
Los Angeles, California 90032
Col. James Cuzzolina
Workshop Director
(213) 224-0111
Program  Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance an enliven their community's school curriculum and youth-oriented programs.
Given Annually, June; Certificate Awarded.

06011461

CHICO STATE UNIVERSITY
Chico, California 95926
Mr. Gary Strait
Workshop Director
(916) 345-5011
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, February; Certificate Awarded.

SAN JOSE STATE UNIVERSITY
Scotts Valley, 95060
Mr. William Lovvorn
Workshop Director
(408) 277-2000

Program: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, June-July; Certificate Awarded.

06011501  Continued

Program: A
Aerospace Education Workshop
A cooperative educator in-service training program focusing on the transmission of knowledge, skills and attitudes about aerospace activities, and the total impact of air and space vehicles on the world's people, technology and socio-economic institutions.

Given Annually, January; Certificate Awarded.

06011502
SACRAMENTO STATE UNIVERSITY
Carmichael, California 95608
Dr. Steve Gregorich
Workshop Director
(916) 454-5011

Program: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, February; Certificate Awarded.
06011551  Continued
Implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, July-August; Certificate Awarded.

06011561
SONOMA STATE COLLEGE
Napa, California 94558
Dr. Eva Washington
Workshop Director
Program  Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Twice Annually, April and August; Certificate Awarded.

06011831
HOLY NAMES COLLEGE
Oakland, California 94619
Sister Alice Tobriner
Workshop Director
(415) 436-0111
Program  Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, June-July; Certificate Awarded.

06012281  Continued
ogy in the fields of medicine, communications, manufacturing, environmental technology and education. Major emphasis placed on the development of polyvalent instructional activities which capitalize on the highly motivating influence that aerospace science and technology can provide in preparing students for effective citizenship and more meaningful career selection during the last quarter of the twentieth century.
Given Once Per Year, Summer; No Certificate Awarded.

06012501
ORANGE COAST COLLEGE
Division of Technology
2701 Fairview Rd.
Costa Mesa, California 92626
Richard A. McClurg
Head Instructor-Air Transportation
(714) 556-5820
Program  Mode: A
Flight Instructor Clinic
24 Hour program presented by FAA team to review flying & Instructional techniques & methods and to provide for revalidation of flight instructor certificates.
Given Yearly, August; No Certificate Awarded.

06012531
PACIFIC COLLEGE
Fresno, California 93704
Mr. Shannon Jones
Workshop Director
(209) 251-7194
Program  Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, July; Certificate Awarded.

06012532
PACIFIC COLLEGE
Fresno, California 93704
Mr. Shannon Jones
Workshop Director
(209) 251-7194
Program  Mode: A
Aerospace Education Workshop
A cooperative educator in-service training program focusing on the transmission of knowledge, skills
and attitudes about aerospace activities, and the total impact of air and space vehicles on the world's people, technology and socio-economic institutions.

Given Annually, January; Certificate Awarded.

PALOMAR COLLEGE
San Marcos, California 92069
Kent Backart
(714) 744-1150
Program Mode: A
Aerospace Workshop
This course is intended for teachers having an interest in the field of aviation and aerospace.

Given Annually, June; No Certificate Awarded.

UNIVERSITY OF CALIFORNIA, BERKELEY
Institute of Transportation and Traffic Engineering
109 McLaughlin Hall
Berkeley, California 94720
William L. Garrison
Director of the Institute
(415) 642-3585
Program Mode: I
Transportation and Public Works Short Courses
Regularly scheduled transportation and public works educational short courses and conferences with titles varying from year to year.

Given Annually, March; No Certificate Awarded.

UNIVERSITY OF CALIFORNIA, BERKELEY
Institute of Transportation and Traffic Engineering
109 McLaughlin Hall
Berkeley, California 94720
William L. Garrison
Director of the Institute
(415) 642-3585
Program Mode: A
Airport Management
This short course is designed not only for airport managers, but also for private airport owners, airport commissioners or directors, city or county managers, state, city and county engineers and planners, fiscal control officers, airport and land use consultants, airlines property personnel, and others.

Given Annually, January; No Certificate Awarded.

UNIVERSITY OF CALIFORNIA, BERKELEY
Institute of Transportation and Traffic Engineering
109 McLaughlin Hall
Berkeley, California 94720
William L. Garrison
Director of the Institute
(415) 642-3585
Program Mode: I
Fundamentals of Traffic Engineering
The course is designed for engineers with traffic responsibilities in city, county and state agencies, consulting firms, and other organizations. It will provide engineers new to the profession with a basic understanding of the field and bring experienced traffic engineers up-to-date on new developments and research findings.

Given Annually, March; No Certificate Awarded.

UNIVERSITY OF CALIFORNIA
Institute of Transportation and Traffic Engineering
109 McLaughlin Hall
Berkeley, California 94720
William L. Garrison
Director of the Institute
(415) 642-3585
Program Mode: I
California Transportation and Public Works Conference
A comprehensive review of new developments in policy and planning and in engineering and operating techniques of vital interest to all who have a role in transportation and public works.

Given Annually, March; No Certificate Awarded.

UNIV. OF CALIFORNIA, DAVIS
Wheatland, California 95901
Mr. Fred Berkeley
Workshop Director
(916) 752-1011
Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, March; Certificate Awarded.
Seminars, Institutes and Workshops

06013221  Continued
Program  Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience de-
dsigned to introduce school personnel and youth
group leaders to the many educational and career
implications of aviation and space (aerospace) ac-
tivities; and to suggest various ways and means of
utilizing aerospace facts, concepts and accomplish-
ments to enhance and enliven their community's
school curriculum and youth-oriented programs.
Given Annually, June-July; Certificate Awarded.

06013281
UNIVERSITY OF SOUTHERN CALIFORNIA
Institute of Safety and Systems Management
University Park
Los Angeles, California 90007
Dr. Herold A. Sherman
Executive Director
(213) 746-2411
Program  Mode: A
Aircraft Accident Investigation
To train personnel in the techniques of investigating
aircraft accidents.
Given Twice/Year (2 Weeks), October-June; Certificate
Awarded.

06013282
UNIVERSITY OF SOUTHERN CALIFORNIA
Institute of Safety and Systems Management
University Park
Los Angeles, California 90007
Dr. Herold A. Sherman
Executive Director
(213) 746-2411
Program  Mode: A
Flying Safety Officer
To provide a broad base of skills in accident preven-
tion and investigation.
Given 6 X/Year (10 Weeks), Jul-Sep-Sep-Eoc-Jan-Mar-
Apr-Jun; Certificate Awarded.

06013283  Continued
program  Mode: A
dynamics and aircraft structures, aviation psychol-
ogy and physiology, investigation and prevention,
management and communications.
Given 6 X/Year (10 Weeks), Jul-Sep Sep-Eoc Jan-Mar Apr-
Jun; Certificate Awarded.

06013284
UNIVERSITY OF SOUTHERN CALIFORNIA
Institute of Safety and Systems Management
University Park
Los Angeles, California 90007
Dr. Herold A. Sherman
Executive Director
(213) 746-2411
Program  Mode: H
Motor Vehicle Accident Investigation Course
Instruction in the conduct of on-scene investigations
and systematic methods for high quality investiga-
tions. Emphasizes human, vehicle and environmen-
tal elements for precrash, crash, and post-crash
conditions.
Given Once/Year (2 Weeks), March; Certificate Awarded.

06013285
UNIVERSITY OF SOUTHERN CALIFORNIA
Institute of Safety and Systems Management
University Park
Los Angeles, California 90007
Dr. Herold A. Sherman
Executive Director
(213) 746-2411
Program  Mode: I
System Safety
Develop in student ability to manage system safety by:
1) developing an understanding of total system
safety concept 2) reviewing current industry and
government system safety technology 3) adopting
basic principles and methodology to individual ap-
lications.
Given 4 X/Year (3 Weeks), Jul, Sept, Jan, Apr; Certificate
Awarded.

06013286
UNIVERSITY OF SOUTHERN CALIFORNIA
Institute of Safety and Systems Management
University Park
Los Angeles, California 90007
Dr. Herold A. Sherman
Executive Director
(213) 746-2411
Program  Mode: I
Ground Safety Course
Education for methodology of ground safety programs. Understand the scope, functions and methodology of ground safety.
Given: Four-Year (12 Weeks), Sept, Oct, Feb; Certificate Awarded.

601351
WEST COAST UNIVERSITY
Main Campus
440 Barstow Place
Los Angeles, California 90020
Phyllis Stollerer
Secretary and Treasurer
(213) 87-4433
Program: Mode: E
Acoustic Noise: Measurement, Control, and Compliance
The purpose of this short course is to provide a current state-of-the-art exposure to the understanding of a variety of noise problems their possible remedies, and existing and pending legislation addressed to the problems of noise pollution and control.
Given Annually, May; Certificate Awarded.

6004461
OHLONE COLLEGE
Traffic Safety
43600 Mission Blvd.
Fremont, California 94537
Paul Halula
Department Chairman
(415) 657-2100
Program: Mode: A
Traffic Safety Manpower Training
We plan to set up training for all areas of traffic safety manpower which do not require a baccalaureate degree. At the present time we offer certificates of achievement and associate in arts degrees for driver training instructors, driver license examiners and driver improvement analysts, and commercial and school bus drivers. We also conduct seminars in traffic safety areas.
Given Ongoing, All Quarters; Certificate Awarded.

6079931
BAKERSFIELD STATE COLLEGE
Mammoth Lakes, California 93517
Dr. Blaine Bounous
Workshop Director
(805) 833-2011
Program: Mode: A
Aerospace Education Workshop
A cooperative educator in-service training program focusing on the transmission of knowledge, skills and attitudes about aerospace activities, and the total impact of air and space vehicles on the world's people, technology and socio-economic institutions.
Given Annually, Summer Months (June, July, Aug.); Certificate Awarded.

6079931
Continued

06079931
THE RAND GRADUATE INSTITUTE
1700 Main St.
Santa Monica, California 90406
Sue Bourdon
Assistant to the Director
(213) 393-0411 Ext. 7690
Program: Mode: I
Policy Analysis—Workshop: Transportation and Environmental Studies
The Rand Graduate Institute gives a Ph.D. in policy analysis. The workshop offered on transportation and environmental studies is part of the curriculum offered. Studies done by the Rand Corporation are used as well as others.
Given Annually, Fall Quarter; No Certificate Awarded.

6116491
LOYOLA MARYMOUNT UNIVERSITY
Los Angeles, California 90045
Dr. Leon Levitt
Workshop Director
(213) 776-0400
Program: Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, July; Certificate Awarded.

06990021
SAN DIEGO MIRAMAR COLLEGE
Aeronautics Department
10440 Black Mountain Rd.
San Diego, California 92126
David L. Neel
Instructor
(714) 271-7300
Program: Mode: A
Aviation Maintenance Technology Workshop
This seminar is intended for instructors in aviation maintenance technology programs, to aid in maintaining their proficiency in their field.
Given Annually, Summer Months (June, July, Aug.); Certificate Awarded.
Seminars, Institutes and Workshops

08013451
ADAMS STATE COLLEGE
Education Department
Alamosa, Colorado 81101
Dr. Eugene Kelly
Chairman, Education Department
(303) 589-7011
Program Mode: A
Aerospace Education Workshop
Air Force Association, Colorado, in conjunction with the Civil Air Patrol, Rocky Mountain region and Adams State college annually sponsor the aerospace education workshop accredited for nine quarter hours upper division or graduate credit (nine quarter hours). The workshop is a general survey type workshop covering thirteen units in convocation style.
Given Annually, June; Certificate Awarded.

08013452
ADAMS STATE COLLEGE
Division of Physical and Recreational Resources
Alamosa, Colorado 81102
Dr. Loren Lutz
Chairman, Division of Physical and Recreational Resources
(303) 589-7401
Program Mode: A
Driver and Traffic Safety Education
Summer workshops and driver and traffic safety education.
Given Annually, September Through May; Certificate Awarded.

08013721
WESTERN STATE COLLEGE OF COLORADO
Division of Education
Gunnison, Colorado 81230
Herbert J. Kaczmarek, Ph.D
Associate Professor of Educational Psychology
(303) 943-2030
Program Mode: A
Aerospace Education Workshop
A survey of the age of aerospace encompassing the history, growth and development of commercial and general aviation, military aviation, the air transport and aerospace industries, NASA, the Department of Transportation, and the Federal Aviation Administration. Visiting speakers and field trips will supplement the classroom presentations with orientations toward aerospace education in the public schools, the CAP and the cadet program, and future developments in space and career specializations.
Given Summer and On Demand, Summers (Two Workshops); No Certificate Awarded.

08067401
UNIVERSITY OF COLORADO AT DENVER
Civil and Environmental Engineering
1100 Fourteenth St.
Denver, Colorado 80202
Professor Paul E. Barlett
Associate Dean, College of Engineering
(303) 892-1117 Ext. 265
Program Mode: H
Highway Engineering Conference
Co-sponsored by the Colorado Division of Highways, this conference hosts about 250 transportation engineers from a dozen states each year. For many transportation engineers the most urgent problem in innovation is that of overcoming inflating costs and shortages that are both severe and unpredictable. Much of the last conference was devoted to exchanging ideas, techniques, and philosophies for solving these problems.
Given Annually, Spring; No Certificate Awarded.

09013781
CENTRAL CONNECTICUT STATE COLLEGE
Industrial Education
1615 Stanley St.
New Britain, Connecticut 06050
Mr. George W. Barnhardt
Assistant Professor of Industrial Education
(203) 225-7481
Program Mode: A
Driver Education
The three-semester hour courses (driver education) and traffic safety and driver education) are offered to prepare and certify teachers to organize and administer a driver education program in senior high schools and other institutions. In addition, a course (motorcycle safety) is offered which prepares driver education instructors to organize and administer a course in the safe operation of the motorcycle.

09013921
MANCHESTER COMMUNITY COLLEGE
Division, Mathematics, Sciences & Allied Health
60 Bidwell St.
Manchester, Connecticut 06040
Dr. Mario V. Fiondella
Director
(203) 646-4900 Ex 230, 284
Program Mode: A
Ground Flight Training
This course is intended for students interested in pre-flight training.
Given Annually, Each Semester; No Certificate Awarded.
BROAD-BASED TRAFFIC AND TRANSPORTATION MATERIALS PERTINENT, FOR THE MOST PART, TO EVENING STUDENTS. USES EXPERIENCE OF INSTRUCTOR, STUDENTS AND OUTSIDE LECTURERS. PROVIDES UPDATING OF TECHNIQUES FOR THE REDUCTION OF COST AND EVOLVING OF MORE EFFICIENT METHODS, VIA ALL MODES OF TRANSPORT. PARTICIPATION PERMITTED FOR NON-CREDIT, CERTIFICATE AND ASSOCIATES DEGREE PROGRAMS. OTHER BUSINESS AND LIBERAL ARTS SUBJECTS REQUIRED.

GIVEN SPRING (JAN.) AND FALL (SEPT.) SEMESTERS. TWO PER YEAR. SPECIAL S.

FLORIDA INSTITUTE OF TECHNOLOGY
The School of Aeronautics
P.O. Drawer 1839
Melbourne, Florida 32901
Jerome A. Lauderbauch
Dean, the School of Aeronautics
(305) 727-0461

Program Mode: A
Summer Camp for Beginning Flight Students
This three-week session is designed for pre-private license pilots who will take pilot training with degree work at the university. Program is a concentrated combination of ground and air work to bring students to solo—and as close to private pilot certificate as possible prior to regular qtr.

Given Annually, Sept.; No Certificate Awarded.

FLORIDA INSTITUTE OF TECHNOLOGY
The School of Science & Engineering
Country Club Rd.
Melbourne, Fla. 32901
Dr. David Woodbridge
Chairman, Science Education Dept.
(305) 723-3701

Program Mode: A
Aerospace Workshop
This six-week workshop is designed primarily for elementary, high school, & jr. college science teachers who need or want to know more about space science. Program covers space vehicles, launch information, upper air meteorology, basic aerodynamics, celestial mechanics.

Given Annually, July - Aug.; No Certificate Awarded.

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
Regional Airport
Daytona Beach, Florida 32015

12014791
Seminars, Institutes and Workshops

12014791 Continued
Dr. George E. Pence
Dean of Admissions and Records
(904) 252-5561
Program Mode: A
Flight Technology
Flight technology program is designed for the individual who desires the various FAA licenses and ratings on an accelerated basis. Classes start every two to three weeks in private, commercial, instrument, multi-engine, certified flight instructor - airplane and certified flight instructor - instrument, plus advance instrument and multi-engine training if desired.
Starts Every Two Weeks, All Year; Certificate Awarded.

12014841
FLORIDA JUNIOR COLLEGE AT JACKSONVILLE
Distributive and Mid-Management Education
Fred H. Kent Center
Jacksonville, Florida 32205
Paul A. Halloran
Chairman, Transportation Department
(904) 387-8167
Program Mode: I
Transportation Forum
The transportation department holds various workshops, seminars and related meetings with community leaders and industrial transportation-oriented commercial firms throughout the country. Major topic areas: export-import procedures, rail terminal services, port operations, custom house brokerage, international banking, intermodal water transportation, problems of mass transit, Interstate commerce, federal transportation regulations.
Given As Required; Certificate Awarded.

12015061
MIAMI-DADE COMMUNITY COLLEGE
Aerospace Department
11380 N.W. 27th Ave.
Miami, Florida 33167
Fred J. Isert
Chairman
(305) 685-4201
Program Mode: A
Maintenance Seminar
This seminar is intended for the aviation industry and aircraft rated personnel interested in the maintenance aspects of aviation.
Given Annually, August; No Certificate Awarded.

12015191
SANTA FE COMMUNITY COLLEGE
Department of Technical Education
3000 N.W. 8th St.
Gainesville, Florida 32601

120115361
UNIVERSITY OF MIAMI
Ryder Program in Transportation
1541 Brescia
Miami, Florida 33124

12015351
UNIVERSITY OF FLORIDA
Dept. of Civil Engineering
Gainesville, Florida 32611
Dr. James Schaub
Chairman, Department of Civil Engineering
(904) 392-0933
Program Mode: I
Transportation Conference
This is a two day conference sponsored by the Florida Dept. of Transportation and several Florida sections of professional engineering societies for planners and engineers in the transportation field. Most of the conference is devoted to highways but with some attention given to urban mass transit and some other modes.
Given Annually, February or March; Certificate Awarded.

12015352
UNIVERSITY OF FLORIDA
College of Education Lab School
Gainesville, Florida 32611
Paul Becht
Instructor
(904) 392-1526
Program Mode A
Aviation Program
Aviation is a one year physics program taught using aeronautical facts, concepts and applications as a learning motivator. The program has interdisciplinary implications and is suitable for use in classrooms at the middle school through community college levels.
Given Annually, September-June; Certificate Awarded.

12015361
UNIVERSITY OF MIAMI
Ryder Program in Transportation
1541 Brescia
Miami, Florida 33124
12015361  Continued
Dr. Anthony James Catanese
Director
(305) 284-2736
Program  Mode: U
South Florida Urban Transportation Forum Business Logistics Seminar.
Given Yearly, February - May; Certificate Awarded.

12039541
FLORIDA TECHNOLOGICAL UNIVERSITY
Industrial Engineering Dept.
Orlando, Florida 32816
Dr. George Ehrard
Chairman, Industrial Engineering Department
(305) 275-2236
Program  Mode: I
Transportation Systems Institute
Interdisciplinary transportation safety and systems research.
Given As Required; Certificate Awarded.

13015541
BERRY COLLEGE
Industrial Education
Box 490
Mount Berry, Georgia 30149
Dr. Lee R. Clendenning
Department Chairman
(404) 232-5374 Ext. 264
Program  Mode: A
Aerospace Workshop
The workshop lasts for three weeks. It is designed for public school teachers and secondary candidates to increase their awareness of aerospace technology and explore methods of introducing aerospace related activities in public school classes. Field trips to museums and space programs are planned. Guest lecturers are utilized.
Given Annually, Summer Session; Certificate Awarded

13015611  Continued
utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, January-March; Certificate Awarded.

13015741
GEORGIA STATE UNIVERSITY
Atlanta, Georgia 30303
Dr. Ted Collon
Workshop Director
(404) 658-2000
Program  Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, October; Certificate Awarded

13015891
VALDOSTA STATE COLLEGE
Aerospace Studies
N. Patterson St.
Valdosta, Georgia 31601
Lt. Col. William C. Griffin
Commander, AFROTC Det 172
(912) 247-3255
Program  Mode: A
Air Force ROTC Flight Instruction Program
Reference AFROTC manual 45-1 and flight instruction program syllabus 1 jul 1974. AFROTC (Air University) ground school and 25 hours flight instruction for college-AFROTC cadets for purpose of motivation and screening for further Air Force flight training.
Given Once Per Year, Fall Academic Quarter, Certificate Awarded.
Seminars, Institutes and Workshops

13013011

WEST GEORGIA COLLEGE
Physics Department
Carrollton, Georgia 30117
Dr. Ben Demayo
Assistant Professor of Physics
(404) 834-4411 Ext. 364

Program Mode: A
Aerospace Education Workshop
A three week workshop designed primarily for public school teachers to acquaint them with the current status of the airline industry and the space program. Given Annually, Summer; No Certificate Awarded.

13990311

ATLANTA AREA TECHNICAL SCHOOL
Off-Campus:Instruction Division
1560 Stewart Ave. S. W.
Atlanta, Georgia 30310
J. R. Wiley
Coordinator, Adult Distributive Education
(404) 758-9451, Ext. 267

Program Mode: I
Transportation & Traffic Management
A series of courses designed to upgrade employees and prospective employees in the transportation industry. Emphasis is on the motor freight industry. Courses are scheduled to meet based on student interest. Given As Required; Certificate Awarded.

16016181

BOISE STATE UNIVERSITY
Management & Finance/School of Business
1910 College Blvd.
Boise, Idaho 83725
Wayne E. White
Program Director/Aviation Management
(208) 385-3365

Program Mode: A
Aerospace Education for Elementary Teachers
This is a basic course in aerospace education providing general coverage in three fields: general aviation, airline and military. The program will acquaint the classroom teacher with the field of aviation, provide some background training in aviation education, aid the classroom teacher in developing some aerospace class projects for students, and enable the classroom teacher to hear from speakers from the aviation industry. Added coverage will be provided in viewing some of the current programs of activity in aviation on the college level. Given Summer School Program (Two Weeks), Univ. No Certificate Awarded.

16016191

COLLEGE OF SOUTHERN IDAHO
Twin Falls, Idaho 83301
Mr. C. Edward Schell
Workshop Director
(208) 733-3554

Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs. Given Annually, June; Certificate Awarded.

16015922

COLLEGE OF SOUTHERN IDAHO
Twin Falls, Idaho 83301
Col. Robert Schreckenberger, USAFR
Workshop Director
(208) 733-9954

Program Mode: A
Aerospace Education Workshop
A cooperative educator in-service training program focusing on the transmission of knowledge, skills and attitudes about aerospace activities, and the total impact of air and space vehicles on the world's people, technology and socio-economic institutions. Given Annually, January - May; Certificate Awarded.

16016201

IDAHO STATE UNIVERSITY
College of Education
Box 6229
Pocatello, Idaho 83209
Max Ogle
Director, Aerospace Education
(303) 394-3075

Program Mode: A
Aerospace Workshop, Summer School
A beginning course in space and aviation; designed for elementary junior high and secondary school teachers at both the under graduate and graduate levels. Given Yearly - Summer School, June; No Certificate Awarded.

16016211

LEWIS AND CLARK STATE COLLEGE
Lewiston, Idaho 83501
Dr. Marvin Deluga
Workshop Director
(208) 746-2341
17016351  Continued

Program  Mode: A
Flight Seminar
To update present holders of flight certificates.
Given As Needed.

17016361  BLACK HAWK COLLEGE
Quad-Cities Campus Office of Community Services
Moline, Illinois 61265
Otto W. Schweinberger
Dean of Community Services
(309) 756-1311
Program  Mode: H
Safety Seminar
This seminar is for both city and industrial traffic engineers and/or directors interested in industrial or business and city safety procedures for personnel involved with transporting persons or goods on the highways.
Given Annually, Winter-Spring; Certificate Awarded.

17016491  SOUTHWEST COLLEGE, CITY COLLEGES
CHICAGO
Transportation Department
7500 South Pulaski Road
Chicago, Illinois 60652
J.G. Young
Assistant Professor of Transportation
(312) 735-3000
Program  Mode: H
Motor Fleet Supervision & Highway Safety Seminars
Short courses in safety supervision, driver trainers, fleet maintenance, and highway and traffic safety. Courses directed to supervisors and managers, or prospective supervisors and managers. Credit hours available for short courses. Individual announcements and publicity for each short course.
Given As Required; Certificate Awarded.

17015460  CITY COLLEGES OF CHICAGO
Southwest College
7500 South Pulaski Road
Chicago, Illinois 60652
Joseph Young
Assistant Professor of Transportation
(312) 735-3000
Program  Mode: H
Motor Fleet Trainer’s Course
This one week seminar is designed to give the necessary ‘know-how’ to those responsible for the training of drivers in any motor fleet.
Given Annually, September; Certificate Awarded.
17016941

CHICAGO STATE UNIVERSITY
Geography Department
95th St. at King Drive
Chicago, Illinois 60628
Professor Irving Cutler
Department Chairman
(312) 995-2186

Program Mode: I
Seminar in Transportation Problems
This course is intended for geography graduate students interested in selected problems in transportation geography, primarily in the urban field.
Given Annually, Summer or Fall; No Certificate Awarded.

17017391

NORTHWESTERN UNIVERSITY
Traffic Institute
405 Church St.
Evanston, Illinois 60204
Jack A. Hutter
Director, Engineering Division
(312) 492-5040

Program Mode: H
Geometric Design Workshop
Two-week workshop provides instruction and practice in geometric design of streets and highways. It is intended for traffic and junior design engineers engaged in various aspects of this changing field. Course includes lectures and discussions on geometric, functional and aesthetic aspects of all roadway design. Emphasis is on updated design criteria from recent studies of driver behavior and traffic operation. The workshop includes application of latest design procedures and techniques, stressing timesaving methods to produce high-quality designs. Application enables designer to tailor the facility to actions and responses of drivers.
Given Semi-Annually, October and May; Certificate Awarded.

17017392

NORTHWESTERN UNIVERSITY
Traffic Institute
405 Church St.
Evanston, Illinois 60204
Jack A. Hutter
Director, Engineering Division
(312) 492-5040

Program Mode: H
Highway Capacity Workshop
This five-day workshop provides instruction and practice in the use of data and procedures found in the highway capacity manual, Special Report 87, published by the Highway Research Board. This course is designed for experienced traffic engineers, design engineers and highway and urban planning engineers. Included is the effect of geometric design and traffic operation on the capacity of urban intersections and modern highways. Emphasis is on application of both the capacity analysis procedures listed in the manual and on timesaving techniques of the analysis process. This emphasis is achieved through lectures, discussions and use of work problems.
Given Annually, January; Certificate Awarded.

17017393

NORTHWESTERN UNIVERSITY
Traffic Institute
405 Church St.
Evanston, Illinois 60204
Jack A. Hutter
Director, Engineering Division
(312) 492-5040

Program Mode: H
Sem. for Traffic Engineering Technical Assistants
This three-week seminar is designed for traffic engineering technicians who work under supervision of an engineer responsible for street and highway design. Its objective is to improve skills of the technician conducting traffic surveys, field investigations, data collection and analysis, and application of traffic control devices. A participant should be well versed in mathematics, including algebra, trigonometry and geometry. The intent is to add to technical support for engineering staffs, whereby technicians can perform many basic traffic survey, analysis and application techniques with a minimum of engineering aid and direction.
Given Annual, June; Certificate Awarded.

17017394

NORTHWESTERN UNIVERSITY
Traffic Institute
405 Church St.
Evanston, Illinois 60204
Jack A. Hutter
Director, Engineering Division
(312) 492-5040

Program Mode: H
Traffic Engineering Seminar
This three-week seminar is designed for graduate engineers responsible for traffic engineering functions. The program offers comprehensive coverage of traffic engineering with emphasis on solutions for both urban and rural traffic and highway problems. It is directed to engineers working in areas of traffic analysis and operations, transportation studies, intersection and free flow capacity, traffic and highway planning and geometric design. Through lecture and work problem sessions, participants become acquainted with the latest principles and
theories as well as the problem-solving aspects of the traffic engineering science.

Given Semi-Annually, March and September; Certificate Awarded.

17017395
NORTHWESTERN UNIVERSITY
Traffic Institute
405 Church St.
Evanston, Illinois 60204
Jack A. Hutter
Director, Engineering Division
(312) 492-5040

Program Mode: H
Traffic Signal Workshop
This workshop offers a working knowledge of the latest theories and application of traffic signal controls and systems. It is directed to engineers working in traffic operation and provides instruction in traffic flow at signalized intersections and in signal systems. Emphasis is on evaluation of signal timing, phasing and control equipment. Participants include city engineers from small communities and traffic engineers from city, county and state agencies. Participants will be able to (1) identify problem areas; (2) solve specific problems; (3) implement improvements to form a coordinated traffic signal system.

Given Semi-Annually, May and December; Certificate Awarded.

17017396
NORTHWESTERN UNIVERSITY
Traffic Institute
405 Church St.
Evanston, Illinois 60204
Jack A. Hutter
Director, Engineering Division
(312) 492-5053

Program Mode: H
Urban Street System Design Workshop
The objective is to provide technical instruction in latest techniques of upgrading traffic service on the arterial street system. The program is intended for engineers working in the area of traffic operations, geometric design and transportation planning. Through lecture and work problem sessions, participants learn the latest principles and theories and practical techniques, procedures and problem-solving aspects necessary to improve the quality of traffic operation on our existing street system. Participants include city engineers and traffic engineers from communities and city, county and state agencies.

Given Semi-Annually, April and December; Certificate Awarded.

17017581
SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
Safety Center-Health Education
Carbondale, Illinois 62901
Dr. James E. Aaron
Coordinator
(618) 453-2080

Program Mode: H
Workshop Driver and Traffic Safety Education
This workshop is intended for teachers, and supervisors of driver and traffic safety education. Deals with current issues and trends that influence program development.

Given Annually, April or May; No Certificate Awarded.

17017582
SOUTHERN ILLINOIS UNIVERSITY
Aviation Technologies Division
Southern Illinois Airport
Carbondale, Illinois 62901
Professor E. A. Darosa
Division Chairman
(618) 536-3371 or 536-3373

Program Mode: A
Avionics Technology
The avionics technology program provides training in maintenance of electronics, aircraft navigation, communication, and radar systems -- and qualifies students for the FCC license and leads toward the FAA repairman certificate.

Given Bi-Annually (and Summer), August through December; Certificate Awarded.

17017583
SOUTHERN ILLINOIS UNIVERSITY
Aviation Technologies Division
Southern Illinois Airport
Carbondale, Illinois 62901
Professor E. A. Darosa
Division Chairman
(618) 536-3371 or 536-3373

Program Mode: A
Aviation Technology
The aviation technology (maintenance technician) program provides general education courses and technical training for those students who wish to qualify for the Federal Aviation Administration's (FAA) airframe and powerplant (A & P) technician certificate or license.

Given Biannually (and Summer), August through December; Certificate Awarded.

17017584
SOUTHERN ILLINOIS UNIVERSITY
Aviation Technologies Division
Southern Illinois Airport
Carbondale, Illinois 62901
Seminars, Institutes and Workshops

17017584  Continued

Professor E. A. Darosa  
Division Chairman  
(618) 536-3371 or 536-3373

Program Mode: A  
Helicopter Technology  
The helicopter technology program may be taken after  
the completion of the aviation technology program  
or independently and provides training in helicopter  
operations, maintenance, and overhaul. Helicopter  
flight training is also available.  
Given Biannually (and Summer), August through  
December; Certificate Awarded.

17093322

STATE COMMUNITY COLLEGE OF EAST ST. LOUIS  
Vocational Technical Programs Department  
417 Missouri Avenue  
East Saint Louis, Illinois 62201  
Rudolph Von Slaughter  
Assistant Dean  
(618) 875-9100 Ext. 343-49

Program Mode: H  
Laborers  
Performs any combination of the following duties on  
construction projects, usually working in utility  
capacity, by transferring from one task to another task  
where demands require workers with varied experience  
and ability to work without close supervision. Students  
measure distances from grade stakes, drive stakes, stretch tight line, and stack lumber according to dimensions. Training in leveling earth to fine grade specifications preparatory to pipe laying or for building, using shovel, is given. Students learn to give direction to workers engaged in dumping concrete into construction equipment, such as cranes, power shovels and backhoes, by verifying grades and signaling.  
Given Once Or Twice Yearly (When Needed) Spring and  
Summer.

17093323

STATE COMMUNITY COLLEGE OF EAST ST. LOUIS  
Vocational Technical Programs Department  
417 Missouri Avenue  
East Saint Louis, Illinois 62201  
Rudolph Von Slaughter  
Assistant Dean  
(618) 875-9100 Ext. 343-49

Program Mode: H  
Teamsters  
Students drive motor truck equipped with dump body  
to transport and dump loose materials which includes  
sand, gravel, crushed rock, coal or bituminous paving materials; pull levers or turn cranks to tilt body and dump contents. Instruction in hand and foot controls of trucks is provided. Students operate a variety of other vehicles for the movement of equipment and supplies.  
Given Once Or Twice Yearly (When Needed) Spring or  
Summer.
Continued

Program: Cement Masons

Students finish surfaces of freshly poured concrete roads, walkways, and curbs to specified grade and contour while using handtools, such as hoes, trowels and screeds. Students learn to direct workers engaged in puddling and tamping concrete to ensure that desired density is attained and learn to perform other tasks related to cement masonry.

Given Once or Twice Yearly (When Needed) Spring or Summer.

17093325
STATE COMMUNITY COLLEGE OF EAST ST. LOUIS
Vocational Technical Programs Department
417 Missouri Avenue
East Saint Louis, Illinois 62201
Rudolph Von Slaughter
Assistant Dean
(618) 875-9100 Ext. 343-49

Program: Carpenters

Students build rough wooded structures which include concrete forms, scaffolds, tunnels, and sewer support and temporary frame shelters according to sketches or oral instructions; they examine specifications to determine dimensions of structure. Students measure boards, timbers, or plywood by using a square, measuring tape, and ruler—then mark cutting lines on materials, using pencil and scribe. Saws boards and plywood panels to required sizes. Instruction is given in nailing cleats across boards to construct concrete forms, bracing forms in place with timbers, the rods and anchor bolts for use in building concrete piers, footings, and walls.

Given Once or Twice Yearly (When Needed) Spring or Summer.

17093326
STATE COMMUNITY COLLEGE OF EAST ST. LOUIS
Vocational Technical Programs Department
417 Missouri Avenue
East Saint Louis, Illinois 62201
Rudolph Von Slaughter
Assistant Dean
(618) 875-9100 Ext. 343-49

Program: Ironworkers

Reinforcing ironworkers students set steel bars in concrete forms to reinforce concrete structures. They place the steel bars on suitable supports in the concrete form and the bars together at intersections so that each bar receives its intended structural load. The bars are placed in concrete forms according to blueprints, specifications, or verbal instructions.

The rodmen use pliers and other tying tools to wire the rods securely in place. Students are instructed in the use of them.

Given Once or Twice Yearly (When Needed) Spring or Summer.

18018091
INDIANA UNIVERSITY
School of Business
Bloomington, Indiana 47401
Professor L. L. Waters
Professor of Transportation
(812) 337-5648

Program: Transportation Conference

General conference in transportation, usually touching on topics of current interest. It is aimed at persons in the field of transportation in Indiana. It is jointly sponsored by the I.U. School of Business, the Indiana Chapter of the American Society of Traffic and Transportation, Delta Nu Alpha, and the Traffic Club of Indianapolis.

Given Annually, Third Week in April; No Certificate Awarded.

18018251
PURDUE UNIVERSITY
Department of Aviation Technology
Purdue University Airport
Lafayette, Indiana
Prof. J. R. Maris
Department Head
(317) 743-3896

Program: Flight Instructor Refresher Seminar

In cooperation with the FAA and the AOPA, an approved refresher program is given to provide flight instructors the opportunity to revalidate their instructor certificates.

Given Annually, April; Certificate Awarded.

18018341
SAINT JOSEPH'S CALUMET COLLEGE
Department of Continuing Education
4721 Indianapolis Blvd
East Chicago, Indiana 46312
Michael Guiden
Assistant Academic Dean
(219) 397-9197

Program: Transportation Seminar

A course designed as a special problem-area in need of specific investigation.

Given Annually, Spring or Summer; No Certificate Awarded.
18018431

VINCENNES UNIVERSITY
Career Division
Vincennes, Indiana 47591
Mr. Bill G. Spence
Director, Career Division
(812) 882-3350, Ext. 336 or 350

Program
Aviation Inspection Workshop
A workshop presented for qualified A & P mechanics seeking the inspection authorization rating. The week-long workshop consists of a concentrated review of the federal aviation regulations, aircraft specifications, airworthiness directives, record keeping, and complete information (paperwork) organization. Sample tests are given over each area, as well as a final exam.

Given Twice Per Year, Spring and Summer; No Certificate Awarded.

18095631

INDIANA STATE UNIVERSITY
School of Technology--Department of Industrial Arts Education
714 North 6th Street
Terre Haute, Indiana 47809
Elmer S. Ciancone, Ph. D.
Professor of Industrial Arts Education
(812) 232-6311 Ext. 2278

Program
Aerospace Education Workshop
This interdisciplinary course is intended for teachers, administrators and others interested in aerospace activities and their effect on human events.

Given Annually, July; No Certificate Awarded.

19018691

IOWA STATE UNIVERSITY
Ames, Iowa 50010
Dr. Duane Gimmel
Workshop Director
(515) 294-4111

Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community’s school curriculum and youth-oriented programs.

Given Annually, June; Certificate Awarded.

19018791

MORNINGSIDE COLLEGE
Sioux City, Iowa 51106
Dr. Donald Koontz
Workshop Director
(712) 961-6251

Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community’s school curriculum and youth-oriented programs.

Given Annually, June; Certificate Awarded.

19018791

UNIVERSITY OF DUBUQUE
Aviation Administration Department
Dubuque, Iowa 52001
Professor Robert H. Ryder
Department Chairman
(319) 557-2226

Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed for elementary and secondary teachers and administrators interested in integrating aerospace concepts into the classroom.

Given Annually, Summer, No Certificate Awarded.

20019121

EMPERIA KANSAS STATE COLLEGE
Dept. Curriculum & Instruction-School of Education
1200 Commercial
Emporia, Kansas 66801
Wm. P. Edwards
Assoc Professor
(316) 913-1200 Ext 445
Continued

Program Mode: A
Aerospace Education Workshop
Designed primarily for in-service elementary teachers as an informational course on general aviation, and the space program instruction on dynamics of air flight, rocket power, space exploration and returns from space, weather, flight control center, radar, careers and vocational opportunities in air industry, commercial and military aviation, missile site tours, aircraft factories of Cessna, Beech and Lear jet, etc. Designed to enable the teachers to incorporate aspects of aviation and space into their classroom teaching.

Given Annually, Summer Session, July; No Certificate Awarded.

20019271
KANSAS STATE TEACHERS COLLEGE
Emporia, Kansas 66801
Dr. William Edwards
Workshop Director
(316) 343-1200
Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, July; Certificate Awarded.

20019281
KANSAS STATE UNIVERSITY
Civil Engineering
Seaton Hall
Manhattan, Kansas 66506
Dr. Bob L. Smith
Professor of Civil Engineering
(913) 532-5862
Program Mode: H
Traffic Engineering Seminar
This 2-week seminar is designed primarily for engineers with responsibilities for traffic engineering within their organizations. The program provides a comprehensive coverage of traffic engineering with emphasis on solutions for both urban and rural traffic and highway and street problems.

Given Annually, January Thru May; Certificate Awarded.

20019282
KANSAS STATE UNIVERSITY
Civil Engineering
Seaton Hall
Manhattan, Kansas 66506
Program Mode: H
Traffic Safety Workshop
This 2-week workshop is specifically designed for persons with non-engineering backgrounds who are charged with the conduct of traffic surveys, field investigations, accident data collection and analysis and the layout and application of traffic control devices.

Given Annually, January Thru June; Certificate Awarded.

20019283
KANSAS STATE UNIVERSITY
Department of Agricultural Engineering
Manhattan, Kansas 66506
Leo T. Wendling
State Leader, Agricultural Engineering Extension
(913) 532-5813
Program Mode: H
Agricultural Safety On Roads Workshop
This one-week workshop is designed for county agents and farm leaders. The program provides updated approaches and recommendations for safe road use of agricultural equipment. Information is to provide a basis for community safety programs.

Given Annually, February, March Or April; No Certificate Awarded.

20019284
KANSAS STATE UNIVERSITY
Center for Regional and Community Planning
Seaton Square
Manhattan, Kansas 66506
Professor Vernon P. Deines
Director
(913) 532-5958
Program Mode: U
Short Courses in Planning
Short courses in planning process, urbanization process, zoning and subdivision regulations, urban renewal and housing, and other special topics upon demand. The short courses vary from two to three half-day sessions up to two week sessions.

Given Annually, Fall, Spring & Summer; Certificate Awarded.

20019285
KANSAS STATE UNIVERSITY
Department of Curriculum and Instruction
Manhattan, Kansas 66506
Dr. Floyd H. Price
Director, Aerospace Education Workshop
(913) 532-5919
Aerospace Education Workshop

The aerospace education workshop is concerned with communicating knowledge, skills, and attitudes about aerospace activities and total impact of air and space vehicles upon society to classroom teachers at the elementary and secondary level. When teachers have an understanding of aerospace education they will incorporate many activities into their teaching which they have not done in the past. The course content is divided into three parts: (1) guest speakers and field trips; (2) library and text materials covered by lecturers (reserve air force officers); (3) development of instructional materials to use in classroom instruction.

Given Once Each Year, Summer Session; No Certificate Awarded.

WASHBURN UNIVERSITY OF TOPEKA
Office of Special Instruction Programs
Topeka, Kansas 66621
Walter Martin
Asst. Prof., Air Science
(913) 235-5341 Ext 137

Aerospace workshop - 3 hours graduate or undergraduate credit primarily for teachers (elem. and secondary).

Given Annually, June; Certificate Awarded.

WICHITA STATE UNIVERSITY
Wichita, Kansas 67208
Dr. Kenneth Nickel
Workshop Director
(316) 689-3456

Aerospace Education Workshop

A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, June; Certificate Awarded.

SEWARD COUNTY COMMUNITY JUNIOR COLLEGE
Aviation Department
P. O. Box 1137
Liberal, Kansas 67901

Flight Instructor Refresher Seminar

This course is intended to provide flight instructors with an update on any new rules, regulations and procedures in regards to domestic flight training.

Given Biannually, September; No Certificate Awarded.

HASKELL INDIAN JUNIOR COLLEGE
Industrial Mechanics Technical Division
Lawrence, Kansas 66044
C. R. Parker
Divisional Chairman
(913) 841-2000 Ext. 71

School Bus Drivers Workshop

This course is intended for school bus drivers interested in safety and mechanical operations.

Given Annually, July; Certificate Awarded.

EASTERN KENTUCKY UNIVERSITY
College of Arts and Sciences
Richmond, Kentucky 40475
Dr. Francesco Scorsone
Professor of Mathematics
(606) 622-5781

Interdisciplinary Seminar: Transportation

The course surveys the transportation field through an interdisciplinary approach. Focus is on evaluation of public transportation systems in the United States and on interaction of sub-systems. Faculty from departments and colleges of the university and guests from the outside sector lecture on their areas of expertise. Various aspects of transportation are presented: technological, social, economic, political and environmental. Course is open to advanced graduate students and undergraduate students at the master's level as an elective course with fifteen weekly sessions of two and one-half hours each.

Given As Required, No Certificate Awarded.
The course is given by NASA lecturers and Air Force reservists assisting the Union College director. The course includes such topics as aeronautics, space exploration and rocketry, orbits and trajectories, application of satellite programs, scientific satellite programs, lunar and planetary exploration, man in space and life sciences, technology transfer and spin-off, Mariner-Viking exploration of Mars, earth resources technology, sky lab program, a visit by a sky lab astronaut, and field trips to local airport, local weather station, Langley Research Center, Kennedy Space Center, and Wright-Patterson Air Force Base.

Given Each Summer, June 24 Through July 19, 1974; Certificate Awarded.

**UNIVERSITY OF KENTUCKY**
College of Engineering, Office of Continuing Education
Limestone
Lexington, Kentucky 40506
David K. Blythe
Associate Dean
(606) 258-5949

Program Mode: I
Concrete Conference
- An intensive 2-day short course for the continuing education of land surveyors. The subjects covered deal with new instrumentation and techniques, use of new calculating equipment and systems, legal aspects, and land surveyors' relationship with other professionals.
- Given Annually, Winter; No Certificate Awarded.

21019895
**UNIVERSITY OF KENTUCKY**
College of Engineering, Office of Continuing Education
Limestone
Lexington, Kentucky 40506
David K. Blythe
Associate Dean
(606) 258-5949

Program Mode: I
Control of Storm Drainage
- Symposium to bring the latest research, development, and design information to engineers and city officials in the design of urban runoff control.
- Given As Required; No Certificate Awarded.

**WESTERN KENTUCKY UNIVERSITY**
Louisville, Kentucky 40200
Dr. Robert L. Stevenson
Workshop Director
(602) 745-0111
Seminars, Institutes and Workshops

21020021  Continued

Program  Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, June; Certificate Awarded.

21990201
SOMERSET COMMUNITY COLLEGE
Office of Community Services
808 Monticello Rd.
Somerset, Kentucky 42501
Kenneth C. Bean
Coordinator of Community Services
(606) 678-8174

Program  Mode: E
Environmental Quality Control Seminar
This seminar is designed for engineers and administrators concerned primarily with air pollution control.
Given As Needed, April; No Certificate Awarded.

21990202
SOMERSET COMMUNITY COLLEGE
Office of Community Services
808 Monticello Rd.
Somerset, Kentucky 42501
Kenneth C. Bean
Coordinator of Community Services
(606) 678-8174

Program  Mode: H
Bituminous Workshop
Workshop designed to acquaint contractors with latest developments in bituminous surfacing and resurfacing developments.
Given As Needed, February; No Certificate Awarded.

22020051
NICHOLLS STATE UNIVERSITY
College of Education
College Station
Thibodaux, Louisiana 70301
Bob Clement
Department Head
(504) 446-8111

Program  Mode: A
Aerospace Education Workshop
Course designed to prepare elementary or secondary teachers.
Given Annually, Summer; Certificate Awarded.

22020081
LOUISIANA TECH UNIVERSITY
College of Education
College Station
Ruston, Louisiana 71270
Dr. Jerry Miller
Chairman of Elementary Education
(318) 257-2676

Program  Mode: A
Methods and Materials for Teaching Aerospace Education
Program designed for teachers wishing to teach aerospace who have a need to learn methods of presentation or who need materials.
Given Annually, Summer; Certificate Awarded.

22020201
NORTHEASTERN LOUISIANA UNIVERSITY
College of Pure and Applied Sciences
College Station
Monroe, Louisiana 71201
Colonel Dean Hartley
Coordinator of Aviation Studies
(318) 342-2189

Program  Mode: A
Aerospace Education Workshop
Course designed to prepare teachers of elementary or secondary level to teach aerospace within the school system.
Given 2 times Per Year, Summer; Certificate Awarded.

22020211
NORTHWESTERN STATE UNIVERSITY
Aviation Science
College Station
Natchitoches, Louisiana 71457
Ray Carney
Director, Aviation Science
(318) 357-5102

Program  Mode: A
Aviation Science
Workshop designed to prepare teachers for aerospace courses on the elementary or secondary level.
Given Annually, Summer; Certificate Awarded.

22020241
SOUTHEASTERN LOUISIANA UNIVERSITY
Department of Biology
Hammond, Louisiana 70401
Professor Headley C. Adelmann
Head of Department
(504) 549-2172

Program  Mode: W
Microbiology of Water, Sewage, and Industrial Waste
22020241  Continued

Study of purity and pollution of industrial wastes and sewage.
Given Annually, August; No Certificate Awarded.

22020242

SOUTHEASTERN LOUISIANA UNIVERSITY
Department of Marketing and Economics
Hammond, Louisiana 70401
Professor John King
Head of Department
(504) 549-2277
Program  Mode: I
Principles of Transportation
A survey of transportation problems with emphasis on regulations, rate making, pricing, competition, and the location of industry.
Given As Needed, August; No Certificate Awarded.

22020243

SOUTHEASTERN LOUISIANA UNIVERSITY
Sociology, Social Welfare and Geography
Hammond, Louisiana 70401
Professor George W. Bedsole
Head of Department
(504) 549-2110
Program  Mode: U
Urban Planning & Community Internship in Urban Planning
Urban planning-topics relevant to urban planning, including land arrangements, zoning, transportation, utilities and financial planning. Community internship in urban geography working with city officials and others in preparing land use, zoning, and property ownership maps, transportation, utilities and population studies.
Given As Needed, August; No Certificate Awarded.

22020244

SOUTHEASTERN LOUISIANA UNIVERSITY
Sociology, Social Welfare and Geography
Department
Hammond, Louisiana 70401
Professor George W. Bedsole
Head of Department
(504) 549-2110
Program  Mode: U
Environmental Studies
An evaluation of Louisiana's natural resources and their conservation. An investigation of the techniques of environmental management of resources for the economic, social and aesthetic needs of man.
Given Annually, June; No Certificate Awarded.

22020311

UNIVERSITY OF SOUTHWESTERN LOUISIANA
College of Education
P. O. Box 2051
Lafayette, Louisiana 70501
Dr. Dale Gleason
Aerospace Workshop Coordinator
(318) 233-350 Ext. 691
Program  Mode: A
Aviation Education Workshop
Course designed to prepare teachers of elementary or secondary level to teach aerospace within the school system.
Given Annually, Summer; Certificate Awarded.

23020531

UNIVERSITY OF MAINE AT ORONO
Civil Engineering Department
Orono, Maine 04473
Dr. George W. Greenwood
Professor in Civil Engineering
(207) 581-7145
Program  Mode: H
Traffic Engineering for Municipal Personnel
This one week workshop is intended to provide traffic engineering fundamentals for town managers, police, road commissioners, technicians, etc.
Given Upon Demand, April; Certificate Awarded.

24020581

ANNE ARUNDEL COMMUNITY COLLEGE
Annapolis, Md. 21012
Mr. Fred Thiesz
Workshop Director
(301) 647-7100
Program  Mode: A
Aerospace Education Workshop
A cooperative educator in-service training program focusing on the transmission of knowledge, skills and attitudes about aerospace activities, and the total impact of air and space vehicles on the world's people, technology and socio-economic institutions.
Given Annually, June; Certificate Awarded.

24020631

CATONSVILLE COMMUNITY COLLEGE
Continuing Education/Community Services
800 South Rolling Road
Catonsville, Maryland 21228
Robert N. Critchlow
Coordinator of Programs for Business and Industry
(301) 747-3220 Extension 432
Program  Mode: A
Commercial Instrument Seminar
24020631  Continued

This course is designed to upgrade those individuals holding a private pilot's license by providing training for commercial pilot certificates and instrument rating. Prerequisite — private pilot certificate or higher.
Given Three Times a Year, Fall, Spring, Summer; Certificate Awarded.

24020632
CATONSVILLE COMMUNITY COLLEGE
Continuing Education/Community Services
800 South Rolling Road
Catonsville, Maryland 21228
Robert N. Critchlow
Coordinator of Programs for Business and Industry
(301) 747-3220 Extension 432
Program
Ground School Training Seminar
Course is designed to cover all ground school training material requirements necessary to obtain a private pilot's license.
Given Three Times a Year - Fall - September, Spring - April; Certificate Awarded.

24020633
CATONSVILLE COMMUNITY COLLEGE
Continuing Education and Community Services
800 South Rolling Road
Baltimore, Maryland 21228
Robert N. Critchlow
Coordinator of Programs for Business and Industry
(301) 747-3220 Extension 432
Program
Mode: A
This seminar is given in cooperation with Maryland Safety Council for motor fleet supervisors and personnel who are capable of relieving management of details of planning and administering an adequate plan for reducing accidents, lowering insurance costs and building better public relations.
Given Annually, March; Certificate Awarded.

24020711
FREDERICK COMMUNITY COLLEGE
Frederick, Maryland 21701
Mr. Dennis Hawkes
Workshop Director
(301) 662-0101
Program
Aerospace Education Workshop
A cooperative educator in-service training program focusing on the transmission of knowledge, skills and attitudes about aerospace activities, and the total impact of air and space vehicles on the world's people, technology and socio-economic institutions.
Given Annually, February; Certificate Awarded.

24020771
JOHNS HOPKINS UNIVERSITY
Center for Metropolitan Planning and Research
Shriver Hall
Baltimore, Maryland 21218
Dr. Jack C. Fisher
Director
(301) 366-3300, Extension 1040
Program
Mode: U
Workshop-Seminar in Balto. Transit Planning and Impact
The workshop-seminar is designed for advanced students, faculty, and public officials interested in mass transit planning and impact issues relevant to Baltimore. Academic credit is given through the department of geography and environmental engineering.
Given Every Semester, September-December, January-May; No Certificate Awarded.

24020991
TOWSON STATE COLLEGE
Physics
Baltimore, Maryland 21204
Dr. Louis Cox
Professor
(301) 823-7500
Program
Aerospace Education Workshop
Aerospace education workshop, 3 sem. hrs, credit, graduate or undergraduate, in coop. With CAP, USAF and NASA. General aviation and space flight knowledge with teaching materials, resources & field experiences; usually airlift & tour Cape Kennedy Space Center. Other day tours and flying. For k-12 teachers, supervisors, administrators and students of teaching.

24021031
UNIVERSITY OF MARYLAND
Aerospace Engineering
College Park, Maryland 20742
Dr. John D. Anderson, Jr.
Professor & Chairman
(301) 454-2426
Program
Mode: I
NASTRAN Short Course
This is a two week short course given to educate engineers with the NASTRAN structural analysis computer program. The program has general applications to cars, aircraft and ships.
Given Annually, Summer; Certificate Awarded.
**24021032**

UNIVERSITY OF MARYLAND  
Civil Engineering Dept.  
College Park, Maryland 20742  
Dr. Thomas E. Mulinazzi  
Director of Short Course  
(301) 454-2438

Program  
Urban Transportation Planning Short Course  
This course is intended for people who are just entering the transportation planning profession either through a job transfer or a new employer. Basic terms and definitions are presented and the general urban transportation planning process is discussed.  
Given Annually, in the Spring; Certificate Awarded.

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**24021033**

UNIVERSITY OF MARYLAND  
Civil Engineering Dept.  
College Park, Maryland 20742  
Dr. Jerome Hall  
Director of Short Course  
(301) 454-2438

Program  
Traffic Engineering Short Course  
This course is intended for junior engineers and technicians who do not have much experience in traffic engineering. The course covers the fundamentals of traffic engineering such as signs, markings, signals, traffic studies, capacity, intersection design and report writing.  
Given Annually, October (5 Days); Certificate Awarded.

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**24021034**

UNIVERSITY OF MARYLAND  
Civil Engineering Dept.  
College Park, Maryland 20742  
Dr. Everett C. Carter  
Director of Short Course  
(301) 454-2438

Program  
Traffic Studies and Forecasting Short Course  
This course is intended for state highway personnel who have responsibility for forecasting on a state-wide level and for conducting traffic studies. This is a three day course.  
Given Annually.

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**24046501**  
Continued

CHESAPEAKE COLLEGE  
Box 8  
Wye Mills, Maryland 21679  
John R. Rodman  
Dean of Instruction  
(301) 822-5400 or 758-1537 (37)

Program  
Aviation Ground School  
This three-semester-hour course is intended for preparation of pilot candidates in non-flying elements of pilot training.  
Given Each Semester, Fall & Spring Semesters; No Certificate Awarded.

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**25021551**

HARVARD UNIVERSITY  
School of Public Health  
677 Huntington Avenue  
Boston, Massachusetts 02115  
Dr. Jack Spengler  
Co-Director, Regional Environmental Program  
(617) 734-3300 Ext. 561

Program  
Regional Environmental Program  
Harvard University is one of 14 New England universities participating in the 'New England Consortium on Environmental Protection,' a federally-funded program. Dr. Spengler is co-director of the regional division of this program. The 'regional environmental program' deals primarily with problems of air pollution and land use. During the summer, an attempt is made to place students in environmental agencies. During the school year, students work on various environmental-related projects, for which they can receive credit from the school of public health.  
Given On-Going, Throughout the Year; No Certificate Awarded.

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**25021611**

LOWELL TECHNOLOGICAL INSTITUTE  
Civil Engineering Department  
One Textile Avenue  
Lowell, Massachusetts 01854  
William B. Moeller  
Chairman, Civil Engineering  
(617) 454-7811

Program  
New England Asphalt Paving Conference  
It is an organized effort to present the most recent developments in the design, specifications preparation, construction and maintenance techniques in asphalt paving applications, and provides reference to new developments, as well as traditionally accepted and successful paving practices.  
Given Annually Rotating Every Three Years Spring Vacation.

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**25021681**

CAPE COD COMMUNITY COLLEGE  
Collegiate Technical Education  
Route 132  
West Barnstable, Massachusetts 02668
Continued

John C. Briscoe
Dean of Collegiate Technical Education
(617) 362-2131
Program
Continuing Education
Northeast Airport Managers Seminars for persons employed in airport management. Topics cover rules and regulations, fixed base operations, flight operations, business operations.

MASSACHUSETTS MARITIME ACADEMY
Buzzards Bay, Massachusetts 02532
Dr. Richard Little
Workshop Director
(617) 759-5761
Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

FITCHBURG STATE COLLEGE
Fitchburg, Massachusetts 01420
Mr. W. Russell Blake
Workshop Director
(617) 343-6417
Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

NORTHEASTERN UNIVERSITY
Center for Continuing Education
360 Huntington Avenue
Boston, Massachusetts 02115
Professor Malcolm J. Campbell
Director of Continuing Education
(617) 437-2600
Program
Manager Development Seminar
A middle management development program for personnel in urban mass transportation activities. Four-week residential sessions are devoted to supervisory skills, interviewing skills, reading and writing skills, affecting transit operations and planning for personal growth on the job.

WESTERN NEW ENGLAND COLLEGE
Evening Division
1215 Wilbraham Road
Springfield, Massachusetts 01119
Frederick W. Brown, Jr.
Dean of the Evening Division
(413) 783-6131
Program
Environmental Acoustics and Noise Control
A non-credit, no prerequisite course for plant managers, industrial engineers, technicians, insurance officials, and others involved in complying with the requirements for noise control set forth in the Walsh-Healey Act and administered by OSHA.

AVIATION CAREERS INSTITUTE
106 Access Road
Norwood, Massachusetts 02062
25990191  Continued
Joseph W. Benkert
President
(617) 762-7465
Program
Instrument Pilot
Instrument pilot ground school.
Given Quarterly, Sept, Nov, Jan, Mar; Certificate Awarded.

26022901
MICHIGAN STATE UNIVERSITY
East Lansing, Michigan 48823
Dr. Cal Collier
Workshop Director
(517) 355-1855
Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, August; Certificate Awarded.

26023151
SCHOOLCRAFT COLLEGE
Community Services
18600 Haggerty Road
Livonia, Michigan 48151
Ronald Griffith
Director of Community Services
(313) 591-6400, Ext. 264
Program
FAA'S Pilot Educational Clinic
A cooperative program between the Federal Aviation Administration and Schoolcraft College. A Scan training program.
Given Annually, July; Certificate Awarded.

26023152
SCHOOLCRAFT COLLEGE
Community Services
18600 Haggerty Road
Livonia, Michigan 48151
Ronald Griffith
Director of Community Services
(313) 591-6400, Ext. 264
Program
Private/Commercial Ground School
A basic aviation ground school designed to provide the necessary knowledge and skills required by both private and commercial pilots in the areas of operations, procedures, and regulations. Course emphasizes those areas covered by the Federal Aviation Administration (FAA) private and commercial examinations.
Given Twice a Year, Fall/Winter Semesters; Certificate Awarded.

26071711
KIRTLAND COMMUNITY COLLEGE
Route 4 - Box 59a
Roscommon, Michigan 48663
William L. Evans
Career Advisor
(517) 275-5121
Program
Powder Puff Auto Mechanics
To acquaint women with automotive trouble shooting and simple repair operations.
Given As Required; Certificate Awarded.

27023361
BEMIDJI STATE COLLEGE
Bemidji, Minnesota 56601
Dr. Duane Sea
Workshop Director
(218) 755-2000
Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, September - November; Certificate Awarded.

27023601
MANKATO STATE COLLEGE
Physics Department
Mankato, Minnesota 56001
Dr. Sanford L. Schuster
Professor
(507) 389-6626
Program
Aerospace Workshop
This course is intended for elementary and secondary teachers. The purpose is to acquaint them with aerospace concepts and related classroom activities.
Given Annually, June or July; No Certificate Awarded.
Seminars, Institutes and Workshops

27023671
MOORHEAD STATE COLLEGE
Dept. of Physics & Astronomy
Moorhead, Minnesota 56560
Dr. Walter Vollmers
Asst. Prof. of Physics and Astronomy
(218) 236-2141
Program Mode: A
Aerospace Education Workshop
Basic principles of aerodynamics, conventional and rocket engines, space flight, and related topics. Many guest lecture-demonstrations. Construction of teaching aids. Possibly a two-day air tour. Three hours free flying time and free textbook (provided by Minn. Dept. Of Aeronautics) and several field trips.
Given Annually, Summer; No Certificate Awarded.

27023771
ST. CLOUD STATE COLLEGE
Department of Technology
St. Cloud, Minnesota 56301
John Colomy
Instructor
(612) 255-3110
Program Mode: A
Aviation Educators Workshop
This course is designed to provide elementary and secondary educators with a background in aviation including resources, curriculums, and the knowledge areas required of a pilot.
Given Annually, August; No Certificate Awarded.

27023941
WINONA STATE COLLEGE
Winona, Mn 55987
Dr. Hugh Capron
Workshop Director
(507) 457-2110
Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, June-July; Certificate Awarded.

27039691 Continued
William L. Garrard
Associate Professor
(612) 373-2675 or 373-5010
Program Mode: U
Advanced Transit Systems
Technology of advanced urban mass transit systems such as personal rapid transit, group rapid transit, and dual mode transit.
Given 1 Qtr. Each Year, Winter Qtr (Jan - March); No Certificate Awarded.

27067741
LAKEWOOD COMMUNITY COLLEGE
White Bear, Minnesota 55110
Dr. Harris Miller
Workshop Director
(612) 770-1331
Program Mode: I
Review Courses for A.S.T.E.T. Exams
As the title implies, the night school or workshop effort is geared toward assisting the American Society of Traffic and Transportation candidates prepare for the examination series culminating in 'certified membership.'
Given Twice Per Year, Fall and Winter Quarters; No Certificate Awarded.

27990002
ALBERT LEA AREA VOCATIONAL TECHNICAL INSTITUTE
Transportation and Distribution Management
2200 Tech Drive
Albert Lea, Minnesota 56007
Transportation Department Coordinator
(507) 373-0656
Program Mode: I
Review Courses for A.S.T.E.T. Exams
As the title implies, the night school or workshop effort is geared toward assisting the American Society of Traffic and Transportation candidates prepare for the examination series culminating in 'certified membership.'
Given Twice Per Year, Fall and Winter Quarters; No Certificate Awarded.

26024401
UNIVERSITY OF MISSISSIPPI
Department of Management
University of Mississippi
University, Mississippi 38677
Dr. D. L. Howell
Director, Highway and Transportation Management Institute
(601) 232-7493
Program Mode: H
Highway and Transportation Management Seminar
This course is intended for engineers and administrators in highway and transportation related organizations and is sponsored by AASHTO and HUFSAM.
Given Annually for Five Weeks, Three Weeks in January and two weeks in March; Certificate Awarded.

UNIV. OF SOUTHERN MISSISSIPPI
Hattiesburg, Mississippi 39401
Dr. Rex Leonard
Workshop Director
(601) 266-7101

Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, June; Certificate Awarded.

CENTRAL MISSOURI STATE UNIVERSITY
Dept. of Power and Transportation
Warrensburg, Missouri 64093
Dr. John W. Horine
Department Head
(816) 429-4975

Program Mode: A
Aerospace Education
This two week workshop is designed as an orientation course for educators who wish to adapt aviation or space concepts to their teaching or to teach credit courses in aviation in secondary schools.
Given Annually, July; No Certificate Awarded.

CENTRAL MISSOURI STATE UNIVERSITY
School of Public Services
314 Humphreys
Warrensburg, Missouri 64093
Dr. Robert L. Marshall
Dean, School of Public Services
(816) 429-4743

Program Mode: H
National Traffic Management Institute
Police traffic management, police traffic administration, traffic accident investigation, selective traffic enforcement program, police instructor training, annual death investigation seminar.
Given Quarterly, Each Quarter of Academic Year; Certificate Awarded.

MERAMEC COMMUNITY COLLEGE
Division of Continuing Education
11333 Big Bend Blvd.
Kirkwood, Missouri 63122
James K. Lahr
Dean, Continuing Education
(314) 966-3402

Program Mode: I
Introduction to Transportation & Traffic Management
A beginning course for those who are interested in the field of traffic and transportation. It presents a fundamental understanding of the various facets of traffic and transportation management. Emphasis throughout the course is on management's utilization of media selection, rate negotiations, capital equipment commitments, private transportation operations, and special transport services.
Given Each Semester, Each September and January; No Certificate Awarded.

TRENTON JUNIOR COLLEGE
1301 Main
Trenton, Missouri 64683
Gean Porter
Dean, Vocational & Continuing Education
(816) 359-3948

Program Mode: H
Emergency Medical Tech-Ambulance
This is the Department of Transportation 81 clock-hour course for ambulance personnel.
Given A New Section Begins Every 3 Weeks All Year Long.

UNIVERSITY OF MISSOURI-ROLLA
Civil Engineering
Rolla, Missouri 65401
Dr. Jack H. Emanuel
Director of Bridge Courses
(314) 341-4472

Program Mode: H
Inspection of Existing Bridges
This two-day seminar is designed for bridge engineers, city and county engineers and superintendents, and others responsible for inspecting and maintaining existing bridges. The program relates to the 1968 Federal-aid Highway Act. Inspection
procedures and determination of operating/inventory ratings are covered for steel, concrete, and timber bridges.

Continued, October-November; Certificate Awarded.

UNIVERSITY OF MISSOURI-ROLLA
Civil Engineering
Rolla, Missouri 65401
Dr. Jack H. Emanuel
Director of Bridge Courses
(314) 341-4472

Program Mode: H
Bridge Maintenance and Repair
This two-day seminar is designed for bridge engineers, city and county engineers and superintendents, and others responsible for maintaining, upgrading, and safeguarding bridges. The program covers causes and effects of bridge deterioration; general repair of the various types of steel, concrete, and timber bridge components; paints and protective coatings for steel structures; deck repair, including concrete banded, epoxy resin, and latex mortar overlays; membrane waterproofing; and asphalt overlays.

Given biannually, October-November; Certificate Awarded.

UNIVERSITY OF MISSOURI-ROLLA
Civil Engineering
Rolla, Missouri 65401
Professor Ward R. Malisch
Director of Materials Short Courses
(314) 341-4461

Program Mode: H
Asphalt Conference
A one day seminar concerning new developments in asphalt pavement technology, and a review of proper methods for producing high performance pavements.

Given Annually, November; No Certificate Awarded.

UNIVERSITY OF MISSOURI-ROLLA
Civil Engineering
Rolla, Missouri 65401
Professor Ward R. Malisch
Director of Materials Short Courses
(314) 341-4461

Program Mode: H
Concrete Conference
A one day seminar concerning use of Portland Cement concrete in pavements and other structures.

Given Annually, March; No Certificate Awarded.

UNIVERSITY OF MISSOURI-ROLLA
Civil Engineering
Rolla, Missouri 65401
Professor J. Larry Josey
Director of Traffic Signal Short Courses
(314) 341-4466

Program Mode: H
Traffic Signal Short Course
This is a three day short course designed to teach the fundamentals of signal operation and maintenance to city traffic engineers and small town's traffic technicians. Basic warrants, operations, maintenance, and trouble shooting procedures are taught.

Given Annually, March; Certificate Awarded.

MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY
Butte, Montana 59701
Dr. Elmer Gless
Workshop Director
(406) 792-8321

Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and achievements to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, June-July; Certificate Awarded.

MONTANA STATE UNIVERSITY
Department of Civil Engineering
Bozeman, Montana 59715
Dr. Glen L. Martin
Department Head and Professor
(406) 994-2111

Program Mode: H
Montana Roads and Streets Conference
This 3-day conference is designed to cover the spectrum of highway and street planning, design, construction, operation, and maintenance activities. A different area of emphasis is selected for each con-
ference, but one day is usually set aside for topics dealing directly with traffic safety.
Given Every Even Numbered Year, March; No Certificate Awarded.

30025322
MONTANA STATE UNIVERSITY
Department of Civil Engineering
Bozeman, Montana 59715
Dr. Glen L. Martin
Department Head and Professor
(406) 994-2111
Program Mode: H
Roads and Streets Workshops (Exact Title Varies)
Each of these short (1-3 days) workshops deals with a specific topic chosen for its general interest and timeliness. These workshops are intended to complement the biannual Montana roads and streets conferences held in alternating years.
Given As Desirable (Odd Numbered Year), Spring; No Certificate Awarded.

30025323
MONTANA STATE UNIVERSITY
Department of Civil Engineering
Bozeman, Montana 59715
Dr. Glen L. Martin
Department Head and Professor
(406) 994-2111
Program Mode: H
Basic Road Design School
This 3-week school covers the basics of designing low-volume rural access and haul roads. At present, attendance is limited to U.S. Forest Service and other federal employees.
Given Annually, January-February; Certificate Awarded.

30025324
MONTANA STATE UNIVERSITY
Department of Civil Engineering
Bozeman, Montana 59715
Dr. Glen L. Martin
Department Head and Professor
(406) 994-2111
Program Mode: H
Advanced Road Design School
This 2-week school covers advanced topics relevant to the design of low-volume rural access and haul roads. At present, attendance is limited to U.S. Forest Service and other federal employees.
Given Annually, March; No Certificate Awarded.

30025325
MONTANA STATE UNIVERSITY
Law Enforcement Academy Bureau
Bozeman, Montana 59715
Chief
(406) 994-3918
Program Mode: H
Basic School
Attendance at this 280-hour school is limited to law enforcement personnel. The purpose of the school is to provide general training in law enforcement activities to newly recruited officers. Training in emergency vehicle operation and defensive driving procedures is included in the program.
Given Quarterly, Each Quarter of the Year; Certificate Awarded.

30025326
MONTANA STATE UNIVERSITY
Law Enforcement Academy Bureau
Bozeman, Montana 59715
Chief
(406) 994-3918
Program Mode: H
Montana Highway Patrol Recruit School
This is a 10-week school conducted exclusively for new recruits of the Montana Highway Patrol. Training in traffic and motor vehicle laws, emergency vehicle operation, and defensive driving procedures is included in the program.
Given Annually, April-June; Certificate Awarded.

30025327
MONTANA STATE UNIVERSITY
Law Enforcement Academy Bureau
Bozeman, Montana 59715
Chief
(406) 994-3918
Program Mode: H
Accident Investigation School
Attendance at this 2-week school is limited to law enforcement personnel. Extensive training in investigating and reporting traffic accidents is given.
Given Annually, Fall; Certificate Awarded.

30025331
NORTHERN MONTANA COLLEGE
Education Division
Havre, Montana 59501
Dr. Lee Spuhler
Dean, Education Division
(406) 265-7821, Ext. 244
Program Mode: A
Aerospace Education Workshop
Designed to provide teachers with both the basic and latest aviation and space developments and knowl-
NORTHERN MONTANA COLLEGE

Education
Havre, Montana 59501
Dr. Lee Spuhler
Dean of Education Division
(406) 265-7821, Ext. 244

Program Mode: H
Driver and Traffic Safety Education
Covers the history and philosophy of driving education and materials, content and techniques of instruction.
Given Annually, Fall, Winter and Summer; No Certificate Awarded.

Program Mode: E
Emergency Driving Procedures
Workshop for driver education instructors desiring instruction in developing and organizing an emergency driving unit of instruction.
Given Alternate Years, June-July; No Certificate Awarded.

CHADRON STATE COLLEGE
School of Science & Technology
10Th & Main Street
Chadron, Nebraska 69337
Jack L. Swanson
Dean, School of Science & Technology
(308) 432-2364

Program Mode: A
Air Pilot Training
The pilot training program offers academic credit for both flight instruction and ground instruction and is a FAA-certified flight training school. The program consists of courses leading to student, private and commercial pilot’s certificates and the instrument and instructor ratings.
Given As Requested, Sept., Jan.; Certificate Awarded.

KEARNEY STATE COLLEGE
Kearney, Nebraska 68847
Dr. Leonard Skov
Workshop Director
(308) 236-4141

Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community’s school curriculum and youth-oriented programs.
Given Annually, June-July; Certificate Awarded.

MIDLAND LUTHERAN COLLEGE
Fremont, Nebraska 68025
Dr. Maynard Traeder
Workshop Director
(402) 721-5480

Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community’s school curriculum and youth-oriented programs.
Given Annually, February - May; Certificate Awarded.
31025591  
**PERU STATE COLLEGE**  
Natural Science  
Peru, Nebraska 68421  
Mr. Albert Brady  
Chairman, Natural Science  
(402) 872-3815, Ext. 284  
Program  
**Mode: A**  
Aerospace Science  
A non-technical course intended for elementary, junior high school, senior high school teachers and all other persons interested in better understanding the aerospace age.  
Given Annually, Summer; No Certificate Awarded.

31025661  
**WAYNE STATE COLLEGE**  
Math and Science Dept.  
200 East 10th  
Wayne, Nebraska 68787  
Dr. Frank Prather  
Head, Dept. of Math and Science  
(402) 375-2200 Ext. 310  
Program  
**Mode: A**  
Aerospace Education  
Two and one-half week workshop emphasizing understanding of cultural economic, vocational, technological and political aspects of aerospace research and technology. Workshop activities include outside speakers, field trips, lectures, films and generally a 3-day Air Force airlift to Washington, D.C.  
Given Annually, Summer Session; No Certificate Awarded.

31025662  
**WAYNE STATE COLLEGE**  
Industrial Education Dept.  
200 East 10th  
Wayne, Nebraska 68787  
Dr. Niel Edmunds  
Dean  
(402) 375-2200 Ext. 227  
Program  
**Mode: H**  
Safety Education  
A 20-hour minor area of study for students wishing a teaching endorsement in the field of traffic safety.  
Given Annually, Courses Each Term; No Certificate Awarded.

31025663  
**WAYNE STATE COLLEGE**  
Department of Mathematics and Sciences  
12th and Main  
Wayne, Nebraska 68787  
Professor Frank P. Prather  
Department Chairman  
(402) 375-2200 Ext. 310  
Program  
**Mode: H**  
Agricultural Land and Water Technology  
This course is designed to give graduates skills and technical knowledge in water conservation, soil science and conservation, land surface survey, drafting and designing of watering and water conservation plans.  
Given Annually, July; No Certificate Awarded.

31080251  
**UNIVERSITY OF NEBRASKA SCHOOL OF TECHNICAL AGRICULTURE**  
Agricultural Land and Water Technology  
Curtis, Nebraska 69025  
Gerald Sundquist  
Department Head  
(308) 367-8389  
Program  
**Mode: H**  
Agricultural Land and Water Technology  
This course is designed to give graduates skills and technical knowledge in water conservation, soil science and conservation, land surface survey, drafting and designing of watering and water conservation plans.  
Given Continuous 7 Quarters, Beginning in October; Certificate Awarded.
31990181
WESTERN NEBRASKA TECHNICAL COLLEGE
Kansas-Nebraska Company Department
Sidney, Nebraska 69162
Tom Rutt
Training Director
(308) 254-5450
Program Mode: P
Gas Company Service School
Gas company servicemen updating program.
Given Weekly, October Through June; Certificate Awarded.

31990182
WESTERN NEBRASKA TECHNICAL COLLEGE
Welding Department
Sidney, Nebraska 69162
Harry Hill
Welding Instructor
(308) 254-5450
Program Mode: I
Certification Welding Class
Welding certification program for highway bridge
construction and Caterpillar Tractor Company.
Given As Needed, September Through May; Certificate
Awarded.

32025681
UNIVERSITY OF NEVADA, RENO
Civil Engineering
Reno, Nevada 89507
Dr. Lowell H. Shiffley, Jr.
Professor of Civil Engineering
(702) 784-6941
Program Mode: H
Nevada Street and Highway Conference
Conference intended for engineers and administra-
tors interested in the problems of transportation en-
ingineering.
Given Annually, March; No Certificate Awarded.

32025691
UNIVERSITY OF NEVADA, LAS VEGAS
College of Education-Dept. of Curriculum & Instr.
4505 Maryland Parkway
Las Vegas, Nevada 89154
H. H. Hendrix
Acting Chairperson
(702) 739-3241
Program Mode: A
Workshop in Aerospace Education
Aerospace education and technology and the social
economic and political implications for teachers
and others interested in gaining further understand-
ing of the aerospace age and its implications for
education
Given Yearly, Summers 6:40-9:30 A.M.; No Certificate
Awarded.

33025781
NATHANIEL HAWTHORNE COLLEGE
Aviation Dept.
Antrim, New Hampshire 03440
Major George N. Gibson
Director Aviation Program
(603) 884-5586
Program Mode: A
Summer Flying Camp
Summer flying camp program for youth 16-18 yrs.
Given Two Five Week Sessions, Summer; No Certificate
Awarded.

33025891
UNIVERSITY OF NEW HAMPSHIRE
Whittemore School
Mcconnell Hall
Durham, New Hampshire 03824
Lawrence Cole
Associate Dean
(603) 862-1983
Program Mode: I
Transportation Economics
This course is designed primarily for economics and
business administration graduate and upper divi-
sion undergraduate students. Emphasis on rail
transportation.
Given Annually, Spring Semester; No Certificate Awarded.

33047311
NEW ENGLAND AERONAUTICAL INSTITUTE
University Drive
Nashua, New Hampshire 03031
Prof. Jacob D. Kertz
Director of Flight Operations
(603) 883-3556
Program Mode: A
Aerospace Indoctrination
To give high school and elementary school teachers a
working background in aviation and aerospace so
they may integrate current and factual information
into their own curriculums. Credit approved for
teacher certification requirements.
Given Annually, July or August; No Certificate Awarded.

34026321
SETON HALL UNIVERSITY
South Orange, New Jersey 07079
Mr. John O'Hara  
Workshop Director  
(201) 762-9000  

Program  
Aerospace Education Workshop  
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.  
Given Annually, June-July; Certificate Awarded.

RUTGERS UNIVERSITY, THE STATE UNIVERSITY  
OF N. J.  
Civil and Environmental Engineering  
Busch Campus  
New Brunswick, New Jersey 08903  
Dr. Joel Wiesenfeld  
Department Chairman  
(201) 932-2232  

Program  
Annual Asphalt Paving Conference  
A two-day conference for state, county, municipal and consulting engineers on the latest aspects of asphalt paving.  
Given Annually, March; No Certificate Awarded.

NEW MEXICO STATE UNIVERSITY  
Civil Engineering Department  
Box 3-CE  
Las Cruces, New Mexico 88003  
Kenneth R. White  
Assistant Professor  
(505) 646-3134  

Program  
New Mexico Highway Engineering Conference  
The conference provides technical papers of current interest to those interested in highway construction, maintenance, and development.  
Given Annually, April; No Certificate Awarded.

UNIVERSITY OF ALBUQUERQUE  
Aerospace Resource Center  
St. Joseph Place, N.W.  
Albuquerque, New Mexico 87116  
John W. Demyanovich  
Director of Aerospace Programs  
(505) 243-9461, Ext: 334 Or 244  

Program  
Aerospace Education Workshop  
The aerospace education workshop is designed to assist teachers and administrators to better understand the cultural, economic, vocational, technological and political problems associated with air and space travel. Emphasis will be placed upon presenting materials in a non-technical manner in order to help teachers develop a vocabulary of the space age. Three (3) upper-division credits given upon successful completion.  
Given Semi-Annually, January and June; No Certificate Awarded.
Seminars, Institutes and Workshops

3602671  Continued

R. Smith
Director of Aeronautics
(516) 589-6100

Program  Mode: 0
Teacher Education - Aerospace

To provide a 3-grad. credit workshop for elementary & secondary teachers in aerospace ed. Materials, methods, & curricula that can be integrated into all areas, i. e., social studies, lang. arts, math, sciences, etc. Will include field trips & 'hands-on' experience for the teacher.

Given Education Workshop, July 7-18, 1974; Certificate Awarded.

36026811

CANISIUS COLLEGE
Buffalo, New York 14208
Dr. Donald Murphy
Workshop Director
(716) 883-7000

Program  Mode: A
Aerospace Education Workshop

A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, July-August; Certificate Awarded.

36026881

CITY COLLEGE OF NEW YORK
New York, New York 10031
Dr. Martin Martin
Workshop Director
(212) 621-2541

Program  Mode: A
Aerospace Education Workshop

A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, July; Certificate Awarded.

36027351  Continued

Carmen A. Notaro, Ph.D.
Acting Academic Dean
(716) 649-7900

Program  Mode: W
Boating Course

Offered by the United States Power Squadron (Hamburg area) on the Hilbert Campus as part of the college community service. The course provides information on handling outboard, inboard or sail boats and the essentials necessary for safe boating operations.

Given Semi-Annually, Sept-Dec; Jan-April; Certificate Awarded.

36027541

CW POST CENTER, LIU
Greenvale, New York 11548
Mr. Jerome O'Brien
Workshop Director
(516) 299-0200

Program  Mode: A
Aerospace Education Workshop

A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, June-July; Certificate Awarded.

36027581

MANHATTAN COLLEGE
Civil Engineering
Bronx, New York 10471
William A. Brown, Ph. D., P. E.
Associate Professor and Chairman
(212) 548-1400 Ext. 283

Program  Mode: I
Seminar in Urban Transportation

This seminar is intended for both engineers and non-engineers interested in: demand for mass transit; current modes of mass transportation; social and psychological aspects; marketing, management, labor and politics in mass transit; research and development in mass transit.

Given Annually, Fall Semester; No Certificate Awarded.

36027961

POLYTECHNIC INSTITUTE OF NEW YORK
Department of Civil Engineering
333 Jay Street
Brooklyn, New York 11201
36027961  Continued

Professor Henry F. Soehngen
Department Head
(212) 643-8575

Program Mode: H
Asphalt Paving Conference
One day—covering latest methods of construction and design procedures relating to the use of asphalt as a construction material. Sponsored with assistance from the Asphalt Institute.

Given Annually, Spring; No Certificate Awarded.

36027962

POLYTECHNIC INSTITUTE OF NEW YORK
Mechanical Engineering
333 Jay Street
Brooklyn, New York 11201
Richard Thorsen
Head, Dept. of Mechanical Engineering
(212) 643-5044

Program Mode: I
Energy Conversion (Me 761)
Energy resources, modes of energy conversion and the principles of energy conversion technology applied to electrical power generation, transportation systems, environmental control and cryogenic systems. Combined cycles and processes and 'total energy systems' for more effective resource utilization. Interaction of energy conversion technology and the environment.


36027963

POLYTECHNIC INSTITUTE OF NEW YORK
Mechanical Engineering
333 Jay Street
Brooklyn, New York 11201
Richard Thorsen
Head, Dept. of Mech. Eng.
(212) 643-5044

Program Mode: I
Special Topics in Energy Conversion (Me 762)
Analysis and evaluation of new alternative energy resources and energy conversion systems. Selected topics in vehicle propulsion, large and small scale electrical power generation, power transmission and energy storage, biomedical power, environmental impact and related problems in emission control.

Given Annually, Feb. Thru May; No Certificate Awarded.

36028031  Continued

Professor Larry J. Feeser
Division Chairman
(518) 270-6362

Program Mode: H
Asphalt Pavements
Program intended as a continuing education effort in the design of asphalt pavements.

Given Annually, March; No Certificate Awarded.

36028371

STATE UNIVERSITY OF NEW YORK AT BUFFALO
Geography Department
4224 Ridge Lea Road, Room 41
Buffalo, New York 14226
Professor Edgar C. Conkling
Department Chairman
(716) 831-1611

Program Mode: I
Transportation Geography
Attention is given to contemporary transportation problems, to the nature and spatial consequences of various planning strategies, and to techniques available for analyzing and evaluating these problems and planning strategies, and with the nature of current research designs necessary to bring together the components of the transportation system.

Given Annually, Fall Semester and Summer; No Certificate Awarded.

36028411

SUNY COLLEGE AT BROCKPORT
Brockport, New York 14420
Dr. George Caraker
Workshop Director
(716) 395-2211

Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, July; Certificate Awarded.

36028491

STATE UNIVERSITY OF NEW YORK,
PLATTSBURGH
Faculty of General and Continuing Education
Plattsburgh, New York 12901.
Ray Larocque
Assistant Director
(518) 564-3135
Continued

151

Program Mode: U
NYS Supervisors of Pupil Transportation Services Workshop
This three day conference is primarily designed for school district supervisors of pupil transportation. The program provides comprehensive coverage of state and federal regulations and legislation in pupil and vehicle safety.
Given Annual, July; Certificate Awarded.

STATE UNIVERSITY OF NEW YORK - MARITIME COLLEGE
Fort Schuyler
Bronx, New York 10465
William R. Porter
Vice-President, Academic Affairs
(212) 892-3000

Program Mode: W
License Program for Ship Officers
This program given concurrently with baccalaureate studies includes education and training in preparation for Federal license as Third Mate or Third Assistant Engineer (steam and diesel) for operation of ships of unlimited size and power, on any ocean. The license issued with the degree is an attractive qualification for employment.

Given Annual, Academic Year & Summer Sea Term; Certificate Awarded.

NASSAU COMMUNITY COLLEGE
Department of Criminal Justice
Stewart Avenue
Garden City, New York 10115-0
Albert E. Donor, Jr.
Dean of Instruction
(516) 742-0600 Ext. 483

Program Mode: H
Traffic Control Functions
This three-credit course is intended for police science students interested in organization for traffic control, accident investigation, and traffic flow regulation. Includes survey of state traffic law.

Given Biannually, Spring-Fall; No Certificate Awarded.

NASSAU COMMUNITY COLLEGE
Department of Physical Science
Stewart Avenue
Garden City, New York 10115-0
Dr. Albert E. Donor, Jr.
Dean of Instruction
(516) 742-0600 Ext. 483

Program Mode: E
Environmental Science
This six-credit course discusses the basic principles concerning the nature of environmental pollution and the causes and effects of special pollutants. Field trips included.
Given Each Semester, Spring-Fall-Summer; No Certificate Awarded.

NASSAU COMMUNITY COLLEGE
Department of Art
Stewart Avenue
Garden City, New York 10115-0
Dr. Albert E. Donor, Jr.
Dean of Instruction
(516) 742-0600 Ext. 483

Program Mode: U
Urban Design and Community Planning
This three-credit course explores the ecological environment and the aesthetic and technical problems of designing a community in an urban environment.

Given Biannually, Spring & Fall; No Certificate Awarded.

SYRACUSE UNIVERSITY
Transportation & Distribution Management Program
129 College Place
Syracuse, New York 13210
Dr. Theodore O. Wallin
Program Director
(315) 423-2961

Program Mode: I
Franklin Program Lecture Series
The aim of the Franklin Program Lecture Series is to bring to campus accomplished practitioners in the fields of transportation and physical distribution. Speakers representing various governmental agencies involved with transportation operations, policy, and regulation are also invited. The Franklin Program Lecture Series also provides a forum for academicians acclaimed within the realms of transportation and transportation-related research to publicly present their findings.

Given Four Times During the Academic Year—October, November, February, and, .

SYRACUSE UNIVERSITY
Transportation & Distribution Management Program
129 College Place
Syracuse, New York 13210
Dr. Theodore O. Wallin
Program Director
(315) 423-2961
Continued

Program: Mode: I

DNA Transportation Seminar

The DNA Transportation Seminar is designed to give university students, transportation educators, and industry personnel the opportunity to explore specific transportation management problems and trends in greater depth than they are able to do so in their respective fields. The emphasis of the two-day seminar includes identification and definition of transportation's current issues and problems, offering various approaches which might be used in coping with these trends.

Given As Required; Certificate Awarded.

SYRACUSE UNIVERSITY
Transportation & Distribution Management Program
129 College Place
Syracuse, New York 13210
Dr. Theodore O. Wallin
Program Director
(315) 423-2961

Program: Mode: I

The Harry E. Salzberg Memorial Lecture Program

The Harry E. Salzberg memorial lecture was established in 1949 under a grant made to Syracuse University by Mr. Murray M. Salzberg, class of 1937. The program is designed to award the Salzberg Medalion in recognition of the designee's outstanding achievements in the field of transportation management, and to promote the cause of transportation research and education by bringing to campus an outstanding lecture series.

Given Annually, April; No Certificate Awarded.

UNION COLLEGE
Civil & Mechanical Engineering
Schenectady, New York 12308
Professor Ram K. Mittal
Chairman, Transportation Engineering Program
(518) 370-6266

Program: Mode: I

Effects of Energy Constraints On Transportation Systems

This course is designed for engineers, scientists and researchers involved in the energy crisis. Outstanding experts in the transportation field will discuss the impact of the energy crunch on present and future transportation demand. Institute topics will cover: person and goods travel both present and future; effects of various federal, state and local regulations on fuel conservation plans; strategies for reduced travel; study of effect of city structure on travel requirements; study of innovative technological modes of transportation; impact on future energy requirements.

Given Annually, August (First Week); Certificate Awarded.

WEBB INSTITUTE OF NAVAL ARCHITECTURE
Crescent Beach Road
Glen Cove, New York 11542
Edward V. Lewis
Director of Research
(516) 671-2356

Program: Mode: W

Summer Seminars in Naval Architecture

Three-day program of lectures and workshop sessions presenting recent results of research applicable to ship design. Topics vary from year to year in areas of naval architecture, such as ship structural design, shipbuilding technology, ship behavior at sea. Conducted by Webb staff and guest lecturers.

Given Every 2 Years, June to August; No Certificate Awarded.

NORTH CAROLINA A&T STATE UNIVERSITY
Transportation Institute
Merrick Hall
Greensboro, North Carolina 27411
Professor Arthur Saltzman
Director
(919) 379-7745

Program: Mode: I

Transportation Workshop

This two-day workshop is part of the university's annual urban affairs conference. A variety of current transportation topics are explored with panels of experts in the field.

Given Annually, March; No Certificate Awarded.

NORTH CAROLINA A&T STATE UNIVERSITY
Transportation Institute
Merrick Hall
Greensboro, North Carolina 27411
37029052 Continued
Professor Arthur Saltzman
Director
(919) 379-7745
Program Mode: U
Transportation Seminar Series
Leaders in the urban transportation field present seminars to A&T students and others from outside the university. This UMTA-funded series covers both local and national problem areas.
Given Approximately Monthly, September Thru June; No Certificate Awarded.

37029191
DAVIDSON COUNTY COMMUNITY COLLEGE
Adult Education Division
P. O. Box 1287
Lexington, North Carolina 27292
L. H. Ballard
Associate Dean
(704) 249-8186
Program Mode: A
Aerospace Science Workshop
Workshop primarily designed for public school teacher certificate renewal. Any adult may audit the workshop.
Given Semi-Annually, March - September; No Certificate Awarded.

37029192
DAVIDSON COUNTY COMMUNITY COLLEGE
Transportation Management Department
P. O. Box 1287
Lexington, North Carolina 27292
Thomas R. Asbury
Transportation Instructor
(704) 249-8186
Program Mode: I
Transportation Management
This course is to train young men and women for business careers in the transportation industry.
Given Annually, Spring; No Certificate Awarded.

37029231
EAST CAROLINA UNIVERSITY
Aerospace Dept.
Box 2766
Greenville, North Carolina 27834
Ronald F. Henderson Ltg
Flight Instruction Program Manager
(919) 758-6598
Program Mode: A
USAF Flight Instruction Program
Basic flight instruction around school designed to screen pilot applicants for the Air Force. Approximately 30 hours academics.
Given Annually, April-Jun (Spring Qtr); No Certificate Awarded.
37029811  Continued

Professor Paul S Flynn
Coordinator of Aerospace Education
(704) 293-7341

Program  Mode: A
Aerospace Education

This course is intended for aerospace orientation for teachers of all levels and all subject areas.

Given Annually, July; No Certificate Awarded.

37029841

UNIVERSITY OF N. C. AT WILMINGTON
Earth Sciences
601 South College Road
Wilmington, North Carolina 28401

Department Chairman
(919) 791-4330 Ext. 337

Program  Mode: W
Stratigraphy and Sedimentation

Introduction to the principles of stratigraphy and the processes governing the erosion, transport and deposition of sediments.

Given Fall Semester; No Certificate Awarded.

37029842

UNIVERSITY OF N. C. AT WILMINGTON
Business & Economics
601 S. College Road
Wilmington, North Carolina 28401

Dr. Norman Kaylor
Chairman, Business & Economics Dept.
(919) 791-4330 Ext. 302

Program  Mode: I
Transportation

Introductory analysis of the five domestic modes of the transportation industry. The basic theoretical principles of transportation economics and carrier-shipper interactivity are evaluated together with the application of such principles to relevant market conditions. Also synthesized are the carriers', shippers', and labor's efforts to improve the industry's productivity.

Given Fall & Spring Semester; No Certificate Awarded.

37029843  Continued

Program  Mode: I
Transportation Management

Management principles and practices applied to the five modes of the transportation industry (domestic and international) as the major activity (cost component) of physical distribution. Case method of presentation is employed.

Given Fall & Spring Semester; No Certificate Awarded.

37048381

GUILFORD TECHNICAL INSTITUTE
Continuing Education - Occupational Extension
Jamestown, North Carolina 27282

Ben G. Gray
Associate Dean - Occupational Extension
(919) 275-9778 or 292-1101

Program  Mode: I
Traffic Management - Units I, II, III, IV

This program is an exercise-oriented program with typical problems relating to transportation of goods and materials. A tariff set is provided for problem solutions. Designed for both shippers and carriers, the student mix becomes an asset. All modes of freight movement are studied: rail, motor, air, water, and pipeline. Includes commodity classifications and geographical zones. Program taught one night/week - each unit 100 contact hours in length, four units needed for completion.

Given Annually, September Thru August - Evening Hours: No Certificate Awarded.

37048451

WILSON COUNTY TECHNICAL INSTITUTE
Vocational Department
902 Herring Avenue
Wilson, North Carolina 27893

B. L. Plauche'
Dean of Student Services
(919) 291-1195

Program  Mode: H
Automotive Mechanics

Training program for developing the basic knowledge and skills needed to inspect, diagnose, repair or adjust automotive vehicles. Manual skills are developed in practical shop work.

Given Annually, September; Certificate Awarded.
Seminars, Institutes and Workshops

37048452  Continued

Program  Mode: H
Diesel Mechanics
Basic diesel principles, 2-stroke and 4-stroke cycles, engine structure, relationship of parts, and thermodynamics of combustion are stressed. Additional courses include study of the component parts, fuels, and the assembly and disassembly of diesel engines.
Given Annually, September; Certificate Awarded.

37054631
TECHNICAL INSTITUTE OF ALAMANCE
411 Camp Road
Burlington, North Carolina 27215
Dr. Miles L. Echard
Dean of Instruction
(919) 227-7471
Program
Aerospace Education Workshop
Aerospace education workshop
Given Once Per Year, Spring; No Certificate Awarded.

37079861
HALIFAX COUNTY TECHNICAL INSTITUTE
Continuing Education
P. O. Drawer 809
Weldon, North Carolina 27890
William T. Stanley
Assistant Dean of Evening Programs
(919) 536-4152
Program
Aerospace Workshop
This course is intended for those adults interested in learning the basic concepts of aerospace education. A field trip to Cape Kennedy is generally planned at the conclusion of the classroom work.
Given Annually, March Thru May; No Certificate Awarded.

37079862
HALIFAX COUNTY TECHNICAL INSTITUTE
Continuing Education
P. O. Drawer 809
Weldon, North Carolina 27890
William T. Stanley
Assistant Dean of Evening Programs
(919) 536-4152
Program
Driver Education
This course is intended for adults who are interested in learning to drive an automobile.
Given Quarterly, September, December, March; No Certificate Awarded.

37079863
HALIFAX COUNTY TECHNICAL INSTITUTE
Continuing Education
P. O. Drawer 809
Weldon, North Carolina 27890
William T. Stanley
Assistant Dean of Evening Programs
(919) 536-4152
Program
Pilot Ground School
This course is intended for those adults who are interested in learning pilot training in aircraft, safety, radio, navigation, traffic control, weather, and the amended federal aviation exam.
Given Annually, September Thru November; No Certificate Awarded.

37085571
NASH TECHNICAL INSTITUTE
Department of Continuing Education
P. O. Box 2347
Rocky Mount, North Carolina 27801
Kennon E. Jackson
Director of Continuing Education
(919) 443-4011
Program
Aerospace Workshop - Aviators Basic Ground School
Aerospace - History of flight including rocketry field experience also included. Basic ground school - preparation for the FAA licensing examination for private pilots.
Given Aerospace - Annually; Ground School; spring, Fall.

37086131
ROANOKE-CHOWAN TECHNICAL INSTITUTE
Continuing Education Department
Route 2, Box 46a
Ahoskie, North Carolina 27910
Julian Freeman
Director, Continuing Education
(919) 332-4168
Program
Driver Education
The classroom work for driver education is offered each quarter during the school year if the demand is sufficient. This consists of 30 hours of class work with emphasis on the law and on instruction on testing.
Given Annually, Each Quarter Or On Demand; Certificate Awarded.

37086132
ROANOKE-CHOWAN TECHNICAL INSTITUTE
Continuing Education Department
Route 2, Box 46a
Ahoskie, North Carolina 27910
37086132  Continued
Julian Freeman
Director, Continuing Education
(919) 332-4168
Program
Pilot’s Ground Course
This is a 55-hour ground school course for beginning pilots or those interested in flying. It includes such things as principles of flight, meteorology, federal aviation regulations, and navigation.
Given Annually, March - May; Certificate Awarded.

37096461
PIEDMONT TECHNICAL INSTITUTE
Adult Continuing Education
P. O. Box 1197
Roxboro, North Carolina 27573
Dr. Neil McLeod
Dean of Adult Continuing Education
(919) 599-1181 Ext. 01
Program
Traffic Management Principles and Practices
The course is designed to assist both industry and carrier transportation people to better understand their roles in buying and selling transportation services. It will also assist those seeking advancement in transportation and those who desire a better understanding of the traffic function within their organizations.
Given Annually, January Thru March; Certificate Awarded.

37990081
JOHNSTON TECHNICAL INSTITUTE
Vocational Department
Highway 301 South, P. O. Box 29
Smithfield, North Carolina 27577
William W. Franklin
Dean of Vocational Programs
(919) 963-2143
Program
N. C. Truck Driving School
During the course of instruction students are given classroom instruction and practical experience behind the wheel of a diesel tractor trailer unit on nearby streets and highways. Parking and other driving skills are taught on the school’s driver training field. Approximately 70 percent of the student’s time is spent driving and 30 percent of the time is spent in classroom instruction. The instruction is carried out on a five-day-per-week basis.
Given Every Six Weeks, January - December; Certificate Awarded.

38029891  Continued
Dale Zieman
Aerospace Education Director
(701) 227-2115
Program
Aerospace Education Workshop
The workshop is a non-technical approach to aviation and aerospace activities including light plane flight and field trips to aerospace centers. Activities are provided particularly for practical use by teachers and four hours of graduate credit in education is available. The workshop is completed in less than two weeks.
Given Annual, June; Certificate Awarded.

38029961
NORTH DAKOTA STATE SCHOOL OF SCIENCE
Continuing Education Division
Wahpeton, North Dakota 58075
Mr. Orlin Bakken
Director, Continuing Education
(701) 671-3802
Program
National Environmental Contractors Assn. Short Course
Three to four day workshop sponsored by Nat’l Environmental Contractor’s Assn. for estimating and designing systems for air conditioning buildings.
Given as needed upon request.

38029962
NORTH DAKOTA STATE SCHOOL OF SCIENCE
Office of Registrar
Dakota Avenue
Wahpeton, North Dakota 58075
Evening School Director
Registrar
(701) 671-3802
Program
Procedures in Locating Property Corners
This course is intended for surveyors and engineers interested in the problems of locating property corners in preliminary highway surveys.
Given Biannually, January; No Certificate Awarded.

38030051
UNIVERSITY OF NORTH DAKOTA
Aviation Department, College of Business and Public Administration
Grand Forks, North Dakota 58201
Professor John D. Odegard
Department Chairman
(701) 777-2791
Program
Epoch Airman
Epoch airman program - private pilot course (summers only) C.F.I. Workshop - FAA certificate re-validation (one week).
Given As Noted, Annually; Certificate Awarded.
Seminars, Institutes and Workshops

38092651  
**NORTH DAKOTA STATE UNIVERSITY**  
Upper Great Plains Transportation Institute  
Fargo, North Dakota 58102  
Robert J. Tosterud  
Director  
(701) 237-7767  
Program Mode:  
Grain Transportation Forum  
Recent innovations in the handling and transportation of grain.  
Given Every Two Years, Spring; No Certificate Awarded.

39030181  
**BOWLING GREEN UNIVERSITY**  
Bowling Green, Ohio 43403  
Mr. Robert W. Innis  
Workshop Director  
(419) 372-2531  
Program Mode:  
Aerospace Education Workshop  
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.  
Given Annually, July; Certificate Awarded.

39030451  
**FINDLAY COLLEGE**  
Sociology Department  
1000 North Main St  
Findlay, Ohio 45840  
Dr. David Allen  
Assistant Prof. Sociology  
(419) 422-8313 Ext 208  
Program Mode:  
Urban Sociology  
Sociological study of the emergence and development of urban centers and suburbs. Emphasis placed on the social problems of the inner city: social stratification and social mobility; poverty, overcrowding, and slums; transportation and congestion; and air pollution. Analysis of alternative solutions to these problems: planning, urban renewal, and housing development.  
Given Annually.

39030511  
**KENT STATE UNIVERSITY**  
Aerospace Technology Division  
Kent, Ohio 44242  
Continued  
Eugene G. Ripple  
Course Director  
(216) 672-2640  
Program Mode:  
Flight Instructor's Refresher Course  
A three-day refresher and revalidation course for FAA-certified flight instructors. Course provides coverage of instruction fundamentals, flight maneuvers, instruments and performance, and is taught by staff from the FAA Academy at Oklahoma City, Oklahoma.  
Given Annually, August; Certificate Awarded.

39030512  
**KENT STATE UNIVERSITY**  
Aerospace Technology Division  
Kent, Ohio 44242  
Dr. Peder A. Otterson  
Coordinator  
(216) 672-7911  
Program Mode:  
Teachers' Aerospace Workshop  
A two-week workshop for teachers in primary and secondary education. It is conducted at the NASA Lewis Research Center, Cleveland, Ohio, and includes degree-credit instruction in the principles of rocketry and propulsion flight and space. Associated activities include field trips, model construction, and flight experience.  
Given Annually, June; No Certificate Awarded.

39031001  
**OHIO UNIVERSITY**  
Athens, Ohio 45701  
Mr. Francis Fuller  
Chairman, Aviation Department  
(614) 698-7971  
Program Mode:  
Aviation/Aerospace Education Workshop  
A concentrated 4-week workshop for secondary teachers designed to provide in-depth preparation to teach aviation/aerospace education at the junior and senior high school level.  
Given Annually, June-July; Certificate Awarded.

39031331  
**URBANA COLLEGE**  
Physical Education Department  
College Community Center  
Urbana, Ohio 43078  
Dr. Joe R. Horn  
Athletic Director  
(513) 652-1301 (Ext. 316)
39031331 Continued

Program Mode: H
Driver's Training Certification
A three-class sequence emphasizing (1) driver and traffic safety education, (2) organization and administration of driver and traffic safety education, and (3) psychological factors in driving.
Given Twice Annually, Summer Quarter (June-August); No Certificate Awarded.

39040531

CUYAHOGA COMMUNITY COLLEGE - WESTERN CAMPUS
Business Administration & Technologies
7300 York Road
Parma, Ohio 44130
Dr. Frank E. Liguori
Dean
(216) 845-4000 - 227
Program Mode: I
Transportation
The transportation program is to train students for transportation in general on the mid-management level.
Given 1 - 2 Times A Year.

3906830

THE OHIO STATE UNIVERSITY
Department of Civil Engineering
2070 Neil Avenue
Columbus, Ohio 43210
Zoltan A. Nemeth
Associate Professor, Civil Engineering
(614) 422-4061
Program Mode: H
Special Concretes: High Strength, Lightweight, and Shrinkage Compensated.
A two day conference for engineers and technicians involved problems. Deal with the principles of current practice in nondestructive manufacture, and inspection of welded products. Specialized data and interpreting results. Special problems inherent to highway, pipeline, urban transit, and other transportation. Inspection and maintenance of transportation facilities are included.
Given Annually, March - April; No Certificate Awarded.

3906831

THE OHIO STATE UNIVERSITY
Department of Aviation
3160 Case Road, Box 3022
Columbus, Ohio 43210
Courtney Chapman
Associate Professor
(614) 422-1116

3906831 Continued

Program Mode: A
Flight Training Clinic
To serve the non-university community with aviation education. Primarily oriented towards pilot certification and recurrency training. Ways to deal with special problems of industry, airports, highways, and urban areas.
Given As Arranged; Certificate Awarded.

3906832

THE OHIO STATE UNIVERSITY
Department of Civil Engineering
2070 Neil Avenue
Columbus, Ohio 43210
Professor Eldridge A. Whitehurst
Director
(614) 422-2871
Program Mode: H
Annual Highway Conference
A three day conference conducted yearly by the Department of Civil Engineering and the Ohio Department of Highways for approximately six hundred engineers, highway managers, contractors and suppliers. Discussion of current interest concerning design, maintenance, construction, financing, and utilization of highway facilities are included.
Given Yearly, Early April; No Certificate Awarded.

3906833

THE OHIO STATE UNIVERSITY
Department of Civil Engineering
2070 Neil Avenue
Columbus, Ohio 43210
Mr. Ronald W. Ruedele
Administrative Assistant to the Department Chairman
(614) 422-2772
Program Mode: H
Construction Supervision
A four day course conducted in cooperation with the Ohio Contractors Association for the benefit of engineers who are serving as supervisors of highway construction.
Given Yearly, March; Certificate Awarded.
Program Mode: H
Construction Operations: Analysis and Improvement
A three day conference conducted in cooperation with the Ohio Contractors Association primarily for the managers and owners of construction firms.
Given Yearly, End of March; Certificate Awarded.

THE OHIO STATE UNIVERSITY
Department of Civil Engineering
2070 Neil Avenue
Columbus, Ohio 43210
Kamran Majidzadeh
Professor of Civil Engineering
(614) 422-6688
Program
Pavement Repair: Flexible and Rigid
A four day conference conducted in cooperation with the Ohio Contractors Association for engineers in contracting firms and in municipal state and federal highway departments who are concerned with highway maintenance.
Given February; Certificate Awarded.

THE OHIO STATE UNIVERSITY
Department of Civil Engineering
2070 Neil Avenue
Columbus, Ohio 43210
Charles A. Moore
Associate Professor, Civil Engineering
(614) 422-2807
Program
Earthwork Repair
A four day short course conducted in cooperation with the Ohio Contractors Association for the benefit of engineers and foremen who are involved with the design, construction, and maintenance of earthwork structures.
Given Yearly, February; Certificate Awarded.

THE OHIO STATE UNIVERSITY
Department of Civil Engineering
2070 Neil Avenue
Columbus, Ohio 43210
Zoltan A. Nemeth
Associate Professor, Civil Engineering
(614) 422-4061
Program
Public Transportation: Urban Mass Transit
A one day forum.
Given Yearly, May; No Certificate Awarded.

THE OHIO STATE UNIVERSITY
Department of Civil Engineering
2070 Neil Avenue
Columbus, Ohio 43210
Zoltan A. Nemeth
Associate Professor, Civil Engineering
(614) 422-4061
Program
Traffic Engineering Techniques for Safety Improvements
A two day conference to review the most recent techniques for improving highway safety through improved design of highways, including lighting, traffic signals, signs, and equipment.
Given Yearly, April; Certificate Awarded.

THE OHIO STATE UNIVERSITY
Department of Civil Engineering
2070 Neil Avenue
Columbus, Ohio 43210
Alfred G. Bishara
Associate Professor, Civil Engineering
(614) 422-2197
Program
Structural Steel Design Seminar
A two day seminar dealing with the most recent practices in analysis and design of techniques.
Given Yearly, April; Certificate Awarded.

MIAMI UNIVERSITY
Industrial Education
High Street
Oxford, Ohio 45056
Dr. Charles Bunten
Department Chairman
(513) 529-5525
Program
Aerospace Education Workshop
Projection and control, presented by men who have earned a reputation in the various specialized space fields.
Given Annually, June-July; Certificate Awarded.

WRIGHT STATE UNIVERSITY
College of Education
Dayton, Ohio 45431
Roger G. Iddings
Dean
(513) 426-6650, Ext. 247
Program
Driver Education
This program consists of three courses designed to prepare teachers to teach driver education in the
public schools. The three courses are driver and traffic safety education: curriculum and materials, organization of driver & traffic safety education programs, and human factors in driver & traffic education.

Given Yearly, Spring and Summer; No Certificate Awarded.

40031521
CENTRAL STATE UNIVERSITY
Edmond, Oklahoma 73034
Dr. Carl Downing
Workshop Director
(405) 341-2980

Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.

Given Annually, June; Certificate Awarded.

40031701
OKLAHOMA STATE UNIVERSITY
Southwest Center for Safety
Stillwater, Oklahoma 74074
Milton D. Rhoads
Director
(405) 372-6211 Ext. 593

Program Mode: H
Alcohol and Drug Education
This seminar is conducted during the entire fall semester and again during the first four weeks of summer school. It is designed for anyone interested in learning more about alcohol, drugs and the attendant problems of abuse. Traffic safety educators and specialists comprise the majority of attendees.

Given Summer and Fall Semesters, June and October; No Certificate Awarded.

40031702
OKLAHOMA STATE UNIVERSITY
Southwest Center for Safety
Stillwater, Oklahoma 74074
Milton D. Rhoads
Director
(405) 372-6211 Ext. 593

Program Mode: H
Teaching the Handicapped to Drive
This one week workshop is designed for traffic safety educators interested in developing knowledge and skills necessary to teach physically and/or mentally handicapped persons to drive. In-car driving experiences with special hand controls are provided as well as an opportunity to give lessons to handicapped drivers.

Given Annually, July; No Certificate Awarded.

40031703
OKLAHOMA STATE UNIVERSITY
Southwest Center for Safety
Stillwater, Oklahoma 74074
Milton D. Rhoads
Director
(405) 372-6211 Ext. 593

Program Mode: H
Motorcycle Safety Education
This one week workshop is designed for traffic educators interested in organizing and conducting motorcycle safety education programs. Actual street and trail cycle riding is included.

Given Annually, July; No Certificate Awarded.

40031704
OKLAHOMA STATE UNIVERSITY
Southwest Center for Safety
Stillwater, Oklahoma 74074
Milton D. Rhoads
Director
(405) 372-6211 Ext. 593

Program Mode: H
Traffic Engineering Seminar
This seminar is designed for graduate traffic engineering majors and graduate traffic safety education majors. The seminar emphasizes identification and solution of local highway problems. The broad functions of traffic engineering in the national highway transportation system are also discussed.

Given Summer, June-July; No Certificate Awarded.

40031791
SOUTHEASTERN OKLAHOMA STATE UNIV.
Aviation Department
Durant, Oklahoma 74701
(405) 924-0121, Ext. 427

Program Mode: A
Aviation Safety Seminar
This seminar consists of briefings from safety experts from the aviation industry and from the Federal Aviation Administration. Professional films from the FAA and aviation industry are used.

Given Fall Semester; No Certificate Awarded.
41031961
LANE COMMUNITY COLLEGE  
Eugene, Oregon 97405  
Mr. Walter Shold  
Workshop Director  
(503) 747-4501  
Program Mode: A  
Aerospace Education Workshop  
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs. 
Given Annually, August; Certificate Awarded.

41032041
MT HOOD COMMUNITY COLLEGE  
Portland, Oregon 97207  
Mr. Walter Shold  
Workshop Director  
(503) 666-1561  
Program Mode: A  
Aerospace Education Workshop  
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs. 
Given Annually, August; Certificate Awarded.

41032091
OREGON COLLEGE OF EDUCATION  
Monmouth, Oregon 97361  
Dr. Ernie Cummins  
Workshop Director  
(503) 838-1220  
Program Mode: A  
Aerospace Education Workshop  
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs. 
Given Annually, July; Certificate Awarded.

41032111
OREGON INST OF TECH.  
Klamath Falls, Oregon 97601  
Dr. Donald Theriault  
Workshop Director  
(503) 882-6321  
Program Mode: A  
Aerospace Education Workshop  
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs. 
Given Annually, August; Certificate Awarded.

41032161
PORTLAND STATE UNIVERSITY  
Office of Graduate Studies & Research  
P. O. Box 751  
Portland, Oregon 97207  
David T. Clark, Ph.D.  
Dean  
(503) 229-3423  
Program Mode: U  
Urban Studies Center  
The urban studies center is active in two areas: urban studies research and fulfillment of service & clearinghouse needs for the community. 
Given As Required; No Certificate Awarded.

41032181
CHEMEEKTA COMMUNITY COLLEGE  
Community Services  
4000 Lancaster Drive N. E.  
Salem, Oregon 97308  
Al Leach  
Director, Community Services  
(503) 585-7900, Ext. 340  
Program Mode: I  
These courses are intended for those persons who will take the state examinations in early summer for surveying and civil engineering. 
Given Annually, Winter & Fall; No Certificate Awarded.

41032191
SOUTHERN OREGON COLLEGE  
Office of College Services  
1250 Siskiyou Blvd.  
Ashland, Oregon 95270
Continued

42032771  Continued
Implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs. Given Annually, June; Certificate Awarded.

42033231
LOCK HAVEN STATE COLLEGE
Lock Haven, Pennsylvania 17745
Dr. Marcus Konick
Workshop Director
(717) 748-5351
Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs. Given Annually, July-August; Certificate Awarded.

42033251
MILLERSVILLE STATE COLLEGE
Industrial Arts Education
Millersville, Pennsylvania 17551
Dr. Richard F. Dottr
Professor of Industrial Arts Education
(717) 872-5411 Ext. 232
Program Mode: A
Aviation Aerospace Education Workshop
This workshop is intended to provide teachers with sufficient understanding of the basic concepts of aviation so they will have confidence in introducing aviation/aerospace education into their classrooms. Given Annually, Summer Session; No Certificate Awarded.

42033461
THE PENNSYLVANIA STATE UNIVERSITY
Wilkes-Barre Campus
P. O. Box 1830
Wilkes-Barre, Pennsylvania 18708
Robert E. Hare
Assistant Director for Continuing Education
(717) 675-2171
Program Mode: E
Industrial Noise Engineering Control Seminar
The purpose of the seminar is to review with representatives from business and industry the many aspects of noise and its impact and effects on personnel and production. Given Annually, Spring; Certificate Awarded.
Seminars, Institutes and Workshops

42033471
THE PENNSYLVANIA STATE UNIVERSITY - YORK CAMPUS
Continuing Education
1031 Edgecomb Avenue
York, Pennsylvania 17403
John C. Marshall
Assistant Director, Continuing Education
(717) 843-8964
Program Mode: H
Transportation and Traffic
This course is designed to emphasize practical aspects of traffic management topics include: traffic management, business logistics, shipping documents, rates, foreign trade, transport regulation, etc.
Given Annually, September; Certificate Awarded.

42033472
THE PENNSYLVANIA STATE UNIVERSITY - YORK CAMPUS
Continuing Education
1031 Edgecomb Avenue
York, Pennsylvania 17403
John C. Marshall
Assistant Director, Continuing Education
(717) 843-8964
Program Mode: H
Transport Regulation
Examines scope of governmental regulation of transport companies, facilities and services in the U.S.A.
Given Annually, February; Certificate Awarded.

42033591
ROBERT MORRIS COLLEGE
Department of Economics and Transportation
610 Fifth Avenue
Pittsburgh, Pennsylvania 15219
B. G. Dudley
Assistant Professor, Transportation
(412) 264-9300
Program Mode: I
Physical Distribution Management
A six-week's course for the principles and problems of physical distribution management.
Given Semi-Annually, January and July; Certificate Awarded.

42033592
ROBERT MORRIS COLLEGE
Department of Economics and Transportation
610 Fifth Avenue
Pittsburgh, Pennsylvania 15219
B. G. Dudley
Assistant Professor, Transportation
(412) 264-9300
Program Mode: A
Helicopter Dynamics and Aerodynamics Seminar
One-week seminar intended for graduate engineers employed at government laboratories, industry and universities. Topics include review of aerodynamics, vortex systems and their behavior; review of
fundamental dynamics; finite-element-forced response and the model approach to rotor dynamics; rotor instability; simulation programs; helicopter stability and control; generation of aerodynamic noise; and wind tunnel testing.

Given Annually, July or August; Certificate Awarded.

42101761
WESTMORELAND COUNTY COMMUNITY COLLEGE
Office of Community Services
College Station-Armbrust Road
Youngwood, Pennsylvania 15697
Mr. Paul J. Lonigro
Dean
(412) 836-1600
Program
National Transportation Seminar
A distinguished program for executives and personnel involved in physical distribution, transportation, inventory policy, purchasing, plant location, warehousing, rates and tariffs and carrier sales. The subjects will be of interest to accountants, marketing analysts, production personnel, materials handling personnel, engineers and transportation executives.

Given Annually, October; No Certificate Awarded.

42103041
TEMPLE UNIVERSITY
Philadelphia, Pennsylvania 19122
Dr. Joseph Schmuckler
Workshop Director
(215) 787-7000
Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community’s school curriculum and youth-oriented programs.

Given Annually, August; Certificate Awarded.

43039401
HUMACAO REGIONAL COLLEGE
Office of Community Affairs
Bo. Tejas
Humacao, Puerto Rico 00661
Prof. Jose C. Pomales
Assistant Director
(809) 852-2525 Ext. 252
Program
National Transportation Seminar
A distinguished program for executives and personnel involved in physical distribution, transportation, inventory policy, purchasing, plant location, warehousing, rates and tariffs and carrier sales. The subjects will be of interest to accountants, marketing analysts, production personnel, materials handling personnel, engineers and transportation executives.

Given Annually, October; No Certificate Awarded.

44990131
HUMACAO REGIONAL COLLEGE
Office of Community Affairs
Bo. Tejas
Humacao, Puerto Rico 00661
Prof. Jose C. Pomales
Assistant Director
(809) 852-2525 Ext. 252
Program
National Transportation Seminar
A distinguished program for executives and personnel involved in physical distribution, transportation, inventory policy, purchasing, plant location, warehousing, rates and tariffs and carrier sales. The subjects will be of interest to accountants, marketing analysts, production personnel, materials handling personnel, engineers and transportation executives.

Given Annually, October; No Certificate Awarded.

45034251
Clemson, South Carolina 29631
H. W. Busching
Head of Department
(803) 656-3002
Program
Annual South Carolina State Highway Conference
This three-day conference is designed primarily for highway engineers with responsibilities for the planning, design, construction, and maintenance of highways. The program provides for the interchange of ideas and dissemination of information concerning urban and rural highway problems.

Given Annually, February; Certificate Awarded.

45034321
ERSKINE COLLEGE
Due West, South Carolina 29639
Dr. R. K. Ackerman
Vice President for Academic Affairs
(803) 379-8872
Program
Drivers’ Education & Safety
To certify teachers in drivers education.

Given Summer Sessions-Two Week Workshops.
Seminars, Institutes and Workshops

45034481
UNIVERSITY OF SOUTH CAROLINA
Traffic & Transportation Center
Columbia, South Carolina 29208
R. R. Roberts
Director
(803) 777-3855
Program Mode: H
Seminar for Traffic Engineering Technicians
To assist practicing traffic engineering technicians in improving job performance and capability through a broader understanding of traffic engineering functions.
Given Annually, January; Certificate Awarded.

165

45034482
UNIVERSITY OF SOUTH CAROLINA
Aerospace Studies
Pendleton St.
Columbia, South Carolina 29208
Capt. Michael Carney
Assistant Professor
(803) 777-4134/5
Program Mode: A
Principles of Flight
This course provides a student the opportunity to academically prepare for the Federal Aviation Administration's private pilot written examination. This course is for all university students and will earn each participant 3 credits.
Given Once/Wk Semi-Annually, Jan and Sept; Certificate Awarded.

45039921
PIEDMONT TECHNICAL COLLEGE
Continuing Education Division
P. O. Drawer 1208
Greenwood, South Carolina 29646
Roger T. Titus
Dean, Continuing Education
(803) 223-8357
Program Mode: A
Aviation Ground School
This course is designed to study the structure of an aircraft, radio and communications, principles of flight instruments and the theory of operation, navigation, and meteorology.
Given Quarterly, Fall, Winter, Spring & Summer Quart; No Certificate Awarded.

45049261
TRI-COUNTY COLLEGE
Extension Division
P.O. Box 87
Pendleton, South Carolina 29670

45049261 Continued
C. R. Gibson
Dean
(803) 646-3227
Program Mode: A
Aviation Ground School
50 Hours of instruction is designed primarily to assist the student in FAA test.
Given Quarterly.

46034631
DAKOTA STATE COLLEGE
Madison, South Dakota 57042
Dr. Zeno Van Erndewyk
Workshop Director
(605) 256-3551
Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, June; Certificate Awarded.

46034661
NORTHERN STATE COLLEGE
Industrial Safety Education
South Jay St.
Aberdeen, South Dakota 57401
Dr. Marvin Burroughs
Chairman, Industrial & Safety Education
(605) 622-2571
Program Mode: H
Driver & Safety Education for Teachers
Updating and certifying driver and safety education teachers, courses offered during the period are: driver methods of teaching, gen. safety, driver simulation, drugs and alcohol as t key effect driver and safety education.
Given Annually, June-July; Certificate Awarded.

46034701
SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY
Extension Division
Rapid City, South Dakota 57701
Prof. L. W. Snyder
Assoc. Professor and Workshop Director
(605) 394-2448
46034701  Continued

Program  Mode: A
Aerospace Education Workshop
For elementary and secondary teachers. Provides current and basic information and experiences concerned with air and space travel. Classwork is enriched with several field trips and numerous handouts.
Given Annually (During Summer), Mid-Summer; No Certificate Awarded.

46034741

THE UNIVERSITY OF SOUTH DAKOTA
State-Wide Educational Services
Vermillion, South Dakota 57069
Loren M. Carlson
Dean
(605) 677-5281
Program  Mode: A
Aerospace Education Workshop
Primarily for elementary/secondary school teachers. Cover history of aviation, principles of flying, weather, avionics, aerospace medicine, and exobiology. Classroom use.
Given Annually, June; Certificate Awarded.

46034742

UNIVERSITY OF SOUTH DAKOTA
School of Education
Vermillion, South Dakota 57069
Dr. Raymond D. Dillon
Professor of Biology
(605) 677-5213
Program  Mode: A
Aerospace Workshop
Using staff, CAP and Air Force Reserve members the resources are used to stimulate and motivate the students to use up-to-date science information to the application in science education and classroom use.
Given Annually, June; Certificate Awarded.

47035091

MEMPHIS STATE UNIVERSITY
Department of Elementary Education
Memphis, Tennessee 38152
Minnie Mcrae Cutliff
Assistant Professor of Education
(901) 321-1372
Program  Mode: I
Aerospace Education Workshop for Teachers
This course is intended for Tennessee teachers interested in informing their students of the relationships between aerospace and language arts, mathematics, science and social studies. Multimodal transportation subjects are handled in the broadest terms and the most simple concepts, yet in other aspects it is specific.
Given Every Summer, June and July; Certificate Awarded.

47035092

MEMPHIS STATE UNIVERSITY
Continuing Education
P. O. Box 81360
Memphis, Tennessee 38152
Harold Robbins
Director
(901) 321-1021
Program  Mode: A
Flight Instructor Refresher Seminar
To review and update FAR's and training techniques for flight instructors.
Given Annually, August; Certificate Awarded.

47035101

MIDDLE TENNESSEE STATE UNIVERSITY
Department of Aerospace
Box 67
Murfreesboro, Tennessee 37130
Randall C. Wood
Chairman
(615) 898-2788
Program  Mode: A
Aviation Education Workshop
This course is intended to acquaint teachers with the latest developments in air transportation, navigation, meteorology, and aerospace propulsion and operations systems.
Given Annually, Summer; Certificate Awarded.

47035102

MIDDLE TENNESSEE STATE UNIVERSITY
Department of Aerospace
Box 67
Murfreesboro, Tennessee 37130
Randall C. Wood
Chairman
(615) 898-2788
Program  Mode: H
Private Truck Operation: Profitability Opportunities
Recent developments in the field of private truck operation as it relates primarily to road haul service. Review the present situation, explore recent trends, and possible future developments.
47035102  Continued  
Program  
Advanced Aerospace Workshop  
The course is designed to help prepare teachers in the field of aerospace and includes 7 hours of flight instruction.  
Given Annually, Summer; Certificate Awarded.

MIDDLE TENNESSEE STATE UNIVERSITY  
Department of Aerospace  
Box 67  
Murfreesboro, Tennessee 37130  
Randall C. Wood  
Chairman  
(615) 898-2788  
Program  
International Aerospace Workshop  
It is designed to acquaint teachers with aerospace implications on an international scale. Six or more countries of interest are visited.  
Given Annually, Summer; Certificate Awarded.

UNIVERSITY OF TENNESSEE, KNOXVILLE  
Dept. of Marketing & Transportation  
College of Business Administration  
Knoxville, Tennessee 37916  
Dr. Gary N. Dicer  
Head, Dept. of Marketing & Transportation  
615/974-5311  
Program  
James W. Bennett, Jr. Memorial Seminar  
Two-day seminar by invited authorities and practitioners from business, government and academia on transportation issues. Open to the public.  
Given Annually, Fall; No Certificate Awarded.

UNIVERSITY OF TENNESSEE KNOXVILLE  
Conference & Institutes  
432 Communications & Extension Bldg.  
Knoxville, Tennessee 37916  
Allen Thurmond  
Director  
(615) 974-5261  
Program  
Flight Instructor Refresher Seminar  
To review and update FAR's and training techniques for flight instructors  
Given Annually, January; Certificate Awarded.

THE UNIVERSITY OF TENNESSEE AT NASHVILLE  
Division of Engineering  
10th & Charlotte  
Nashville, Tennessee 37203  
Richard E. Wiesehuegel  
Coordinator of Public Service and Research  
(615) 254-5681 Ext 234  
Program  
Traffic Engineering Seminar  
A twelve-day seminar providing comprehensive coverage of traffic engineering with emphasis on research and analysis methods, regulation and operation, planning and design.  
Given As Required; No Certificate Awarded.

MOTLOW STATE COMMUNITY COLLEGE  
Career Education  
Tallahoma, Tennessee 37388  
Ben W. Carr, Jr  
Director of Aerospace  
(615) 455-8511- Ext 238  
Program  
Pilot Refresher Course  
This course is intended for pilots and flight instructors interested in updating and furthering their knowledge of aviation. At the completion of the course a flight review will be conducted.  
Given Annually, October; No Certificate Awarded.

SOUTHWEST TEXAS STATE UNIVERSITY  
Industrial Arts Department  
San Marcos, Texas 78666  
Mr. Selden G. Becker  
Instructor of Driver Education  
(512) 245-2327  
Program  
Administration and Supervision of Driver Education  
This program is intended for certified driver education teachers interested in obtaining a supervising teacher's certificate.  
Given Annually, June/July; Certificate Awarded.

TEXARKANA COMMUNITY COLLEGE  
Continuing Education  
2500 North Robinson Road  
Texarkana, Texas 75501  
Dale Works  
Evening Director  
(214) 836-4541  
Program  
Transportation Rates  
To understand how to route and charge freight rates, transportation, and traffic practices.  
Given Semi-Annually, Fall Semester; Certificate Awarded.
TEXAS STATE TECHNICAL INSTITUTE
James Connally Campus.
Waco, Texas 76705
Dr. Durward L. Anderson
Administrative Asst. for Data Control
(817) 799-3611, Ext. 321

Program Mode: H
Supportive Services (Federal Highway Administration Order 07-2-3)

Designed to train entry level employees for highway construction jobs and to upgrade employees of highway contractors in Texas. Goal is to place trainees in approved on-the-job training programs with highway contractors. Both programs are designed to place employees in new job classifications in highway construction.

Given Entry Level-Annually/Upgrade Level Intermittently.

TEXAS A&I UNIVERSITY
Kingsville, Texas 78363
Dr. Lewis R. Fisher
Workshop Director
(512) 595-2111

Program Mode: A
Aerospace Education Workshop

A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community’s school curriculum and youth-oriented programs.

Given Annually, June; Certificate Awarded.

TEXAS TECH UNIVERSITY
Dept. of Park Admin., Landscape Architecture, and Horticulture
Texas Tech University P.O.Box 4169
Lubbock, Texas 79409
Dr. James W. Kitchen
Professor, Program Director
(806) 742-4202

Program Mode: E
Southwest Park and Recreation Training Institute

The institute is intended to provide an opportunity for those people interested in parks and recreation to participate and discuss mutual problems in their respective fields.

Given Annually, February; No Certificate Awarded.

UNIVERSITY OF HOUSTON
3801 Cullen Blvd.
Houston, Texas 77004
Dr. Robert M. Jones
Workshop Director
(713) 749-1011

Program Mode: A
Aerospace Education Workshop

A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community’s school curriculum and youth-oriented programs.

Given Annually, June; Certificate Awarded.

CENTRAL TEXAS COLLEGE
Office of Occupational Education
Highway 190 West
Killeen, Texas 76541
Billy B. Rankin
Dean of Occupational Education
(817) 526-1229

Program Mode: H
Emergency Medical Technician Training
Seminar type program to train individuals as emergency medical technicians.

Given Once Every Quarter; Certificate Awarded.

BRAZOSPORT COLLEGE
Oceanic and Marine Technology Department
500 College Drive
Lake Jackson, Texas 77566
E. D. Middleton, Jr.
Program Director
(713) 265-6131, Ext. 71

Program Mode: W
Oceanic and Marine Tech III
Six week commercial-industrial practicum.

Given Annually, June-July; No Certificate Awarded.

TEXAS STATE TECHNICAL INSTITUTE
Rio Grande Campus
P.O. Box 2628
Harlingen, Texas 78550
Oscar Hinojosa
Manager Instructional Services
(512) 425-4922-Ext. 47
Sugar Harvesters-Tractor Operators & Truck Drivers
This course is intended to teach the operators of harvesting equipment and truck drivers routine maintenance and safety practices.
Given As Required; No Certificate Awarded.

TEXAS A&M UNIVERSITY
Program Mode: H
Traffic Technician School
Five-day short school designed for highway department employees to provide them with a working knowledge of traffic signal repair and maintenance.
Given As Required; Certificate Awarded.

TEXAS A&M UNIVERSITY
Program Mode: H
Texas Public Works Short School
Three-day short school for members and non-members of Texas Public Works Association concerning following topics: street maintenance and construction, solid waste, equipment maintenance and operation, municipal engineering, and management.
Given Annual, February; No Certificate Awarded.

TEXAS A&M UNIVERSITY
Program Mode: H
Traffic Engineering School
These three-day schools are designed as training programs in the field of traffic engineering for communities in Texas with less than 50,000 population that do not employ a full-time traffic engineer. The schools are held on a regional basis throughout Texas.
Given Once Per Month for Seven Months, September Thru April; Certificate Awarded.
Energy and the Municipality

Six two-day workshops held on regional basis throughout Texas in October, November, and December, 1974 in an effort to assist municipalities with the integration of energy effectiveness and cost effectiveness into a management system to optimize use of available fuel in their daily operations.

Given As Needed. No Certificate Awarded.

Texas Transportation Institute
College Station, Texas 77843
(713) 845-1711

Program Mode: H
Texas Highway Short Course
Four-day short school designed for Texas Highway Department employees to cover all phases of highway construction, maintenance, and management.

Given Annually, December; No Certificate Awarded.

BRIGHAM YOUNG UNIVERSITY
Department of Civil Engineering Science
Provo, Utah 84602
James R. Barton
Department Chairman
(801) 374-1211 Ext. 2811

Program Mode: H
Highway Engineering Technology
This course is for highway department employees only and is intended to expand their knowledge in the fields of materials, mathematics, English, and surveying.

Given Annually, March; Certificate Awarded.

LATTER-DAY SAINTS BUSINESS COLLEGE
Special Courses and Conferences
411 E. So. Temple
Salt Lake City, Utah 84111
Mr. Ross Derbidge
Director of Special Courses
(801) 363-2765

Program Mode: I
Transportation Rate Analyst
A two quarter course training clerical personnel how to work with tariffs and ICC regs.

Given Annually, Fall; Certificate Awarded.

SOUTHERN UTAH STATE COLLEGE
School of Education
Cedar City, Utah 84720
Dr. Robert H. Moss, Workshop Director
Aerospace Education Workshop
(801) 586-4411, Ext 216

Program Mode: A
An aerospace education workshop designed to acquaint practicing and pre-service teachers with concepts of aerospace -- and how they can be used in the classroom to enhance all areas of the curriculum; secondly, to acquaint teachers with the wealth of free and inexpensive materials which can be found through aerospace industries and functions; thirdly, to help boys scouts to earn merit badges and skill awards in aerospace related activities; fourthly, to use a process and problem-solving approach to the education of teachers.

Given Annually Or Semi-Annually, Summer School; Certificate Awarded.

WEBER STATE COLLEGE
Ogden, Utah 84403
Dr. Evan Memmott
Workshop Director
(801) 399-5841
171

49036801  Continued
Program
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually, June; Certificate Awarded.

49040271
UTAH TECHNICAL COLLEGE AT PROVO
Utah Higher Education System
1395 North 150 East
Provo, Utah 84601
Dale Peterson
Vice President
(801) 373-7890
Program
Professional Driving (Diesel)
Professional driving (diesel rigs).

49052201
UTAH TECHNICAL COLLEGE AT SALT LAKE
Business Division
4600 South Redwood Road
Salt Lake City, Utah 84107
Earl R. Bartholomew
Division Chairman
(801) 299-3411 Ext 254
Program
Marketing-Business Management
Series of three classes-transportation i, ii, iii, 3 credits each, used as electives in marketing certificate or business mgmt. Associate degree. Highway transportation management taught by managing director of the Utah Motor Transport Association. Includes structure of tariffs, operational authority, terminal management.
Given Annually, September January March.

51037351
VIRGINIA COMMONWEALTH UNIVERSITY
Community Services-Administration, Justice & Public Safety
816 West Franklin Street
Richmond, Virginia 23284
James Stinchcomb
Chairman
(804) 770-4057
Program
Accident Investigation Course
This project is designed to offer three(3) two-week(-ten-day) courses investigation for police officers.
Given Annually, November - February; Certificate Awarded.

51037352
VIRGINIA COMMONWEALTH UNIVERSITY
Community Services - Administration Justice & Public Safety
816 West Franklin Street
Richmond, Virginia 23284
James Stinchcomb
Chairman - Dept. Alps
(804) 770-4057
Program
Bicycle Safety
Information will be provided on bicycle safety problems, equipment, and programs; participants will be familiarized with the various methods which can be used to promote cycling.
Given Annually, July; No Certificate Awarded.

51037353
VIRGINIA COMMONWEALTH UNIVERSITY
Community Services
816 West Franklin Street
Richmond, Virginia 23284
James Stinchcomb
Chairman
(804) 770-4057
Program
Bridge Inspector Training Course
This three-week (120-hour) course is designed to provide training for approximately thirty (30) engineers, technicians, and aides from the Virginia Department of Highways.
Given Annually, January; Certificate Awarded.
The motorcycle safety seminar will serve as a vehicle for gathering information on the state-of-the-art of motorcycle safety efforts in Virginia. Given Annually, August; No Certificate Awarded.

Two (2) two-day pilot courses are offered in traffic records for police officers. Given Annually, April; Certificate Awarded.

This course is designed to provide the first-line supervisor (typically a sergeant) with supervisory skills directly related to management of patrolmen assigned to traffic services. Given Annually, March; Certificate Awarded.

The motorcycle safety seminar will serve as a vehicle for gathering information on the state-of-the-art of motorcycle safety efforts in Virginia. Given Annually, August; No Certificate Awarded.

Two (2) two-day pilot courses are offered in traffic records for police officers. Given Annually, April; Certificate Awarded.

This course is designed to provide the first-line supervisor (typically a sergeant) with supervisory skills directly related to management of patrolmen assigned to traffic services. Given Annually, March; Certificate Awarded.

The small fleet safety seminars at the seminars, participants will be acquainted with the importance of hiring safe drivers, the development of a small fleet safety program, the implementation of preventive maintenance efforts, the dangers and legal sanctions of driving while intoxicated or under the influence of drugs, and the relationship of driver attitudes to accident prevention. Given Annually, September - October; No Certificate Awarded.

Two (2) two-day pilot courses are offered in traffic records for police officers. Given Annually, April; Certificate Awarded.

This course is designed to provide the first-line supervisor (typically a sergeant) with supervisory skills directly related to management of patrolmen assigned to traffic services. Given Annually, March; Certificate Awarded.

Small Fleet Safety Seminars
At the seminars, participants will be acquainted with the importance of hiring safe drivers, the development of a small fleet safety program, the implementation of preventive maintenance efforts, the dangers and legal sanctions of driving while intoxicated or under the influence of drugs, and the relationship of driver attitudes to accident prevention. Given Annually, September - October; No Certificate Awarded.

Two (2) two-day pilot courses are offered in traffic records for police officers. Given Annually, April; Certificate Awarded.

This course is designed to provide the first-line supervisor (typically a sergeant) with supervisory skills directly related to management of patrolmen assigned to traffic services. Given Annually, March; Certificate Awarded.
51070991  Continued
Huber, J. Ashe
Director of Continuing Education
(703) 628-6094 Ext. 30
Program Mode: H
Defensive Driving
An eight-hour class including preventability of motor vehicle accidents, principles of defensive driving, the six situations of the tow car crash, the standard accident prevention formula, and others. The National Safety Council co-sponsored the program.
Given Quarterly, July, October, January, April; No Certificate Awarded.

51070992
VIRGINIA HIGHLANDS COMMUNITY COLLEGE
P. O. Box 828
Abingdon, Virginia 24210
Hubert J. Ashe
Director of Continuing Education
(703) 628-6094 Ext. 30
Program Mode: H
Driver Education for Adults
Includes four hours of classroom instruction and twelve hours of in-car instruction. This course prepares interested adults to get their (Virginia) driver's license. Each participant must have an instruction permit in order to take part in the in-car portion of the program.
Given Approx. Every 6 Weeks, Continuously; No Certificate Awarded.

51000581
UNIVERSITY OF VIRGINIA
School of Continuing Education
2103 Electric Road, SW
Roanoke, Virginia 24018
A. R. Butler
Director, Roanoke Center
(703) 989-4518
Program Mode: A
Investigating Our Physical Environment-Aerospace
To develop a broad understanding of the role of the earth as our spaceship, and to relate this to the role of the earth in the solar system, the galaxy, and the universe at large. To develop general knowledge of air and space vehicles, and aerospace technology, of the impact of aerospace technology on our society.
Given As Required; No Certificate Awarded.

53037711  Continued
Dr. G. W. Beed
Chairman
(509) 963-1756
Program Mode: A
Teacher Preparation for Transportation Usage
These courses are designed to give prospective teachers qualifications for teaching high school students the vast influence and reliance of transportation and safety related to transportation. Field experiences and tours to airports, control towers, voc. tech.
Given Annually, Fall-Winter-Spring Quarters; No Certificate Awarded.

53037712
CENTRAL WASHINGTON STATE COLLEGE
Aerospace Studies
22108 9th Ave. S.E.
Ellensburg, Washington 98926
Helen Frizzell,
Workshop Director of Aerospace Education
(206) 486-3983
Program Mode: A
Aerospace Education Workshop
History of aviation and space exploration. Theory of flight including light aircraft and helicopter flights. Presentations by FAA, CAP, NASA, and commercial and general aviation representatives. Development of curriculum materials to be used in the classrooms of participating educators. Field experiences and tours to airports, control towers, voc. tech. facilities, etc.
Given Summer Quarter, July; No Certificate Awarded.

53037781
GONZAGA UNIVERSITY
Spokane, Washington 99201
Mr. Charles Carpenter
Workshop Director
(509) 328-4220
Program Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually.

53037791
GRAYS HARBOR COLLEGE
Office of Continuing Education
Aberdeen, Washington 98520
53037791  Continued
Dr. Richard L. Harris
Director of Continuing Education
(206) 532-9172
Program  Mode: R
Rail Rates and Tariffs
A continuing education course for employees of industries involved in interstate commerce.
Given Biannually; Evenings; Fall or Winter; No Certificate Awarded.

53037792
GRAYS HARBOR COLLEGE
Office of Continuing Education
Aberdeen, Washington 98520
Dr. Richard L. Harris
Director of Continuing Education
(206) 532-9172
Program  Mode: I
Freight Rates and Tariffs
A continuing education course for employees of industries involved in interstate commerce.
Given Biannually; Evenings; Fall or Winter; No Certificate Awarded.

53037941
ST. MARTINS COLLEGE
Olympia, Washington 98501
Mr. Art Acuff
Workshop Director
(206) 491-4700
Program  Mode: A
Aerospace Education Workshop
A cooperative, semi-formal learning experience designed to introduce school personnel and youth group leaders to the many educational and career implications of aviation and space (aerospace) activities; and to suggest various ways and means of utilizing aerospace facts, concepts and accomplishments to enhance and enliven their community's school curriculum and youth-oriented programs.
Given Annually; July; Certificate Awarded.

53038001
WASHINGTON STATE UNIVERSITY
Civil and Environmental Engineering
Pullman, Washington 99163
Professor Leon D. Luck
Department Chairman
(509) 335-3184
Program  Mode: H
Engineering Surveys (Summer Camp)
A course in principles of surveying, soil mechanics, and hydrology as applied to construction and route work taught at an engineering camp in the cascade mountains.
Given Annually; June and July; No Certificate Awarded.

54038251
WEST VIRGINIA INSTITUTE OF TECHNOLOGY
Department of Civil Engineering
Montgomery, West Virginia 25136
Prof. S. E. Thornton
Department Chairman
(304) 442-3162
Program  Mode: H
Highway & ASCE Technical Conferences
The student chapter of ARBA sponsors the highway conference with a different theme each year in the fall. The student chapter of ASCE sponsors the technical conference each spring with various topics. It is co-sponsored by the Charleston, WV branch of ASCE. Each conference is an afternoon and banquet meeting.
Given Each Annually; November & March; No Certificate Awarded.

54038271
WEST VIRGINIA UNIVERSITY
College of Human Resources and Education
Technology Education Program, 2925 University Avenue
Morgantown, West Virginia 26506
David L. McCrory
Assistant Professor
(304) 293-5439
Program  Mode: A
Aerospace Education Workshop
This two-week workshop is designed to provide teachers with new knowledge and techniques to enrich their instructional programs. The content of the workshop includes topics in general aviation and in space science.
Given Annually; July; No Certificate Awarded.

55038631
MARQUETTE UNIVERSITY
Department of Civil Engineering
1515 West Wisconsin Avenue
Milwaukee, Wisconsin 53233
Dr. J. Behnam
Assistant Professor
(414) 224-7384
Program  Mode: U
Seminars in Transportation and Transit Planning
The seminars include topics concerning the recent developments in urban transportation and transit planning. Experts are invited to speak on these subjects from federal, state, local, and other universities throughout the state and nation.
Given Each Semester; No Certificate Awarded.
Seminars, Institutes and Workshops

55038951
UNIVERSITY OF WISCONSIN, MADISON
Extension Engineering
1415 Johnson Drive
Madison, Wisconsin 53706
William Baker
Associate Professor
(608) 262-0907
Program Mode: U
Urban Transportation Planning Shortcourse
This short course intends to develop awareness of the urban transportation problem, to discuss planning process in general terms, and to treat techniques of analysis and evaluation for urban transportation planning. Course includes workshop sessions and computer solutions to transportation problems. Individuals engaged in technical or policy-making resolution of urban transportation problems are invited. This includes urban and regional planners, traffic and transportation engineers, municipal engineers, and other technically oriented personnel.
Given Annually, June Or July; Certificate Awarded.

55038952
UNIVERSITY OF WISCONSIN, MADISON
Extension Engineering
423 N. Lake Street
Madison, Wisconsin 53706
William Baker
Program Director
(608) 262-2061
Program Mode: H
Traffic Engineering Seminar
The three-day seminar is intended to expand the abilities of practicing traffic engineers and technicians in the areas of capacity, geometric design, and signalization. The subject matter included on the program represents material currently being taught at the University of Wisconsin, in graduate and advanced undergraduate transportation courses.
Given Annually, Summer; Certificate Awarded.

55038953
UNIVERSITY OF WISCONSIN, MADISON
Extension Engineering
432 N. Lake Street
Madison, Wisconsin 53706
William Baker
Program Director
(608) 262-2061
Program Mode: H
Traffic Planning for Arterial Street Systems
The three-day seminar is designed to provide information and methodologies for the planning and improvement of traffic service on arterial street systems. The program material should be of interest to practicing traffic engineers and technicians, municipal and public works engineers, and local governmental officials. Emphasis will be placed on corridor studies, planning for major traffic generators, and transit planning.
Given Annually, Fall; Certificate Awarded.

55038961
UNIVERSITY OF WISCONSIN, MILWAUKEE
Extension Engineering
929 N. Sixth Street
Milwaukee, Wisconsin 53203
Paul A. Seaburg
Program Director
(414) 224-4181
Program Mode: E
Environmental Impacts of Transportation Systems
This short course will provide a technical overview of many of the subjects that are of concern in the environmental analyses of transportation projects. It is intended for persons directly involved in obtaining information and the writing of environmental impact statements. The short course will include workshop sessions on noise and air pollution impacts. The nature of legislation regarding environmental issues; visual, social, and economic effects; and effects on the natural environment will also be discussed. Emphasis will be given to the environmental impacts of highway projects.
Given Semi-Annually, Summer, Winter; Certificate Awarded.

55072881
GATEWAY TECHNICAL INSTITUTE
Aviation Department
3520-30th Avenue
Kenosha, Wisconsin 53140
Mr. Robert G. Clarke
Chairman, Aviation Programs
(414) 658-4371 Ext. 63
Program Mode: A
Flight Instructor Recertification Seminar
Flight instructor recertification seminar
Given Once a Year, Spring, Usually in April; Certificate Awarded.

60100101
COMMUNITY COLLEGE OF AMERICAN SAMOA
Driver and Safety Education
American Samoa 96799
Program Mode: H
Driver and Safety Education
The course is intended for both adults and high school age persons, who are qualified to drive. The course covers two phases of instructions 1. on the road; 2. in the classroom.
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| COMMUNITY COLLEGE OF BALTIMORE | 24020611 | 42 |
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| DAVIDSON COUNTY COMMUNITY COLLEGE | 37029191 | 72 |
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