This second annual directory of in-service training programs was compiled by the Faculty Development Project of the American Association of Junior Colleges in cooperation with the Carnegie Corporation. It covers training workshops and short courses specially designed for professional improvement and refreshment of faculty and instructors at AAJC member institutions. The material is arranged by subject matter (academic, vocational-technical, education/curriculum/learning, management and administration, student personnel services, National Science Foundation courses, etc.) and by geographical region (Northeast, South Atlantic, South, North Central, West). The information was obtained from colleges, universities, professional groups, government agencies, education associations, consultants, and other training organizations and institutions. Besides subject matter, each entry includes site, date, credit, and cost. The guide does not list Education Professions Development Act programs. In all cases, the directory specifies the office or person to whom inquiries should be sent. To improve future issues of the guide, readers are invited to submit comments, data on future programs, or any other pertinent information. (HH)
1969

GUIDE TO IN-SERVICE TRAINING
FOR
TWO YEAR COLLEGE FACULTY
AND STAFF MEMBERS

FACULTY DEVELOPMENT PROJECT
AMERICAN ASSOCIATION OF JUNIOR COLLEGES
1315 SIXTEENTH STREET, N.W.
WASHINGTON, D.C. 20036

UNIVERSITY OF CALIF.
LOS ANGELES
MAR 18 1969
CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION
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The attached directory is the second in a series of annual in-service training guides for junior and community college instructors and staff members. It was compiled by the Faculty Development Project of the American Association of Junior Colleges, with the cooperation of the Carnegie Corporation of New York. Data is included on training workshops and short courses which are conducted specifically or primarily for the purpose of meeting the requirements of professional improvement and refreshment for teachers and staff members at AAJC member institutions. Conferences and meetings are not included, nor is information on programs outside the area of primary interest and relevance to the junior and community college professional.

The plan for the Guide is a simple one. Data has been arranged and presented in such a way as to be of greatest use both to the teacher and the specialist as well as the college dean, department head or chief administrative officer seeking information on available staff training opportunities. Beyond the following simple categories, no attempt has been made either to evaluate the courses listed nor to describe or characterize them otherwise.

1. Subject Matter
   - Academic
   - Vocational and Technical
   - Education, Curriculum and Learning
   - Administration and Management
   - Student Personnel Services
   - National Science Foundation Courses
   - Other

2. Geographical Regions
   The regions used in this study are based on information from the U.S. Census Bureau. A list of the states included in each region is attached.

Information was obtained from a variety of sources. Among those which have provided information for this Guide are colleges, universities, professional groups, government agencies, education associations, consulting groups and other training organizations and institutions.

The greatest care possible has been taken in editing this Guide. However, no claim can be made for its completeness, nor for its entire accuracy. Furthermore, no responsibility can be accepted for the information provided to AAJC by training organizations concerning subject matter, sites, dates, credit or costs. Where such data is omitted or incomplete, it did not appear in the original training announcement as forwarded to the Association. In all cases, a contact person (or office) is specified to whom all further inquiries and requests should be directed.

Primarily, the Guide is meant to serve those who seek a basic knowledge of in-service instruction, usually short courses, which is most frequently available during the course of the coming summer months.

The 1968 edition was the first in a series. It was published late last year, and was therefore only of limited use to those who sought information about training
opportunities. However, this 1969 Guide (and for subsequent years, if response justifies it) is published in February, thus allowing it to serve better its basic purpose as a planning tool for summer training by faculty and administrators. If sufficient information on additional courses becomes available later, a second Guide may be compiled in late Spring.

The reader can help to make the Guide more useful and more responsive to his particular staff training needs. In particular, answers to the following questions can assist in its improvement:

1. Tell us whether you find the 1969 AAJC In-Service Training Guide useful, in what ways (if any) it can be improved, and whether you would be interested in receiving such a Guide annually.

2. Fill in and return the attached 1970 AAJC Training Guide Registration Form as soon as you have information which you wish included in next year's Guide. Such information should describe new or recurrent in-service training programs or workshops, designed specifically to improve or expand the skills and knowledge of two-year college faculty and related professional staff.

3. Inform others planning for training courses about the Guide, and encourage them to advise the Association of all upcoming workshops, courses and other in-service training opportunities.

Please direct your questions, comments, and course registration requests for this Guide to:

Faculty Development Project
American Association of Junior Colleges
1315 Sixteenth Street, N.W.
Washington, D.C. 20036

NOTE: AAJC does not necessarily endorse programs included in this Guide. Inclusion implies neither approval nor disapproval of the course, its sponsor or its objectives. The intent is to list only legitimate "short courses". The U.S. Office of Education has available lists of training grants made under the Education Professions Development Act (EPDA). Therefore, this Guide does not list EPDA programs.

For inclusion in the Guide, courses should be freely available to all qualified applicants. Final decision on the listing of courses must remain with the AAJC Faculty Development Project. Information on regular academic year programs for matriculated students can be obtained directly from many of the schools listed.
### GEOGRAPHICAL REGIONS

1. **Northeast:**
   - Connecticut
   - Maine
   - Massachusetts
   - New Hampshire
   - New Jersey
   - New York
   - Pennsylvania
   - Rhode Island
   - Vermont

2. **South Atlantic:**
   - Delaware
   - District of Columbia
   - Florida
   - Georgia
   - Maryland
   - North Carolina
   - South Carolina
   - Virginia
   - West Virginia

3. **South:**
   - Alabama
   - Arkansas
   - Kentucky
   - Louisiana
   - Mississippi
   - Oklahoma
   - Tennessee
   - Texas

4. **North Central:**
   - Illinois
   - Indiana
   - Iowa
   - Kansas
   - Michigan
   - Minnesota
   - Missouri
   - Nebraska
   - North Dakota
   - Ohio
   - South Dakota
   - Wisconsin

5. **West:**
   - Alaska
   - Arizona
   - California
   - Colorado
   - Hawaii
   - Idaho
   - Montana
   - Nevada
   - New Mexico
   - Oregon
   - Utah
   - Washington
   - Wyoming
### ACADEMIC COURSES

#### Northeast Region

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<th>Dates</th>
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<th>Contact</th>
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<td>Interpretation of NMR Spectra (Chemistry)</td>
<td>Saddle Brook, New Jersey</td>
<td>March 21-23, 1969</td>
<td>$95.00</td>
<td>Education Office&lt;br&gt;American Chemical Society&lt;br&gt;1155 Sixteenth Street, N.W.&lt;br&gt;Washington, D.C. 20036</td>
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<tr>
<td>Organometallic Principles in Modern Organic Synthesis</td>
<td>Saddle Brook, New Jersey</td>
<td>May 3-4, 1969</td>
<td>$65.00</td>
<td>Education Office&lt;br&gt;American Chemical Society&lt;br&gt;1155 Sixteenth Street, N.W.&lt;br&gt;Washington, D.C. 20036</td>
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<tr>
<td>Emulsions and Dispersions</td>
<td>New York, New York</td>
<td>April 28-30, 1969</td>
<td>$80.00</td>
<td>Education Office&lt;br&gt;American Chemical Society&lt;br&gt;1155 Sixteenth Street, N.W.&lt;br&gt;Washington, D.C. 20036</td>
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<tr>
<td>High Temperature Chemistry</td>
<td>New York, New York</td>
<td>May 23-24, 1969</td>
<td>$65.00</td>
<td>Education Office&lt;br&gt;American Chemical Society&lt;br&gt;1155 Sixteenth Street, N.W.&lt;br&gt;Washington, D.C. 20036</td>
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<tr>
<td>Geography of Appalachian Borderlands</td>
<td>Stanstead College, Stanstead, Quebec, Canada</td>
<td>July 2-August 15, 1969</td>
<td>$200 (fees); $250 (room and board)</td>
<td>Dr. T. L. Hills, Director&lt;br&gt;Geography Summer School&lt;br&gt;McGill University&lt;br&gt;Montreal, Canada</td>
</tr>
<tr>
<td>Artic Seminar</td>
<td>Stanstead College, Stanstead, Quebec, Canada</td>
<td>July 2-August 15, 1969</td>
<td>$200 (tuition); $250 (room and board)</td>
<td>Dr. T. L. Hills, Director&lt;br&gt;Geography Summer School&lt;br&gt;McGill University&lt;br&gt;Montreal, Canada</td>
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</tbody>
</table>
7. **SUBJECT:** Climatology  
   **SITE:** Stanstead College, Stanstead, Quebec, Canada  
   **DATES:** July 2 - August 15, 1969  
   **COST:** $200 (tuition); $250 (room and board)  
   **CREDIT:** 2 hours  
   **CONTACT:** Dr. T.L. Hills, Director  
   Geography Summer School  
   McGill University  
   Montreal, Canada

8. **SUBJECT:** Humid Tropical Lands  
   **SITE:** Stanstead College, Stanstead, Quebec, Canada  
   **DATES:** July 2 - August 15, 1969  
   **COST:** $200 (tuition); $250 (room and board)  
   **CREDIT:** 4 hours  
   **CONTACT:** Dr. T.L. Hills, Director  
   Geography Summer School  
   McGill University  
   Montreal, Canada

9. **SUBJECT:** Landscape Analysis  
   **SITE:** Stanstead College, Stanstead, Quebec, Canada  
   **DATES:** July 2 - August 15, 1969  
   **COST:** $200 (tuition); $250 (room and board)  
   **CREDIT:** 4 hours  
   **CONTACT:** Dr. T.L. Hills, Director  
   Geography Summer School  
   McGill University  
   Montreal, Canada

10. **SUBJECT:** The Northern Lands  
    **SITE:** Stanstead College, Stanstead, Quebec, Canada  
    **DATES:** July 2 - August 15, 1969  
    **COST:** $200 (tuition); $250 (room and board)  
    **CREDIT:** 2 hours  
    **CONTACT:** Dr. T.L. Hills, Director  
    Geography Summer School  
    McGill University  
    Montreal, Canada

11. **SUBJECT:** Urban Geography  
    **SITE:** Stanstead College, Stanstead, Quebec, Canada  
    **DATES:** July 2 - August 15, 1969  
    **COST:** $200 (tuition); $250 (room and board)  
    **CREDIT:** 4 hours  
    **CONTACT:** Dr. T.L. Hills, Director  
    Geography Summer School  
    McGill University  
    Montreal, Canada

**South Atlantic Region**

12. **SUBJECT:** Molecular Characterization of Polymers  
    **SITE:** Washington, D.C.
12. **DATES:** May 2 - 5, 1969  
**COST:** $100  
**CONTACT:** Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036

13. **SUBJECT:** Organometallic Principles in Modern Organic Synthesis  
**SITE:** Institute, West Virginia  
**DATES:** March 21-22, 1969  
**COST:** $65  
**CONTACT:** Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036

**Southern Region**

14. **SUBJECT:** Molecular Orbital Theory for Organic Chemists  
**SITE:** Houston, Texas  
**DATES:** May 9 - 10, 1969  
**COST:** $65  
**CONTACT:** Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036

**North Central Region**

15. **SUBJECT:** Seminars for College Teachers of English  
**SITE:** Northern Illinois University, DeKalb, Illinois 60115  
**DATES:** August 9 - August 28, 1969  
**COST:** $27 (resident); $247 (non-resident)  
**CREDIT:** 3 credit hours  
**CONTACT:** Dr. William Seat III  
Department of English

16. **SUBJECT:** Oxidation Reactions in Organic Chemistry  
**SITE:** Midland, Michigan  
**DATES:** April 11 - 12, 1969  
**COST:** $65  
**CONTACT:** Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036

17. **SUBJECT:** Atomic Absorption Spectometry  
**SITE:** St. Paul, Minnesota  
**DATES:** April 12 - 13, 1969  
**COST:** $70  
**CONTACT:** Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036
18. SUBJECT: Computer Programs in Chemical Research  
SITE: Minneapolis, Minnesota  
DATES: April 12 - 13, 1969  
COST: $90  
CONTACT: Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036

19. SUBJECT: Gas Chromatography  
SITE: Minneapolis, Minnesota  
DATES: April 18 - 19, 1969  
COST: $65  
CONTACT: Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036

20. SUBJECT: Basic Gas Chromatography  
SITE: Cleveland, Ohio  
DATES: March 8 - 9, 1969  
COST: $65  
CONTACT: Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036

Western Region

21. SUBJECT: Emulsions and Dispersions  
SITE: Berkeley, California  
DATES: March 29 - 31, 1969  
COST: $80  
CONTACT: Education Office  
American Chemical Society  
1155 Sixteenth Street, N.W.  
Washington, D.C. 20036

Northeast Region

22. SUBJECT: Combined Program of Summer Work Experience with Area Industries and Study in Technical (Business and Engineering) Fields  
SITE: Rochester Institute of Technology, Rochester, New York 14623  
DATES: June 23 - August 23, 1969  
CREDIT: Graduate credit possible  
CONTACT: Dr. John T. Henderson, Director  
Center for Community College Faculty Development

23. SUBJECT: Summer Program of Courses for Business and Engineering Technology Faculty from Two-Year Colleges  
SITE: Rochester Institute of Technology, Rochester, New York 14623
(Vocational and Technical Courses, cont'd)

23. DATES: June 10 - August 20, 1969 (Regular Summer Quarter)
July 25 - August 29, 1969 (Summer Session)
CONTACT: Dr. John T. Henderson, Director
Center for Community College Faculty Development

South Atlantic Region

24. SUBJECT: Business Education in the Post-Secondary School
SITE: Virginia State College, Petersburg, Virginia 23803
DATES: July 7 - August 15, 1969
COST: $54
CREDIT: 3 semester hours
CONTACT: Dr. R. Charles Long, Graduate Advisor
Business and Office Education Graduate School

North Central Region

25. SUBJECT: Business Education in the Post-Secondary School
SITE: Northern Illinois University, DeKalb, Illinois 60115
DATES: July 14 - August 1, 1969
COST: $27 (resident); $147 (non-resident)
CREDIT: 3 credit hours
CONTACT: Dr. B.W. Sehr
Department of Business Education

26. SUBJECT: Distributive Education in the Post-Secondary School
SITE: Northern Illinois University, DeKalb, Illinois 60115
DATES: July 14 - August 1, 1969
COST: $27 (resident); $147 (non-resident)
CREDIT: 3 credit hours
CONTACT: Dr. E.E. Harris
Department of Business Education

27. SUBJECT: Photogrammetric Engineering
SITE: University of Illinois, Urbana, Illinois 61801
DATES: June 2 - 13, 1969
COST: $450 (for two weeks); $250 (for one week)
CONTACT: Dr. H.M. Karara
Professor of Civil Engineering

28. SUBJECT: Vocational-Technical Education
SITE: University of Illinois, Urbana, Illinois 61801
DATES: June 16 - July 12, 1969
COST: $55 (resident); $155 (non-resident)
CREDIT: 1 unit graduate credit
CONTACT: Dr. David L. Williams
361 Education Building

29. SUBJECT: Automotive Electricity
SITE: Anderson, Indiana 46011
DATES: June 16 - 27, 1969; July 7 - 18, 1969; July 21 - August 1, 1969
CONTACT: Service Training Manager
Delco-Remy, Inc.
Division of General Motors
30. **SUBJECT:** Vocational Teacher Education  
**SITE:** Southern State College, Springfield, South Dakota  
**DATES:** July 7 - 18, 1969; July 21 - August 1, 1969  
**COST:** $45  
**CREDIT:** 4 hours  
**CONTACT:** Mr. Laurel Iverson

**EDUCATION, CURRICULUM AND LEARNING COURSES**

**Northeast Region**

31. **SUBJECT:** Community College Students, Teachers and Instructional Techniques  
**SITE:** Wesleyan University, Middletown, Connecticut  
**DATES:** August 10 - 15, 1969  
**COST:** $100  
**CONTACT:** Mr. Robert H. Fenn, Director  
Summer Institute  
Regional Community Colleges  
One Miles Street  
Hartford, Connecticut 06105

32. **SUBJECT:** National Training Laboratories: Higher Education Lab  
**SITE:** Bethel, Maine  
**DATES:** June 15 - 27, 1969  
**COST:** $485 (total fee)  
**CONTACT:** Mrs. Louise Gregoor, Admissions Secretary  
NTL Institute for Applied Behavioral Science  
1201 Sixteenth Street, N.W.  
Washington, D.C. 20036

33. **SUBJECT:** National Training Laboratories: Laboratory for Educational Leaders  
**SITE:** Bethel, Maine  
**DATES:** July 6 - 18, 1969  
**COST:** $485 (total fee)  
**CONTACT:** Mrs. Louise Gregoor, Admissions Secretary  
NTL Institute for Applied Behavioral Science  
1201 Sixteenth Street, N.W.  
Washington, D.C. 20036

34. **SUBJECT:** National Training Laboratories: Community Leadership Lab  
**SITE:** Bethel, Maine  
**DATES:** July 6 - 18, 1969  
**COST:** $485 (total fee)  
**CONTACT:** Mrs. Louise Gregoor, Admissions Secretary  
NTL Institute for Applied Behavioral Science  
1201 Sixteenth Street, N.W.  
Washington, D.C. 20036

35. **SUBJECT:** Curriculum and Teaching in the Community and Junior College  
**SITE:** Boston University, Boston, Massachusetts  
**DATES:** May 28 - June 14, 1969  
**COST:** $120  
**CREDIT:** 3 hours  
**CONTACT:** Dr. Eugene E. Dubois  
Assistant Professor of Education
36. SUBJECT: Problems of Clinical Evaluation
SITE: New York University, New York, New York 10003
DATES: June 16 - 20, 1969
COST: Cost covered by Kellogg Foundation stipend
CONTACT: Professor Jaon C. Hoexter
Division of Nurse Education

37. SUBJECT: The Two-Year College
SITE: Rochester Institute of Technology, Rochester, New York 14623
DATES: July 28 - August 29, 1969
COST: $150
CREDIT: 3 quarter hours graduate credit
CONTACT: Dr. John T. Henderson, Director
Center for Community College Faculty Development

38. SUBJECT: The Two-Year College
SITE: Lehigh University, Bethlehem, Pennsylvania
COST: $213 (tuition)
CREDIT: 3 credit seminar
CONTACT: Director
Community College Programs

39. SUBJECT: Course for Teachers of Adults
SITE: Centennial College, Scarborough, Ontario, Canada
DATES: July 3 - August 14, 1969
COST: $225 (includes one week sensitivity training)
CONTACT: The Registrar

40. SUBJECT: System Application in the Improvement of Instructional Programs
SITE: Toronto, Canada
DATES: April 21 - 25, 1969
COST: $310 registration fee
CONTACT: James R. Wildman, Director
Seminar Development
University Computing Company
1930 Highline Drive
Dallas, Texas 75207

South Atlantic Region

41. SUBJECT: Occupational Education Program Development Institute for Post-Secondary Institutions
SITE: Atlanta, Georgia
DATES: August 11 - 14, 1969
CONTACT: Center for Vocational-Technical Education
Ohio State University
242 West 18th Avenue
Columbus, Ohio 43210

42. SUBJECT: The Junior College
SITE: University of Maryland, College Park, Maryland
DATES: June 25 - August 15, 1969
COST: $30 (resident); $36 (non-resident)
CREDIT: 2 or 3 graduate credits
(Education, Curriculum and Learning Courses, cont'd)

42. CONTACT: Dr. Roger Kelsey
   School of Education

43. SUBJECT: Problems in Higher Education
   SITE: University of Maryland, College Park, Maryland
   DATES: June 25 - August 15, 1969
   CONTACT: Dr. Richard F. Neville
             Assistant to the Dean
             College of Education

44. SUBJECT: Workshop for College Teachers of Early Childhood Education
   SITE: University of Maryland, College Park, Maryland
   DATES: June 25 - July 11, 1969
   CREDIT: 3 hours
   CONTACT: Dr. James L. Hymes, Jr.
             Director of Workshop

45. SUBJECT: Instruction Program of the Junior College
   SITE: Western Carolina University, Cullowhee, North Carolina 28723
   DATES: July 14 - August 15, 1969
   COST: $42 (resident); $60 (non-resident)
   CREDIT: 3 quarter hours
   CONTACT: Dr. M.B. Morrill
             Dean of the Graduate School

46. SUBJECT: The Community College
   SITE: University of Virginia, Charlottesville, Virginia 22903
   DATES: June 16 - July 3, 1969
   COST: $65 (residents); $116 (non-residents)
   CREDIT: 3 hours
   CONTACT: Dr. Ralph W. Cherry, Director
             Summer Sessions

47. SUBJECT: The Junior College
   SITE: Catholic University of America, Washington, D.C. 20017
   DATES: June 30 - August 8, 1969
   COST: $135
   CREDIT: 3 semester hours
   CONTACT: Dr. Frank B. Pesci
             School of Education

48. SUBJECT: Principles of College Teaching
   SITE: Catholic University of America, Washington, D.C. 20017
   DATES: June 30 - August 8, 1969
   COST: $135
   CREDIT: 3 semester hours
   CONTACT: Dr. Frank B. Pesci
             School of Education

Southern Region

49. SUBJECT: The Junior or Community College
   SITE: Oklahoma State University, Stillwater, Oklahoma
   DATES: June 5 - July 30, 1969
(Education, Curriculum and Learning Courses, cont'd)

49. COST: $36 (resident); $90 (non-resident)
CREDIT: 3 hours
CONTACT: Dean
School of Education

50. SUBJECT: Workshop on "The Junior College"
SITE: Baylor University, Waco, Texas 76703
DATES: July 14 - August 1, 1969
COST: $75
CREDIT: 3 semester hours
CONTACT: Dr. W. Read Dawson
Professor of Education

51. SUBJECT: History and Philosophy of Higher Education
SITE: Stephen F. Austin State College, Nacogdoches, Texas
DATES: June 2 - July 11, 1969
CREDIT: 3 hours
CONTACT: Mr. Stan McKewen
Registrar

52. SUBJECT: Procedures in Community College Teaching
SITE: Stephen F. Austin State College, Nacogdoches, Texas
DATES: June 2 - July 11, 1969
CREDIT: 3 hours
CONTACT: Mr. Stan McKewen
Registrar

53. SUBJECT: Curriculum Practices
SITE: Texas Southern University, Houston, Texas 77004
DATES: June 9 - July 18, 1969
COST: $44 (resident); $118 (non-resident)
CREDIT: 3 semester hours
CONTACT: Dean Milton Wilson
School of Business

54. SUBJECT: The Junior College
SITE: Texas Woman's University, Denton, Texas 76204
DATES: September 18 - January 23, 1970
COST: $36 (resident); $81 (non-resident)
CREDIT: 3 semester hours graduate credit (for women only)
CONTACT: Dr. Ted W. Booker
Professor of Higher Education

North Central Region

55. SUBJECT: The Community (Junior) College
SITE: Illinois State University, Normal, Illinois 61761
DATES: June 16 - August 8, 1969
COST: $27 (resident); $69 (non-resident)
CREDIT: 3 semester hours graduate credit
CONTACT: Admissions Office

56. SUBJECT: Internship in College Teaching
SITE: Illinois State University, Normal, Illinois 61761
DATES: June 16 - August 8, 1969
(Education, Curriculum and Learning Courses, cont'd)

56. COST: $27 (resident); $69 (non-resident)
   CREDIT: 3 semester hours graduate credit
   CONTACT: Admissions Office

57. SUBJECT: Seminar in College Teaching
   SITE: Illinois State University, Normal, Illinois 61761
   DATES: June 16 - August 8, 1969
   COST: $27 (resident); $69 (non-resident)
   CREDIT: 3 semester hours graduate credit
   CONTACT: Admissions Office

58. SUBJECT: Teaching in the Community (Junior) College
   SITE: Illinois State University, Normal, Illinois 61761
   DATES: June 16 - August 8, 1969
   COST: $18 (resident); $46 (non-resident)
   CREDIT: 2 semester hours graduate credit
   CONTACT: Admissions Office

59. SUBJECT: The Junior and Community College
   SITE: Loyola University, Chicago, Illinois
   DATES: June 30 - August 8, 1969
   COST: $135
   CREDIT: 3 hours
   CONTACT: Dr. Richard Matre
             Dean of the Graduate School

60. SUBJECT: The Junior College
   SITE: Northern Illinois University, DeKalb, Illinois 60115
   DATES: June 16 - August 8, 1969
   COST: $27 (resident); $147 (non-resident)
   CREDIT: 3 hours
   CONTACT: Dr. W.K. Ogilvie
             Community College Services

61. SUBJECT: The Junior College
   SITE: University of Illinois, Champaign, Illinois 61820
   DATES: June 16 - August 9, 1969
   COST: $61 (resident); $161 (non-resident)
   CREDIT: 1 graduate unit or 4 semester hours
   CONTACT: Dr. William Wellner
             342 Armory Building

62. SUBJECT: The Junior College
   SITE: Western Illinois University, Macomb, Illinois 61455
   DATES: June 16 - 27, 1969
   CONTACT: Dr. Arnold W. Salisbury, Associate Professor
             Department of Education

63. SUBJECT: The Junior College
   SITE: Western Illinois University, Macomb, Illinois 61455
   DATES: June 16 - 27, 1969
   COST: $35.50 tuition
   CREDIT: 3 quarter hours graduate credit
   CONTACT: Dr. Arnold W. Salisbury
             School of Education
64. SUBJECT: The Comprehensive Community College  
   SITE: Iowa State University, Ames, Iowa 50010  
   DATES: June 3 - July 11, 1969  
   COST: $55 (resident); $93 (non-resident)  
   CREDIT: 3 quarter hours graduate credit  
   CONTACT: Dr. Milton D. Brown  
             Associate Professor of Higher Education  
             220 Curtiss Hall

65. SUBJECT: Annual Community College Workshop - Faculty Development  
   SITE: University of Iowa, Iowa City, Iowa  
   DATES: June 9 - 13, 1969  
   COST: $20 (registration)  
   CREDIT: 1 semester hour possible  
   CONTACT: Dr. Duane D. Anderson, Director  
             Office of Community College Affairs

66. SUBJECT: Workshop on The Junior College  
   SITE: Kansas State University, Manhattan, Kansas  
   DATES: July 14 - August 1, 1969  
   COST: $36 (resident); $93 (non-resident)  
   CREDIT: 3 semester hours  
   CONTACT: Dr. Floyd H. Price  
             College of Education

67. SUBJECT: The Community (Junior) College  
   SITE: University of Kansas, Lawrence, Kansas 66044  
   DATES: June 9 - August 2, 1969  
   COST: $13.25 per semester hour  
   CREDIT: 3 semester hours  
   CONTACT: Kenneth E. Anderson, Dean  
             School of Education

68. SUBJECT: The Junior College  
   SITE: Kansas State College, Fort Hays, Kansas 67601  
   DATES: June 30 - July 18, 1969  
   COST: $28.50  
   CREDIT: 3 hours  
   CONTACT: Dr. W. Clement Wood, Head  
             Department of Education

69. SUBJECT: Improvement of the Instructional Program  
   SITE: Kansas State College, Pittsburg, Kansas  
   DATES: June 16 - 20, 1969  
   COST: $17 (resident); $22 (non-resident)  
   CREDIT: 1 graduate semester hour  
   CONTACT: Dr. Paul Parker  
             Department of Administration and School Services

70. SUBJECT: Instructional Resources for the Community College Instructor  
   SITE: Kansas State College, Pittsburg, Kansas  
   DATES: June 9 - August 1, 1969  
   COST: $17 (resident); $22 (non-resident)  
   CREDIT: 1 graduate semester hour  
   CONTACT: Dr. Paul Parker
71. **SUBJECT:** The Junior College  
**SITE:** Kansas State College, Pittsburg, Kansas  
**DATES:** June 23 - August 1, 1969  
**COST:** $36 (resident); $66 (non-resident)  
**CREDIT:** 3 semester hours graduate credit  
**CONTACT:** Dr. Paul Parker  
Department of Administration and School Services

72. **SUBJECT:** The Community (Junior) College  
**SITE:** University of Kansas, Lawrence, Kansas 66044  
**DATES:** June 5 - August 2, 1969  
**COST:** $30.75 per credit hour  
**CREDIT:** 2 hours  
**CONTACT:** Kenneth E. Anderson, Dean  
School of Education

73. **SUBJECT:** Junior College Problems and Trends in Higher Education  
**SITE:** Mankato State College, Mankato, Minnesota 56001  
**DATES:** July 7 - 11, 1969  
**COST:** $30  
**CREDIT:** 2 quarter hours  
**CONTACT:** Dr. C. Loyd Shubert  
P.O. Box 52

74. **SUBJECT:** College Student and the Environmental Press (Seminar)  
**SITE:** University of Missouri, Columbia, Missouri 65201  
**DATES:** June 9 - August 11, 1969  
**COST:** $20 per credit hour  
**CREDIT:** 2.5 credit hours  
**CONTACT:** Dr. Ken August Brunner  
210 Mark Twain Hall

75. **SUBJECT:** College Teaching  
**SITE:** University of Missouri, Columbia, Missouri 65201  
**DATES:** June 9 - August 11, 1969  
**COST:** $20 per credit hour  
**CREDIT:** 2 credit hours  
**CONTACT:** Dr. Ken August Brunner  
210 Mark Twain Hall

76. **SUBJECT:** Current Issues in Higher Education (Seminar)  
**SITE:** University of Missouri, Columbia, Missouri 65201  
**DATES:** June 9 - August 11, 1969  
**COST:** $20 per credit hour  
**CREDIT:** 2 credit hours  
**CONTACT:** Dr. Ken August Brunner  
210 Mark Twain Hall

77. **SUBJECT:** Curriculum Development in the Junior College (Seminar)  
**SITE:** University of Missouri, Columbia, Missouri 65201  
**DATES:** June 9 - August 11, 1969  
**COST:** $20 per credit hour  
**CREDIT:** 2 credit hours  
**CONTACT:** Dr. Ken August Brunner  
210 Mark Twain Hall
(Education, Curriculum and Learning Courses, cont'd)

78. SUBJECT: The Junior College  
SITE: University of Missouri, Columbia, Missouri 65201  
COST: $20 per credit hour  
CREDIT: 2 credit hours  
CONTACT: Dr. Ken August Brunner  
   210 Mark Twain Hall

79. SUBJECT: New Approaches to Instruction in the Junior College  
SITE: University of Missouri, Columbia, Missouri 65201  
DATES: June 27 - 28, 1969  
COST: $15  
CONTACT: Dr. Gary C. Fox  
   207 Mark Twain Hall

80. SUBJECT: The Junior College  
SITE: University of South Dakota, Vermillion, South Dakota  
DATES: June 16 - August 13, 1969  
COST: $9.50 per hour (resident); $25 per hour (non-resident)  
CREDIT: 3 hours  
CONTACT: Dr. Mark Delzell, Dean  
   School of Education

Western Region

81. SUBJECT: The Junior Community College  
SITE: Arizona State University, Tempe, Arizona 85281  
DATES: July 21 - August 22, 1969  
COST: $48  
CREDIT: 3 credit hours  
CONTACT: Dr. Don C. Bridgman  
   Associate Professor of Higher Education

82. SUBJECT: The Junior Community College  
SITE: Arizona State University, Tempe, Arizona 85281  
DATES: June 16 - July 18, 1969  
COST: $48  
CREDIT: 3 credit hours  
CONTACT: Dr. Don C. Bridgman  
   Associate Professor of Higher Education

83. SUBJECT: The Junior College in America  
SITE: Northern Arizona University, Flagstaff, Arizona 86001  
DATES: August 11 - 22, 1969  
CREDIT: 2 hours  
CONTACT: Dr. Charles Fauset, Dean  
   College of Education

84. SUBJECT: National Training Laboratories: Lab for Education Leaders  
SITE: Lake Arrowhead, California  
DATES: July 13 - 25, 1969  
COST: $505 (total fee)  
CONTACT: Mrs. Louise Gregoor, Admissions Secretary  
   NTL Institute of Applied Behavioral Science  
   1201 Sixteenth Street, N.W.  
   Washington, D.C. 20036
85. SUBJECT: Occupational Education Program Development Institute for Post-
Secondary Institutions
SITE: San Francisco, California
DATES: July 7 - 10, 1969
CONTACT: Center for Vocational and Technical Education
Ohio State University
242 West 18th Avenue
Columbus, Ohio 43210

86. SUBJECT: Afro-American, Mexican-American Curriculum Workshop
SITE: San Diego State College, San Diego, California 92115
DATES: June 17 - 27, 1969
COST: $45
CREDIT: 2 semester hours
CONTACT: Dr. Doris A. Meek
School of Education

87. SUBJECT: Workshop for In-Service Junior College Instructors
SITE: San Diego State College, San Diego, California 92115
DATES: June 23 - July 3, 1969
COST: $45
CREDIT: 2 semester hours
CONTACT: Dr. Robert D. Smith
Junior College Coordinator

88. SUBJECT: The Community College
SITE: Adams State College, Alamosa, Colorado 81101
DATES: July 7 - 18, 1969
COST: $12 per credit hour
CREDIT: 3 credit hours
CONTACT: Eugene T. Kelly, Director
School of Education

89. SUBJECT: Institute for Curriculum Development Based on Occupational Analysis
SITE: Colorado State University, Fort Collins, Colorado 80521
DATES: July 28 - August 1, 1969
CREDIT: 3 hours (by special arrangement)
CONTACT: Dr. Milton E. Larson
Professor of Vocational Education

90. SUBJECT: Conference on Curriculum Outreach
SITE: Loretto Heights College, Denver, Colorado (tentative site)
DATES: July 27 - August 1, 1969
COST: $40 (plus room and board)
CONTACT: Higher Education Executive Associates
International Inn
5440 Cass Avenue
Detroit, Michigan 48202

91. SUBJECT: The Community College
SITE: University of Colorado, Boulder, Colorado 80302
DATES: July 7 - 18, 1969
COST: $45 (minimum fee)
CREDIT: 2 semester hours
(Education, Curriculum and Learning Courses, cont'd)

CONTACT: Dr. Joseph A. Malik
School of Education

92. SUBJECT: Curriculum and Instruction in Higher Education
SITE: University of Colorado, Boulder, Colorado 80302
DATES: June 23 - August 15, 1969
COST: $15 per credit hour
CREDIT: 3 credit hours
CONTACT: Dr. Joseph A. Malik
School of Education

93. SUBJECT: Higher Education (Concepts and Problems)
SITE: University of Colorado, Boulder, Colorado
DATES: June 23 - August 15, 1969
COST: $45 (minimum fee)
CREDIT: 2 semester hours
CONTACT: Dr. Thomas M. Shay, Director
Mountain-Plains Community College Leadership Program

94. SUBJECT: The Student in Higher Education
SITE: University of Colorado, Boulder, Colorado
DATES: June 23 - August 15, 1969
COST: $15 per credit hour
CREDIT: 3 semester hours
CONTACT: Dr. Thomas M. Shay, Director
Mountain-Plains Community College Leadership Program

95. SUBJECT: The Community College
SITE: University of Hawaii, Honolulu, Hawaii 96822
DATES: June 16 - July 25, 1969
COST: $16 per credit hour
CREDIT: 3 hours
CONTACT: Summer Session Office
2500 Dole Street

96. SUBJECT: National Training Laboratories: Lab for Educational Leaders
SITE: Cedar City, Utah
DATES: August 3 - 15, 1969
COST: $450 (total fee)
CONTACT: Mrs. Louise Gregoor, Admissions Secretary
NTL Institute of Applied Behavioral Science
1201 Sixteenth Street, N.W.
Washington, D.C. 20036

97. SUBJECT: National Training Laboratories: Higher Education Lab
SITE: Cedar City, Utah
DATES: August 3 - 15, 1969
COST: $450 (total fee)
CONTACT: Mrs. Louise Gregoor, Admissions Secretary
NTL Institute of Applied Behavioral Science
1201 Sixteenth Street, N.W.
Washington, D.C. 20036

98. SUBJECT: National Training Laboratories: Community Leadership Lab
SITE: Cedar City, Utah
(Education, Curriculum and Learning Courses, cont'd)

**99. SUBJECT:** Workshop on Improvement of Junior College Instruction  
**SITE:** Eastern Washington State College, Cheney, Washington 99004  
**DATES:** July 7 - 18, 1969  
**COST:** $30  
**CREDIT:** 3 quarter hours  
**CONTACT:** Dr. Boyd Mills  
Community College Program

**100. SUBJECT:** Seminar in Community College Education  
**SITE:** Seattle University, Seattle, Washington  
**DATES:** June 16 - July 11, 1969  
**COST:** Regular University fee schedule  
**CREDIT:** 3 hours  
**CONTACT:** Dr. L.J. Elias  
Professor of Higher Education

**101. SUBJECT:** Lower Division and Community College Instructional Problems  
**SITE:** Washington State University, Pullman, Washington  
**DATES:** June 23 - August 15, 1969  
**COST:** $45  
**CREDIT:** 3 semester hours graduate credit  
**CONTACT:** Dr. W.H. Crawford  
Professor of Higher Education

**102. SUBJECT:** The Community College Curriculum  
**SITE:** Whitworth College, Spokane, Washington 99218  
**DATES:** June 9 - July 17, 1969  
**COST:** $60  
**CREDIT:** 5 quarter hours  
**CONTACT:** Roland B. Wurster  
Registrar

**103. SUBJECT:** Workshop on Defining Objectives for Junior College Courses  
**SITE:** Washington State University, Pullman, Washington  
**DATES:** Two weeks, Summer 1969 (write for dates)  
**CONTACT:** Dr. A.A. Canfield, Director  
State Board for Community College Education  
Olympia, Washington

**ADMINISTRATION AND MANAGEMENT COURSES**

**Northeast Region**

**104. SUBJECT:** Selected Administrative Problems for New Directors of Associate Degree Nursing Programs  
**SITE:** New York University, New York, New York 10003
(Administration and Management Courses, cont'd)

105. SUBJECT: Administration of Institutions of Higher Education  
SITE: State University of New York, Albany, New York 12203  
DATES: June 30 - August 14, 1969  
COST: Regular state tuition  
CREDIT: 3 hours  
CONTACT: Hollis Blodgett, Admissions Officer  
School of Education

106. SUBJECT: Crucial Issues in the Administration of Higher Education  
SITE: State University of New York, Albany, New York 12203  
DATES: June 30 - August 14, 1969  
COST: Regular state tuition  
CREDIT: 3 hours  
CONTACT: Hollis Blodgett, Admissions Officer  
School of Education

107. SUBJECT: Problems in the Administration of Higher Education  
SITE: State University of New York, Albany, New York 12203  
DATES: June 30 - August 14, 1969  
COST: Regular state tuition  
CREDIT: 3 hours  
CONTACT: Hollis Blodgett, Admissions Officer  
School of Education

108. SUBJECT: Seminar in the Administration of the Community College  
SITE: State University of New York, Albany, New York 12203  
DATES: June 30 - August 14, 1969  
COST: Regular state tuition  
CREDIT: 3 hours  
CONTACT: Hollis Blodgett, Admissions Officer  
School of Education

109. SUBJECT: Social Revolution and Academic Governance  
SITE: University of Vermont, Burlington, Vermont  
DATES: March 23 - 26, 1969  
COST: $40 (plus room and board)  
CONTACT: Higher Education Executive Associates  
International Inn  
5440 Cass Avenue  
Detroit, Michigan 48202

South Atlantic Region

110. SUBJECT: Administration of Higher Education  
SITE: Catholic University of America, Washington, D.C. 20017  
DATES: June 30 - August 8, 1969  
COST: $135  
CREDIT: 3 semester hours  
CONTACT: Rev. Dr. Thomas J. Taylor  
School of Education
111. SUBJECT: Short Course in College Business Management  
SITE: Catholic University of America, Washington, D.C. 20017  
DATES: June 15 - 20, 1969  
COST: $95  
CREDIT: 2 semester hours  
CONTACT: Dr. Frank B. Pesci  
School of Education

112. SUBJECT: Institute for Junior College Academic Administrators  
SITE: Catholic University of America, Washington, D.C. 20017  
DATES: June 15 - 20, 1969  
COST: $95  
CREDIT: 2 semester hours  
CONTACT: Dr. Frank B. Pesci  
School of Education

Southern Region

113. SUBJECT: Analysis of Business Conditions  
SITE: Texas Southern University, Houston, Texas 77004  
DATES: June 9 - July 18, 1969  
COST: $44 (resident); $118 (non-resident)  
CREDIT: 3 semester hours  
CONTACT: Dean Milton Wilson  
School of Business

114. SUBJECT: Business Policy  
SITE: Texas Southern University, Houston, Texas 77004  
DATES: July 21 - August 29, 1969  
COST: $44 (resident); $118 (non-resident)  
CREDIT: 3 semester hours  
CONTACT: Dean Milton Wilson  
School of Business

115. SUBJECT: Business and Public Policy  
SITE: Texas Southern University, Houston, Texas 77004  
DATES: July 21 - August 29, 1969  
COST: $44 (resident), $118 (non-resident)  
CREDIT: 3 semester hours  
CONTACT: Dean Milton Wilson  
School of Business

North Central Region

116. SUBJECT: Collective Negotiations  
SITE: Western Illinois University, Macomb, Illinois 61455  
DATES: July 7 - 18, 1969  
COST: $35.50 tuition  
CREDIT: 3 quarter hours graduate credit  
CONTACT: Dr. Arnold W. Salisbury  
School of Education

117. SUBJECT: Electronic Educational Data Processing  
SITE: Western Illinois University, Macomb, Illinois 61455
(Administration and Management Courses, cont'd)

DATES: June 30 - July 11, 1969  
COST: $35.50 tuition  
CREDIT: 3 quarter hours graduate credit  
CONTACT: Dr. L. Donald Hahn

118. SUBJECT: School Plant Planning  
SITE: University of Michigan, Ann Arbor, Michigan  
DATES: August 11 - 22, 1969  
CREDIT: 2 hours  
CONTACT: Dr. Russell Wilson  
School of Education

119. SUBJECT: Problems in the Administration of Urban Schools  
SITE: University of Michigan, Ann Arbor, Michigan  
DATES: August 11 - 22, 1969  
CREDIT: 2 hours  
CONTACT: Dr. Frederick Bertolaef  
School of Education

120. SUBJECT: Annual Consultation for New Academic Administrators  
SITE: St. Louis University, St. Louis, Missouri  
DATES: July 6 - 11, 1969  
COST: $300  
CONTACT: Higher Education Executive Associates  
International Inn  
5440 Cass Avenue  
Detroit, Michigan 48202

121. SUBJECT: Caucus for Administrators of Programs for Black Students  
SITE: St. Louis University, St. Louis, Missouri  
DATES: June 16 - 20, 1969  
COST: $250  
CONTACT: Higher Education Executive Associates  
International Inn  
5440 Cass Avenue  
Detroit, Michigan 48202

122. SUBJECT: Organization and Government of Higher Education  
SITE: Marquette University, Milwaukee, Wisconsin  
DATES: June 18 - July 30, 1969  
CREDIT: 3 credit hours  
CONTACT: George F. Donovan  
School of Education

123. SUBJECT: Administration of Vocational and Technical Education  
SITE: University of Wisconsin, Madison, Wisconsin  
DATES: June 23 - July 18, 1969  
COST: $50 or $75  
CREDIT: 2 or 3 credits  
CONTACT: Professor Merle Strong  
School of Education

124. SUBJECT: Leadership Conference - Administrators of Post-Secondary Education  
SITE: University of Wisconsin, Madison, Wisconsin
DATES: July 21 - August 1, 1969
CONTACT: Professor Merle Strong
School of Education

Western Region

125. SUBJECT: Administration of the Junior Community College
SITE: Arizona State University, Tempe, Arizona 85281
DATES: June 16 - July 18, 1969
COST: $48
CREDIT: 3 credit hours
CONTACT: Dr. Donald C. Bridgman
Associate Professor of Higher Education

126. SUBJECT: Role of the Academic Department and Division Chairman
SITE: Hyatt House Hotel, San Francisco, California
DATES: April 24 - 26, 1969
COST: $40 (plus room and board)
CONTACT: Higher Education Executive Associates
International Inn
5440 Cass Avenue
Detroit, Michigan 48202

127. SUBJECT: Summer Workshop for Mid-Level Administrators
SITE: University of California, Berkeley, California
DATES: Write for dates
CONTACT: Dr. Charles Collins, Associate Director
Junior College Leadership Program

128. SUBJECT: Workshop in Community College Administration
SITE: University of Colorado, Boulder, Colorado 80302
DATES: July 21 - August 1, 1969
COST: $15 per credit hour (limited number of stipends available)
CREDIT: 3 semester hours
CONTACT: Dr. Thomas M. Shay, Director
Mountain-Plains Community College Leadership Program

129. SUBJECT: Seminar in Educational Administration: Community College
SITE: University of Hawaii, Honolulu, Hawaii 96822
DATES: June 16 - July 25, 1969
COST: $16 per credit
CREDIT: 3 credit hours
CONTACT: Summer Session Office
2500 Dole Street

130. SUBJECT: Community College Administration
SITE: University of Oregon, Eugene, Oregon 97403
DATES: June 23 - August 15, 1969
COST: $143
CREDIT: 3 hours (additional hours may be taken)
CONTACT: Professor W.L. Van Loan
College of Education
STUDENT PERSONNEL COURSES

Northeastern Region

131. SUBJECT: General Electric Foundation Summer Workshop in Guidance
SITE: Boston University, Boston, Massachusetts 02215
DATES: June 29 - August 9, 1969
COST: Stipends available
CREDIT: 6 credit hours
CONTACT: Dr. Paul McIntire, Director
General Electric Summer Program
College of Basic Studies

South Atlantic Region

132. SUBJECT: Personality Theories in Education
SITE: University of Maryland, College Park, Maryland
DATES: June 23 - August 15, 1969
COST: $30 (resident); $36 (non-resident)
CREDIT: 2 hours
CONTACT: Admissions Office

133. SUBJECT: General Electric Foundation Summer Workshop in Guidance
SITE: University of South Carolina, Columbia, South Carolina 29208
DATES: June 16 - July 25, 1969
COST: Stipends available
CREDIT: 6 credit hours
CONTACT: Dr. Thomas Sweeney, Director
General Electric Summer Program
School of Education

134. SUBJECT: Student Personnel Services in Higher Education
SITE: Catholic University of America, Washington, D.C. 20017
DATES: June 30 - August 8, 1969
COST: $135
CREDIT: 3 semester hours
CONTACT: Dr. Frank B. Pesci
School of Education

Southern Region

135. SUBJECT: General Electric Foundation Summer Workshop in Guidance
SITE: University of Louisville, Louisville, Kentucky 40208
DATES: June 16 - July 25, 1969
COST: Stipends available
CREDIT: 6 credit hours
CONTACT: Dr. Thomas H. Koltveit, Director
General Electric Summer Program
University College

136. SUBJECT: Student Personnel Services in Junior and Senior Colleges
SITE: Baylor University, Waco, Texas 76703
DATES: August 4 - 22, 1969
COST: $75
CREDIT: 3 semester hours
CONTACT: Dr. W. Read Dawson
School of Education
<table>
<thead>
<tr>
<th>Subject</th>
<th>Site</th>
<th>Dates</th>
<th>Cost</th>
<th>Credit</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>137.</td>
<td>Counseling Theory and Practice</td>
<td>Texas Woman's University, Denton, Texas 76204</td>
<td>July 14 - August 21, 1969</td>
<td>$36 (resident); $81 (non-resident)</td>
<td>3 semester hours graduate credit (women only)</td>
</tr>
<tr>
<td>138.</td>
<td>Practicum in Counseling: Junior College</td>
<td>Texas Woman's University, Denton, Texas 76204</td>
<td>June 3 - July 11, 1969</td>
<td>$36 (resident); $81 (non-resident)</td>
<td>3 semester hours graduate credit (women only)</td>
</tr>
<tr>
<td>139.</td>
<td>Practicum in Counseling: Junior College</td>
<td>Texas Woman's University, Denton, Texas 76204</td>
<td>July 14 - August 21, 1969</td>
<td>$36 (resident); $81 (non-resident)</td>
<td>3 semester hours graduate credit (women only)</td>
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<tr>
<td>140.</td>
<td>Principles and Philosophy of Guidance and Student Personnel Services</td>
<td>Texas Woman's University, Denton, Texas 76204</td>
<td>June 3 - July 11, 1969</td>
<td>$36 (resident); $81 (non-resident)</td>
<td>3 semester hours graduate credit (women only)</td>
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</tbody>
</table>

**North Central Region**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Site</th>
<th>Dates</th>
<th>Cost</th>
<th>Credit</th>
<th>Contact</th>
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<tbody>
<tr>
<td>141.</td>
<td>Counseling the College Bound Student</td>
<td>Bradley University, Peoria, Illinois</td>
<td>June 23 - July 3, 1969</td>
<td>$80</td>
<td>2 semester hours</td>
</tr>
<tr>
<td>142.</td>
<td>Community College Student Personnel Services</td>
<td>Northern Illinois University, DeKalb, Illinois 60115</td>
<td>July 7 - August 1, 1969</td>
<td>$27 (resident); $147 (non-resident)</td>
<td>3 credit hours</td>
</tr>
<tr>
<td>143.</td>
<td>Student Personnel Services in Higher Education</td>
<td>Eastern Michigan University, Ypsilanti, Michigan 48197</td>
<td>June 23 - August 1, 1969</td>
<td>$57 (resident); $120 (non-resident)</td>
<td>2 semester hours</td>
</tr>
<tr>
<td>144.</td>
<td>Annual Consultation for New Student Personnel Administrators</td>
<td>St. Louis University, St. Louis, Missouri</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
(Student Personnel Courses, cont'd)

DATES: July 20 - 25, 1969  
COST: $300  
CONTACT: Higher Education Executive Associates  
International Inn  
5440 Cass Avenue  
Detroit, Michigan 48202

145. SUBJECT: Individual Courses Comprising Regular M.S. Program in Student Personnel Services  
SITE: Wisconsin State University, LaCrosse, Wisconsin  
DATES: June 16 - August 8, 1969  
CREDIT: 6 to 8 semester hours  
CONTACT: Dean James E. Erickson  
Graduate College

Western Region

146. SUBJECT: Survey of Student Personnel Services: Nature of Individual Services  
SITE: University of Denver, Denver, Colorado  
DATES: June 23 - July 25, 1969  
COST: $96  
CREDIT: 3 quarter hours  
CONTACT: Miss Barbara Mertz  
School of Education

147. SUBJECT: Student Personnel in Higher Education  
SITE: Washington State University, Pullman, Washington  
DATES: June 23 - August 15, 1969  
COST: $45  
CREDIT: 3 semester hours graduate credit  
CONTACT: Dr. W.H. Crawford  
Professor of Higher Education

NATIONAL SCIENCE FOUNDATION COURSES

The following programs are administered by the National Science Foundation. They are either conducted specifically for the two-year college teacher or are open to him. This training was "created to strengthen the subject matter competence of college (and junior college) teachers of science, mathematics and engineering.... The courses are meant to respond to the generally recognized need of the ... teacher of science for periodic or continual replenishment of his knowledge. Generally, it is not intended that participation in these projects can take the place of regular graduate work." For that reason, reference to academic credits to be earned by taking such courses has been eliminated.

For the majority of projects, the National Science Foundation grant covers the cost of instruction, stipends, and allowances ("...basic stipends are provided to defray living costs for teachers during the period of participation."). Therefore, the usual "COST" category has also been eliminated. Often space is limited and competition is especially keen, so early requests for acceptance is advisable. The NSF publishes an annual guide of all forthcoming short courses and programs. This is available, free of charge, from: The National Science Foundation, Division of Undergraduate Education in Science, 1800 G Street, N.W., Washington, D.C. 20550.
Northeastern Region

148. SUBJECT: Botany
    SITE: Yale University, New Haven, Connecticut 06520
    DATES: June 22 - July 19, 1969
    CONTACT: Dr. Arthur W. Galston
              904 Kline Biology Tower

149. SUBJECT: Experimental Psychology
    SITE: Williams College, Williamstown, Massachusetts 02167
    DATES: June 30 - August 8, 1969
    CONTACT: Dr. Richard O. Rouse
              Department of Psychology

150. SUBJECT: Units of Life: Molecular, Cellular, Developmental, Ecological
    SITE: Drew University, Madison, New Jersey
    DATES: June 16 - July 25, 1969
    CONTACT: Dr. Joy B. Phillips
              Zoology Department

151. SUBJECT: Mathematics
    SITE: Rutgers - The State University, New Brunswick, New Jersey 08903
    DATES: June 16 - August 8, 1969
    CONTACT: Dr. A.A. Austen
              Director of Summer Session

152. SUBJECT: Basic Engineering, Science and Mathematics
    SITE: Clarkson College of Technology, Potsdam, New York 13676
    DATES: June 16 - August 8, 1969
    CONTACT: Dr. Edward T. Misiaszek
              Department of Engineering

153. SUBJECT: Materials Science and Technology
    SITE: Polytechnic Institute of Brooklyn, Brooklyn, New York 11201
    DATES: June 9 - July 18, 1969
    CONTACT: Professor George J. Fischer
              Department of Physical and Engineering Metallurgy

154. SUBJECT: Research Instrumentation
    SITE: Polytechnic Institute of Brooklyn, Brooklyn, New York 11201
    DATES: July 19 - August 9, 1969
    CONTACT: Professor Kenneth R. Jolls
              Department of Chemical Engineering

155. SUBJECT: Instrumental Methods of Analysis (Chemical)
    SITE: Rensselaer Polytechnic Institute, Troy, New York 12181
    DATES: June 23 - August 15, 1969
    CONTACT: Dr. Stephen E. Wiberley
              The Graduate School

156. SUBJECT: Systems Programming for Junior College and College Teachers
    SITE: Pennsylvania State University, University Park, Pennsylvania 16802
    DATES: June 23 - August 22, 1969
    CONTACT: Dr. Alvin R. Grove
              214 Whitmore Laboratory
Radioisotope Technology
Philadelphia College of Pharmacy and Science, Philadelphia, Pennsylvania
July 7 - August 15, 1969
Dr. Grafton D. Chase
Department of Chemistry

Ecology of Estuaries of the Middle Atlantic Coast
University of Delaware, Newark, Delaware 19711
August 17 - 30, 1969
Dr. Harry W. Wells
University of Delaware Marine Lab

Physics
University of Maryland, College Park, Maryland
June 23 - August 15, 1969
Dr. Richard Mead
Department of Physics and Astronomy

Nuclear Principles
North Carolina State University, Raleigh, North Carolina 27607
June 16 - August 1, 1969
Dr. A. Carnesale
Department of Nuclear Engineering

Mathematics
University of North Carolina, Chapel Hill, North Carolina 27514
June 6 - July 15, 1969
Professor Edward A. Cameron
Department of Mathematics

Modern Chemistry
University of North Carolina, Chapel Hill, North Carolina 27514
June 9 - July 18, 1969
Dr. H.D. Crockford
Department of Chemistry

Mycology
University of North Carolina, Chapel Hill, North Carolina 27514
June 9 - 27, 1969
Dr. Lindsay S. Olive
Department of Botany

Polar Studies
Artic Institute of North America, Washington, D.C.
July 1 - August 4, 1969
Dr. T.L. Hills
Department of Geography
McGill University
Montreal, Quebec, Canada

Radioisotopes and Radiation Technology
(National Science Foundation Courses, cont'd)

166. SUBJECT: Nuclear Methods in the Natural Sciences
SITE: Oak Ridge Associated Universities, Oak Ridge, Tennessee 37830
DATES: July 6 - August 29, 1969
CONTACT: Dr. L.K. Akers
School of Civil Engineering and Environmental Science

167. SUBJECT: Radiobiology
SITE: University of Tennessee, Memphis, Tennessee 38103
DATES: June 22 - August 7, 1969
CONTACT: Dr. Howard H. Vogel, Jr.
Department of Radiology, Medical Units

168. SUBJECT: Mathematics
SITE: Vanderbilt University, Nashville, Tennessee 37203
DATES: June 9 - July 18, 1969
CONTACT: Dr. B.F. Bryant
P.O. Box 1595

169. SUBJECT: Activation Analysis
SITE: Texas A&M University, College Station, Texas 77843
DATES: July 14 - August 22, 1969
CONTACT: Dr. James B. Smathers
Department of Nuclear Engineering

170. SUBJECT: Physics
SITE: Texas A&M University, College Station, Texas 77843
DATES: June 2 - August 22, 1969
CONTACT: Dr. D.F. Weekes
Physics Department

171. SUBJECT: Radioisotope Technology
SITE: Texas A&M University, College Station, Texas 77843
DATES: June 2 - July 11, 1969
CONTACT: Dr. Robert G. Cochran
Department of Nuclear Engineering

172. SUBJECT: Modern Physics
SITE: Trinity University, San Antonio, Texas 78212
DATES: August 17 - September 5, 1969
CONTACT: Dr. Charles W. Burmeister
715 Stadium Drive

North Central Region

173. SUBJECT: Radiobiology
SITE: Argonne National Laboratory, Argonne, Illinois 60439
DATES: June 16 - August 1, 1969
CONTACT: Dr. Raymond Brand
Wheaton College
Wheaton, Illinois
(National Science Foundation Courses, cont'd)

174. SUBJECT: Mathematics
    SITE: Illinois State University, Normal, Illinois 61761
    DATES: June 16 - August 22, 1969
    CONTACT: Dr. Charles E. Morris
              Department of Mathematics

175. SUBJECT: Electronics Technology and Machine Design Technology
    SITE: University of Illinois, Urbana, Illinois 61801
    DATES: June 16 - August 9, 1969
    CONTACT: Professor Jerry S. Dobrovolny
              117 Transportation Building

176. SUBJECT: Mathematics
    SITE: University of Illinois, Urbana, Illinois 61801
    DATES: June 17 - September 9, 1969
    CONTACT: Dr. Wilson M. Zaring
              Department of Mathematics

177. SUBJECT: Introductory Quantum Physics: Lecture and Lab
    SITE: University of Kansas, Lawrence, Kansas 66044
    DATES: June 23 - August 15, 1969
    CONTACT: Dr. Gordon G. Wiseman
              Department of Physics

178. SUBJECT: Computer Science
    SITE: University of Missouri, Rolla, Missouri 65401
    DATES: June 9 - August 1, 1969
    CONTACT: Professor Ralph E. Lee
              Computer Science Center

179. SUBJECT: Modern Carbonate Sediments and Related Carbonate Rocks
    SITE: College of Wooster, Wooster, Ohio 44691
    DATES: June 8 - 19, 1969
    CONTACT: Dr. H. Gray Mueter
              Department of Geology

180. SUBJECT: Linear Algebra, Probability and Statistics
    SITE: Oberlin College, Oberlin, Ohio 44074
    DATES: June 16 - August 8, 1969
    CONTACT: Dr. Robert R. Stoll
              Department of Mathematics

181. SUBJECT: History of Biology
    SITE: Ohio State University, Columbus, Ohio 43210
    DATES: June 16 - July 25, 1969
    CONTACT: Dr. Emmanuel D. Rudolph
              Department of Botany

182. SUBJECT: Quantitative Methods in Political Science
    SITE: University of Minnesota, Minneapolis, Minnesota 55455
    DATES: June 16 - July 27, 1969
    CONTACT: Dr. Samuel Krislov
              Department of Political Science
### Western Region

<table>
<thead>
<tr>
<th>Subject</th>
<th>Site</th>
<th>Dates</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desert Biology</td>
<td>Arizona State University, Tempe, Arizona 85281</td>
<td>July 1 - August 9, 1969</td>
<td>Dr. Gordon L. Bender, Department of Zoology</td>
</tr>
<tr>
<td>Electrical Circuits and Devices</td>
<td>California State College, Los Angeles, California 90032</td>
<td>June 23 - August 1, 1969</td>
<td>Dr. Leslie Cromwell, Department of Electrical Engineering</td>
</tr>
<tr>
<td>Macroscopic Quantum Physics</td>
<td>San Diego State College, San Diego, California 92115</td>
<td>June 30 - August 22, 1969</td>
<td>Dr. Herschel R. Snodgrass, Department of Physics</td>
</tr>
<tr>
<td>Linear Algebra for Junior College Teachers</td>
<td>San Jose State College, San Jose, California 95114</td>
<td>June 23 - August 1, 1969</td>
<td>Dr. L.H. Lange, Department of Mathematics</td>
</tr>
<tr>
<td>Probability and Statistics for Junior College Teachers</td>
<td>San Jose State College, San Jose, California 95114</td>
<td>June 23 - August 1, 1969</td>
<td>Dr. L.H. Lange, Department of Mathematics</td>
</tr>
<tr>
<td>Marine Biology</td>
<td>Stanford University, Pacific Grove, California 93950</td>
<td>June 16 - August 23, 1969</td>
<td>Professor David Epel, Hopkins Marine Station</td>
</tr>
<tr>
<td>Field Biology</td>
<td>Colorado State University, Fort Collins, Colorado 80521</td>
<td>June 16 - July 26, 1969</td>
<td>Dr. J. Forbes McClellan, Department of Zoology</td>
</tr>
<tr>
<td>Summer Institute in Anthropology for College Teachers</td>
<td>University of Colorado, Boulder, Colorado 80302</td>
<td>June 16 - August 22, 1969</td>
<td>Dr. Jack Kelso, Coordinator, Summer Institute in Anthropology, Department of Anthropology</td>
</tr>
<tr>
<td>Geology</td>
<td>University of Nevada, Reno, Nevada 89507</td>
<td>August 11 - August 25, 1969</td>
<td>Dr. Joseph Lintz, Mackay School of Mines</td>
</tr>
</tbody>
</table>
(National Science Foundation Courses, cont'd)

192. SUBJECT: Introduction to Modern Algebra and Analysis
SITE: New Mexico State University, Las Cruces, New Mexico 88001
DATES: June 16 - August 8, 1969
CONTACT: Dr. John D. Thomas
        Department of Mathematical Sciences

193. SUBJECT: Water Resources
SITE: University of New Mexico, Las Cruces, New Mexico 88001
DATES: July 9 - July 14, 1969
CONTACT: Dr. Willie P. Isaacs
        Department of Civil Engineering

194. SUBJECT: Chemistry
SITE: Oregon State University, Corvallis, Oregon 97331
DATES: June 23 - August 1, 1969
CONTACT: Dr. B.E. Christensen
        Department of Chemistry

195. SUBJECT: General Biology (including a seminar in College Biology Teaching)
SITE: Oregon State University, Corvallis, Oregon 97331
DATES: June 30 - August 8, 1969
CONTACT: Dr. Henry Van Dyke
        General Science Department

196. SUBJECT: Mathematics
SITE: University of Oregon, Eugene, Oregon 97403
DATES: June 23 - August 15, 1969
CONTACT: Dr. A.F. Moursund
        Department of Mathematics

197. SUBJECT: Physics
SITE: University of Washington, Seattle, Washington 98105
DATES: June 16 - August 15, 1969
CONTACT: Dr. Wilbur V. Johnson, Executive Officer
        Pacific Northwest Association for College Physics

198. SUBJECT: Mathematics
SITE: Western Washington State College, Bellingham, Washington 98225
DATES: June 23 - August 22, 1969
CONTACT: Dr. Paul Rygg
        Department of Mathematics

199. SUBJECT: Physics
SITE: University of Wyoming, Laramie, Wyoming 82070
DATES: June 16 - August 22, 1969
CONTACT: Dr. D.J. Prowse, Chairman
        Physics Department

OTHER COURSES OF INTEREST

Southern Region

200. SUBJECT: Courses in College Curriculum, College Administration, Coordination of Higher Education, Vocational and Technical Education and Student Personnel Services
(Other Courses of Interest, cont'd)

<table>
<thead>
<tr>
<th>SUBJECT: Radiation Biology</th>
<th>SITE: University of California, Berkeley, California 94720</th>
</tr>
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<tbody>
<tr>
<td>DATES: June 23 - August 1, 1969</td>
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<tr>
<td>COST: Atomic Energy Commission Stipend</td>
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<tr>
<td>CREDIT: 9 quarter units (professional units)</td>
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<tr>
<td>CONTACT: Dr. Henry Aceto</td>
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<tr>
<td>Letters and Science Extension</td>
<td></td>
</tr>
</tbody>
</table>

202. SUBJECT: Research Participation in Radiation Biology
SITE: University of New Mexico, Albuquerque, New Mexico
DATES: June 14 - August 15, 1969
COST: Atomic Energy Commission Stipend
CREDIT: 1 - 5 semester hours of graduate credit
CONTACT: Dr. M.L. Riedesel, Director
Department of Biology

203. SUBJECT: Radiation Biology Research Participation
SITE: Oregon State University, Corvallis, Oregon 97331
DATES: June 16 - August 15, 1969
COST: Atomic Energy Commission Stipend
CREDIT: 13 term hours
CONTACT: Dr. David L. Willis
General Science Department

204. SUBJECT: Combined Teach-Study Program (teach one course in discipline; course work in discipline area and philosophy and history of community college)
SITE: Eastern Washington State College, Cheney, Washington
DATES: Third week in June through first week in August
CONTACT: Dr. Boyd Mills
School of Education

Edited by: Debbe Gladstone