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ABSTRACT

This directory is a compilation, by subject matter, of self-instructional materials prepared by instructors who are specialists in each field. Where possible, the listings include the author/instructor, the institution, the target population or specific course name, the package's availability, and its number and title. Listings are solicited from instructors who have prepared similar kits so that an up-dated edition can be published in 1972. (HH)

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Clearinghouse For Junior Colleges

UNIVERSITY OF CALIFORNIA, LOS ANGELES

**A DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS
USED IN THE JUNIOR COLLEGE**

JC 710 219

Compiled and published by
The Danforth Junior College Program, UCLA
and
ERIC Clearinghouse for Junior Colleges, UCLA
Summer 1971

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LOS ANGELES

SEP 29 1971

CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION

DANFORTH DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

This publication is a small but important milestone in the development of more effective learning materials. Throughout the country, instructors in all subject-matter areas are using their skills to develop learning materials that will help the student learn at an individual pace and in an effective manner. It is somewhat surprising to find so many self-instructional materials in the field of English (often considered a subject beyond the scope of learning objectives and auto-tutorial materials) and the Social Sciences. It is an indication of the widespread use of self-instructional materials.

Some of the units cover an entire course, while others deal only with a particular segment of a course. Each learning segment is called a unit and each unit contains from one to fifty or more packages. The units of self-instructional material represent varied instructional modes, extending from paper and pencil to the computer, and an attempt has been made to indicate in this directory the method of instruction employed.

The listing in the Directory is by subject matter. Included on each page is the author, institution (including address and phone number where available), the target population or specific course in which the material is used, the availability of the material, and the number and titles of the individual packages. The information on each page is not always complete because the data received were not uniformly listed.

It is the hope of the UCLA Danforth group and the ERIC Clearinghouse that an up-dated edition will be available in January 1972. To make this possible, all interested persons should submit any information they have on self-instructional materials for inclusion in the 1972 edition. A form is included for this purpose.

Further information regarding the Directory should be directed to:

ERIC Clearinghouse for Junior Colleges
96 Powell Library
University of California
Los Angeles, California 90024

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Special note should be taken of the efforts of M. Stephen Sheldon who carried on the tedious task of pulling together the loose ends and provided the moving spirit that such a project requires.

TABLE OF CONTENTS

SUBJECT	PAGE
ART	1
AUTOMOTIVE	3
AVIATION	8
BIOLOGY	9
BUSINESS	31
CHEMISTRY	45
DRAFTING	52
ECONOMICS	55
EDUCATION	56
ELECTRONICS	57
ENGLISH	68
FRENCH	97
HEALTH	99
HISTORY	100
HOME ECONOMICS	103
MATHEMATICS	106
MECHANICS & TRANSPORTATION	121
NURSING	123
PHYSICAL SCIENCES	127
PHYSICS	128
PSYCHOLOGY	132
SOCIOLOGY	137
TECHNOLOGY	138

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ART

Author H. William Bockus, Jr.

Institution Pasadena City College
1570 E. Colorado Blvd.
Pasadena, Calif. 91106
Phone: (213) 795-6961

Target Population

Title of Course Art 50A, 50B, Advertising Design

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Advertising Graphics



DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ART
Author	Kenneth Y. Smith
Institution	Greenville Technical Education Center Box 5616, Sta. B Greenville, S.C. 29606 Phone: (803) 242-3170
Target Population	
Title of Course	Art 135, Basic Freehand Techniques
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Programed Text
Title of Package(s)	Shades and Shadows

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject AUTOMOTIVE

Author Donald William Patten

Institution Central Carolina Technical Institute
Route 2, Box 55
Sanford, N.C. 27330

Target Population All automotive students

Title of Course

Availability

**Number of Packages
in Instruction Unit** 5

Method of Instruction

Title of Package(s)

1. Battery Post Cleaner
2. Sun Battery Starter Tester
3. Battery Cell Probes
4. Portable Battery Charger
5. General Motors Delcotron Alternator

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject AUTOMOTIVE ELECTRICAL SYSTEMS

Author Claud C. Hunter

Institution Center Piedmont Community College
1141 Elizabeth Ave.
Charlotte, N.C. 28204
Phone: 372-2590

Target Population

Title of Course Automotive Electrical Systems
Automotive Fuel Systems

Availability Contact author for information

**Number of Packages
in Instruction Unit** 20

Method of Instruction Sound-on-slide machine

Title of Package(s)

- | | |
|----------------------------------|---|
| 1. The Chev Ignition System | 11. The Chrysler Alternator |
| 2. The Ford Ignition System | 12. The Solder Practice Program |
| 3. The Dodge 318 Ignition System | 13. The Rochester Single BBI Cam 6 |
| 4. The D.S. (Chev) Generator | 14. The 2 GC Rochester Carburetor |
| 5. The D.C. (Ford) Generator | 15. The 4 GC Rochester Carburetor |
| 6. The Chev Cranking Motor | 16. The Holly Single BBI Program |
| 7. The Ford Cranking Motor | 17. The ABD Carten Program |
| 8. The Dodge Cranking Motor | 18. The 4300 Autolite Carburetor |
| 9. The Ford A.C. Generator | 19. The Rochester Quadrajct
Carburetor |
| 10. The Delcotron Generator | 20. The Ford 2-Barrel Carburetor |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	AUTOMOTIVE ELECTRICAL SYSTEMS
Author	Donald William Patten
Institution	Central Carolina Technical Institute Route 2, Box 55 Sanford, N.C. 27330
Target Population	
Title of Course	Auto 1102 A
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Sun Model "V" Voltmeter

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject AUTOMOTIVE MECHANICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Auto Diesel 3

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 21

Method of Instruction

Title of Package(s)

1. Identifying Carburetor Main Systems—T., F.C., A.C.*	11. Intake and Exhaust Systems, Servicing Components
2. Power Circuits—F.C., A.C.	12. Emission Control Systems
3. Accelerating Pumps—F.C., A.C.	13. The Fuel System
4. Four-Barrel Carburetor—F.C., A.C.	14. Servicing Automotive Batteries—F.S., F.C., A.C.
5. Making Carburetor Adjustments—F.C., A.C.	15. A-C Charging System—F.S.
6. Servicing Carburetor Accessories	16. Primary Ignition Circuits—F.S.
7. Carburetor Overhauling	17. The Secondary Ignition Circuit—F.S.
8. Removing and Installing Carburetors	18. Ignition Distributor—F.C., A.C.
9. Fuel and Vacuum Pumps	19. D-C Charging System—T., F.S.
10. Fuel/Air Filters and Fuel Tanks	20. Cranking Circuit—F.S.
	21. Lighting and Accessory Circuits—F.S.

* T. - Transparencies
F.C. - Flip Charts
A.C. - Audio Cassette
F.S. - Film Strip

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject AUTOMOTIVE MECHANICS

Author William Loukides

Institution Greenville Technical Education Center
P.O. Box 5616, Sta. B
Greenville, S.C. 29606
Phone: 242-3170

Target Population

Title of Course Automotive Mechanics

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Automotive Mechanics



DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	AVIATION MAINTENANCE
Author	Leslie Henderson
Institution	Everett Community College 801 Westmore Everett, Washington 98201 Phone: 259-7151
Target Population	
Title of Course	AVA 60 Aviation Maintenance Technique
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Slide-tape presentation
Title of Package(s)	Operation of Magnaflux Machine

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Earl D. Bean
Institution	Sacramento City College Sacramento, Calif. 95822
Target Population	Undergraduate pre-professional
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Solution Chemical and Bio-Physico-Chemico Characteristics of Cell Transport

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Charles Blake
Institution	Ocean County College Hooper Avenue Toms River, N.J. 08753
Target Population	
Title of Course	Science 161, General Biology 1
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	35 mm slides and tape
Title of Package(s)	The Parts of the Microscope

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Edwin Burling
Institution	De Anza College Cupertino, Calif. 95014
Target Population	Biology majors
Title of Course	
Availability	
Number of Packages in Instruction Unit	1
Method of Instruction	Programed Text
Title of Package(s)	Protein Synthesis

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Gilbert M. Dominguez
Institution	Mt. San Antonio College Walnut, Calif. 91789
Target Population	
of Course	Introductory Biology
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tap
Title of Package(s)	The Origin of Life

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Robert T. Galbraith
Institution	San Bernardino Valley College San Bernardino, Calif. 92403
Target Population	Non-majors in Biology
Title of Course	
Availability	
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. Energy and Life 2. Food Pyramid I 3. Food Pyramid II 4. Food Chains and Webs

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Kenneth Guinasso
Institution	Laney College Oakland, Calif. 94606
Target Population	All biology Students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Ecology (A Sub-Section on Biomes)

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Arthur Harkin
Institution	Foothill College Los Altos Hills, Calif. 94022
Target Population	Anatomy students (first semester)
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tapes, Film strip
Title of Package(s)	Basic Body Regions and Terms of Anatomical Reference

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Jack Kildebeck
Institution	Bakersfield College Bakersfield, Calif. 93305
Target Population	Non-majors in biology
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	Classical Genetics

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	David Kingsley
Institution	Genesee Community College 3837 West Main St. Road Batavia, N.Y. Phone: 343-0055
Target Population	
Title of Course	Biology 100, Principles of Biology
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Biology for Independent Study

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BIOLOGY

Author Mary Leonard

Institution Aquinas Junior College
4210 Harding Road
Nashville, Tenn. 37205
Phone: 297-7545

Target Population

Title of Course General Biology

Availability Contact author for information

**Number of Packages
in Instruction Unit** 3

Method of Instruction

Title of Package(s)

1. The Structure and Function of the Cell and Its Organelles
2. Protozoa
3. Arthropod

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BIOLOGY

Author George L. Moore

Institution American River College
Sacramento, Calif. 95841

Target Population

Title of Course The Cell

Availability Contact author for information

**Number of Packages
in Instruction Unit** 3

Method of Instruction

Title of Package(s)

1. History of the Microscope
2. Cell Theory, Cell Structure and Function
3. Spectrophotometer, Principles, Applications,
and Use

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BIOLOGY

Author Gail Newkirk

Institution Antelope Valley College
Lancaster, Calif. 93534

Target Population

Title of Course Basic Chemical and Physical Processes of
Living Things

Availability Contact author for information

**Number of Packages
in Instruction Unit** 4

Method of Instruction Audio-tape

Title of Package(s)

1. Introduction to Basic Chemistry
2. Discussions and Questions Related to Electrical Charge
3. How to Read a Periodic Table
4. Empirical and Structural Formation

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Charles D. Paige
Institution	Cerritos College Norwalk, Calif. 90650
Target Population	
Title of Course	Ecology
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. Variations and Adaptation 2. Physical Factors of the Environment Part I 3. Physical Factors of the Environment Part II 4. Biotic Factors of the Environment

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Lloyd Pederson
Institution	San Joaquin Delta College Stockton, Calif. 95204
Target Population	
Title of Course	Characteristics of Life; Locomotor Structure of Microorganisms
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Characteristics of Life 2. Locomotor Structure of Microorganisms

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	George Price
Institution	Los Angeles Harbor College Wilmington, Calif. 90744
Target Population	All biology students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. An Introduction to Ecology: Sub-topics-- Characteristics of Life; The Community; Habitat 2. The Ecosystem

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Charles Rulon
Institution	Long Beach City College Long Beach , Calif. 90808
Target Population	All science students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Growth of Human Population

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Monica E. Siegel
Institution	Palo Verde College Blythe, Calif. 92225
Target Population	All botany students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	3
Method of Instruction	
Title of Package(s)	1. The Parts of the Plant 2. The Parts of the Flower 3. The Indented Key

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Darwin Thorpe
Institution	Compton College Compton, Calif. 90221
Target Population	All students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Human Population and the Standard of Living: Part I 2. Human Population and the Standard of Living: Part II

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Suebelle Verity
Institution	Los Angeles Southwest College Los Angeles, Calif. 90047
Target Population	Non-science majors
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. The Metric System 2. The Microscope

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Wilbur L. Walston
Institution	Cypress College Cypress, Calif. 90630
Target Population	Biology majors
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	DNA, RNA, Enzyme Structure and Function

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	David M. Wright
Institution	Porterville College Porterville, Calif. 93257
Target Population	Sophomore paramedical majors
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Terms of Reference in Anatomy

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Thomas Yale
Institution	Bakersfield College Bakersfield, Calif. 93305
Target Population	Biology majors
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. The Gene 2. Duplication of DNA 3. The Need for Intermediate Compounds for Protein Synthesis 4. The Types of RNA

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	Teena Culp
Institution	Mount Olive College Mount Olive, N.C. 28365 Phone: 658-2502
Target Population	
Title of Course	Office Practice 22
Availability	Contact author for information
Number of Packages in Instruction Unit	11
Method of Instruction	
Title of Package(s)	<ol style="list-style-type: none"> 1. Why I Want to Be a Secretary 2. Appropriate Dress and the Secretary's Work Day 3. Mastery of the Typewriter (Executive) 4. Filing 5. Processing Mail 6. Taking and Giving Dictation 7. Composition 8. Superior Telephone Technique 9. Job Interview 10. Special Telephone and Telegraphic Services 11. Handling Details of Meetings

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author George Evans and Mary LeMar

Institution Abraham Baldwin Agric. College
P.O. Box 244, ABAC Rural Station
Tifton, Ga. 31794

Target Population

Title of Course Administrative Office Management

Availability

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Administrative Office Management

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	George Evans and Mary LeMar
Institution	Abraham Baldwin Agric. College P.O. Box 244, ABAC Rural Station Tifton, Ga. 31794
Target Population	
Title of Course	Economics 105
Availability	
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Economics 105

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author George Evans and Mary LeMar

Institution Abraham Baldwin Agric. College
P.O. Box 244, ABAC Rural Station
Tifton, Ga. 31794

Target Population

Title of Course Office Machines

Availability

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Office Machines

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author George Evans and Mary LeMar

Institution Abraham Baldwin Agric. College
P.O. Box 244, ABAC Rural Station
Tifton, Ga. 31794

Target Population All shorthand students

Title of Course

Availability

**Number of Packages
in Instruction Unit** 3

Method of Instruction

Title of Package(s) 1. Shorthand 104
2. Shorthand 105
3. Shorthand 106

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	George Evans and Mary LeMar
Institution	Abraham Baldwin Agric. College P.O. Box 244, ABAC Rural Station Tifton, Ga. 31794
Target Population	All typing students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	3
Method of Instruction	
Title of Package(s)	1. Typing 101 2. Typing 102 3. Typing 103

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

37

Subject BUSINESS

Author William C. Miller

Institution Burlington County College
Pemberton, N.J. 08068
Phone: (609) 894-9311

Target Population

Title of Course Introduction to Business

Availability Contact author for information

**Number of Packages
in Instruction Unit** 4

Method of Instruction

Title of Package(s)

1. Wholesaling
2. Services
3. National Alliance of Businessmen
4. Franchising

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	Dan Mosca
Institution	Person Technical Institution P.O. Box 1175 Roxboro, N.C. 27573 Phone: 599-8306
Target Population	Accounting 121
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	7
Method of Instruction	
Title of Package(s)	1. Merchandise Inventories 2. Prepaid Expenses 3. Prepaid Revenues 4. Accrued Liabilities 5. Accrued Assets 6. Comprehensive Review — Accruals and Deferrals 7. Calculating Depreciation

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author Dan Mosca

Institution Person Technical Institution
P.O. Box 1175
Roxboro, N.C. 27573
Phone: 599-8306

Target Population

Title of Course Business Finance 123

Availability Contact author for information

**Number of Packages
in Instruction Unit** 3

Method of Instruction

Title of Package(s)

1. Business Risks
2. Forms of Ownership
3. Calculating Working Capital

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	Dan Mosca
Institution	Person Technical Institution P.O. Box 1175 Roxboro, N.C. 27573 Phone: 599-8306
Target Population	
Title of Course	Business Law 116
Availability	Contact author for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Personal Property 2. Acquiring Title to Personal Property 3. Bailments — Nature and Termination 4. Ordinary Bailments-Part I 5. Ordinary Bailments-Part II 6. Special Bailments

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author L.L. Roy Smith

Institution Mount Olive College
Mount Olive, N.C., 28365
Phone: 658-2502

Target Population

Title of Course Business 141: Duplicating

Availability Contact author for information

**Number of Packages
in Instruction Unit** 15

Method of Instruction

Title of Package(s)

1. Spirit Duplication of an Appraisal Sheet
2. Spirit Duplication of a Title Page with Border and Blockout Procedure
3. Spirit Duplication of a Payroll Distribution Sheet
4. Spirit Duplication of a "Pie" Graph
5. Spirit Duplication of a Map by Tracing
6. Mimeograph Duplication of Appraisal Sheet
7. Mimeograph Duplication of a French Fold Program
8. Mimeograph Duplication of Personalized Stationery
9. Mimeograph Duplication of a Church Program and the Folding of Same
10. Form Letter with the Inside Address and Greeting Omitted
11. Offset Master of Appraisal Sheet
12. Running Off Appraisal Sheet Offset Masters
13. Offsetting Church Bulletin (with emphasis on centering)
14. Offsetting Xerox Offset Masters
15. Cleaning Ink Rollers on Offset Machine

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author L.L. Roy Smith

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course Business 121: Introduction to Business

Availability Contact author for information

**Number of Packages
in Instruction Unit** 20

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| 1. Setting | 12. Collective Bargaining |
| 2. Capitalism | 13. Production, Distribution, and Location |
| 3. Ownership | 14. Marketing |
| 4. Small Business, Services, and Franchising | 15. Selling, Advertising, and Public Relations |
| 5. Organization | 16. International Trade |
| 6. Permanent Capital Needs | 17. Accounting |
| 7. Operating Capital Needs | 18. Business Research and Computers |
| 8. Capital Sources | 19. Legal Aspects vs. Ethical Responsibilities |
| 9. Business Trends and Developments | 20. Social Responsibilities and the Future |
| 10. Risk Management | |
| 11. Labor | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author L. L. Roy Smith

Institution Mount Olive College
Mount Olive, N. C. 28365
Phone: 658-2502

Target Population

Title of Course Business 131: Problem Solving Using Machines

Availability Contact author for information

Number of Packages in Instruction Unit 30

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. Touch Addition (4 to 9 keys) | 15. Speed Drill |
| 2. Touch Addition (0 to 3 keys non-add) | 16. Chain Discounts Printing Calculator |
| 3. Repeated Digits, Varied Number of Digits | 17. Constant Multiplication |
| 4. Subtraction, Correction of Errors | 18. Division |
| 5. Speed Drill Addition | 19. Speed Drill Addition |
| 6. Sub-Total | 20. Post-Test No. 2 |
| 7. Repeat Addition | 21. Division Remainder in Quotient, Decimals in Quotient, Decimals in Dividend and Division |
| 8. Multiplication | 22. Credit Balances |
| 9. Speed Drill Addition | 23. Interest |
| 10. Post-Test No. 1 | 24. Percentages |
| 11. Short-cut Multiplication, Zeros in Multiplier | 25. Speed Drill Addition |
| 12. Decimals, Fractions, and Percentages | 26. Prorating |
| 13. Fixed Decimal Point | 27. Payroll |
| 14. Discount and Net Amount | 28. Reconciliation of Bank Statements |
| | 29. Speed Drill Addition |
| | 30. Post-Test No. 3 |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author Frances K. Wrape

Institution Central Carolina Technical Institute
Rt. 2, Box 55
Sanford, N. C. 27330

Target Population

Title of Course Office Machines

Availability Contact author for information

**Number of Packages
in Instruction Unit** 4

Method of Instruction

Title of Package(s)

1. Rotary Calculator
2. Ten-Key Adding Machine
3. Full-Key Adding Machine
4. Ten-Key Calculator

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject CHEMISTRY

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Chemistry

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 4

Method of Instruction

Title of Package(s)

1. Atomic Structure
2. Radioactivity and Other Nuclear Phenomena
3. Periodic Table
4. Chemical Reactions

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Earl D. Beau
Institution	Sacramento City College Sacramento, Calif. 95822
Target Population	Science pre-professional courses
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Solution Chemical and Bio-Physico-Chemico Characteristics of Cell Transport

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Anthony J. Rosales
Institution	Cosumnes River College Sacramento, Calif. 95823
Target Population	
Title of Course	Introductory Chemistry
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Audio-tape
Title of Package(s)	Observing and Measuring Program I

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Wanda Sterner
Institution	Cerritos Junior College 11110 E. Alondra Blvd. Norwalk, Calif. 90650 Phone: 860-2451
Target Population	
Title of Course	General Chemistry
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Programed text
Title of Package(s)	Safety in the Laboratory

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Wanda Sterner
Institution	Cerritos Junior College 11110 E. Alondra Blvd. Norwalk, Calif. 90650 Phone: 860-2451
Target Population	
Title of Course	General Chemistry 1.1
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Programed text
Title of Package(s)	Equilibrium Calculations pH-Weak Acids

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Wanda Sterner
Institution	Cerritos Junior College 11110 E. Alondra Blvd. Norwalk, Calif. 90650 Phone: 860-2451
Target Population	
Title of Course	Chemistry 2: Introduction Chemistry
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Programed text
Title of Package(s)	Percents for Chemistry

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject CHEMISTRY

Author Doughbah Yeh-Deyeh

Institution Kittrell College
Kittrell, N.C.

Target Population

Title of Course Chemistry 201, 202

Availability Contact author for information

**Number of Packages
in Instruction Unit** 26

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. Density, Specific Gravity,
A Volume | 12. Oxidation Reduction Reaction |
| 2. Formula Weights, Molecular
Weights, and Moles | 13. Relationship of the Periodic
Classification to the Properties
of the Elements |
| 3. Structure of the Atom and the
Periodic Law | 14. Halogens and Their Compounds |
| 4. Chemical Bonding | 15. Chemical Equilibrium |
| 5. Oxygen and Ozone | 16. Carbon and Its Compounds |
| 6. Hydrogen | 17. Biochemistry |
| 7. The Gaseous State and the
Kinetic Molecular Theory | 18. The Halogens and Their
Compounds, and Electrochemistry |
| 8. Gram-Molecular Volume of
Gases and Molecular, Atomic
and Equivalent Wts. | 19. Identification of Lab Apparatus |
| 9. The Liquid and Solid States and
Water and Hydrogen Peroxide | 20. Lab Safety Rules |
| 10. Solutions | 21. Use of Balances, Measurement of
Mass, Volume, and Length |
| 11. Solutions of Electrolytes—
Electrolytes and non-Electrolytes
and Colloidal Matter | 22. Density and Specific Gravity |
| | 23. Use of the Gas Burner |
| | 24. Melting Points and Boiling Points |
| | 25. Conservation of Matter |
| | 26. Definite Composition |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject DRAFTING

Author Kenneth Y. Smith

Institution Greenville Technical Education Center
P.O. Box 5616, Sta. B
Greenville, S.C. 29606
Phone: (803) 242-3170

Target Population

Title of Course Drafting 135: Basic Freehand
Technical Sketching and Lettering

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Shadows in Design

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	DRAFTING
Author	John D. Terry
Institution	Greenville Technical Education Center P.O. Box 5616, Sta. B Greenville, S.C. 29606 Phone: (803) 242-3170
Target Population	
Title of Course	Drafting 112: Engineering Drawing I
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Learning to Dimension (Part I)

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject DRAFTING

Author Walter Rice

Institution Greenville Technical Education Center
P.O. Box 5616
Greenville, S.C. 29606
Phone: (803) 242-3170

Target Population

Title of Course Drafting 111: Technical Drafting I
Drafting 112: Engineering Drawing I

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Lettering

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ECONOMICS
Author	David C. Scott
Institution	Bakersfield College 1801 Panorama Drive Bakersfield, Calif. 93305 Phone: 871-7120
Target Population	
Title of Course	Economics 1B: Principles of Economics—Macro
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	Aggregate Income Analysis: Packages 1 and 2

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject EDUCATION

Author Mary Ambrose

Institution Aquinas Junior College
Nashville, Tenn. 37205
Phone: 297-7545

Target Population

Title of Course Introduction to Education
Educational Psychology

Availability Contact author for information

**Number of Packages
in Instruction Unit** 5

Method of Instruction

Title of Package(s)

1. Major Influences on Present-Day Education
2. Periods of American Education
3. Basic Function of a Teacher
4. Cultural Backgrounds
5. Qualifications for Teachers

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Individualized Curriculum in Electronics (ICE)

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 5

Method of Instruction

Title of Package(s)

1. How to Teach ICE
2. How to Learn with ICE
3. How to Write (ICE Learning Package)
4. How to Evaluate ICE
5. Shop Safety Precautions

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Occupations

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 6

Method of Instruction

Title of Package(s)

1. Electronics Engineering Technician
2. Electronics Assembler
3. Industrial Electronics Technician
4. Electronics Service Technician
5. Electronics Mechanic
6. Electrical Appliance Serviceman

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Terminology

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 6

Method of Instruction

Title of Package(s)

1. Basic Terminology—Glossary
2. Electrical Energy
3. Circuits in Series
4. Circuits in Parallel
5. Current in Circuits
6. Voltage Polarities

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Instruments

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 11

Method of Instruction

Title of Package(s)

1. Reading Meters
2. Using Meters
3. Basic Meters
4. The VTVM
5. Power Supplies
6. Signal Generators
7. The Oscilloscope
8. Digital Voltmeters
9. Transistor Curve Tracers
10. Frequency Counters
11. Tube Checkers

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject **ELECTRONICS**

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Schematics

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 6

Method of Instruction

Title of Package(s) 1. Basic Symbols
 2. Resister Color Code
 3. Component Identification
 4. Active Device Symbols
 5. Plotting Graphs
 6. Using Electronic Device Graphs

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Devices
Availability	Contact institution for information
Number of Packages in Instruction Unit	12
Method of Instruction	
Title of Package(s)	<ol style="list-style-type: none"> 1. Semi-Conductor Diode 2. Using Diodes 3. The Zener Diode 4. Introduction to Transistors 5. Transistor Characteristics 6. The SCR 7. Tube Diodes 8. The Vacuum Tube Triode 9. Basic Triode Action 10. Triode Parameters 11. Pentode Characteristics 12. The Field Effect Transistor

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Theory--Basics

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 18

Method of Instruction

Title of Package(s)

1. The Nature of Electricity	10. The AC Wave Form
2. Voltage in a Circuit	11. AC Voltage, Current, and Power
3. Resistance and Conductance	12. Basic Transformer
4. Ohm's Law--Basic	13. Inductive Reactance
5. Series Circuits	14. RL Time Constant
6. Magnetic Circuits	15. Capacitive Reactance
7. Basic Inductance	16. R-C Time Constant
8. Capacitor Construction, Color Code, and Tests	17. Decibel Units
9. Capacitors in DC Circuits	18. P-N Junctions

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Circuits

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 54

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Ohm's Law 2. Kirchhoff's Voltage Law 3. Parallel Circuits 4. Conductances in Parallel 5. Kirchhoff's Current Law 6. Power 7. Power in Parallel Circuits 8. Unloaded Voltage Divider 9. Current Divider 10. Thevenin Equivalent 11. Norton's Equivalent 12. Non-Linear Circuits 13. DC Load Line 14. AC Load Line 15. Cathode Load Line 16. Capacitor Coupling 17. The Effect of the Cathode Capacitor on a Circuit 18. Diode Rectifiers, Full-Wave and Half-Wave 19. Loaded Voltage Divider 20. Series Parallel Networks 21. Wheatstone Bridge 22. Delta-Wye Transformation 23. Vector Algebra 24. Phasors 25. Maximum Power Transfer | <ol style="list-style-type: none"> 26. Calculating RC Charge and Discharge Curves 27. High Frequency Response in Tube Circuits 28. Full Wave Bridge Power Supplies 29. Power Supply Filters 30. Transistor Biasing 31. Biasing of Tubes 32. Series AC Circuits 33. Parallel Circuits Admittance 34. Sinusoidal AC Linear Circuits 35. Introduction to Sine Oscillators 36. Series Resonant Circuits 37. Parallel Resonant Circuits 38. "Q" 39. Common Base Amplifier 40. Pentode Amplifiers 41. Transistor Load Lines 42. Frequency Response in Transistor Circuits 43. Attenuators 44. Tuned Transformer Coupling 45. Millman's Theorem 46. Kirchhoff's Loop Analysis 47. Superposition Theorem 48. Filter Networks 49. Complex AC Networks 50. Common Collector Amplifiers 51. Nodal Analysis 52. Multiple Source AC Network Analysis 53. Common Emitter Amplifier 54. Common Emitter Characteristics |
|--|--|

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Diagnosis and Repair

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 5

Method of Instruction

Title of Package(s)

1. Circuit Familiarity in Trouble Shooting
2. Developing Effective Trouble Shooting Techniques
3. Equipment Selection Trouble Shooting
4. Experimental Trouble Shooting
5. Locating Specific Troubles in Trouble

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Construction Techniques

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 8

Method of Instruction

Title of Package(s)

1. Soldering
2. Identification of Hand Tools
3. Hand Grinding Tools
4. Screw-Pitch, Wire, and Sheetmetal Gauge
5. Using the Micrometer
6. Chassis Construction
7. Printed Circuits Lay-Out and Etching
8. Power Drills

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Mathematics

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 8

Method of Instruction

Title of Package(s)

1. Introduction to the Slide Rule
2. Scientific Notations
3. The Slide Rule C and D Scales
4. The Slide Rule A, B, and K Scales
5. Reciprocals/Slide Rule
6. The Slide Rule L Scale
7. The Slide Rule LL L_h Scales
8. The Slide Rule S, T, and ST Scales

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Communication Skills

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 11

Method of Instruction

Title of Package(s)

1. Constructing the Sentence
2. Constructing the Paragraph
3. Constructing the Summary
4. Constructing the Business Letter
5. Constructing the Resume
6. Constructing the Outline
7. Constructing the Letter of Application
8. Constructing the Personal Essay
9. Listening and Notetaking
10. Process Writing--Phase I
11. Process Writing--Phase II

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Irene M. Baines

Institution Kittrell College
Kittrell, N.C. 27544
Phone: 492-2131

Target Population

Title of Course English Survey Course

Availability Contact author for information

**Number of Packages
in Instruction Unit** 17

Method of Instruction

Title of Package(s)

1. Beowulf: A Literary Epic	11. An Introduction to Byron
2. An Introduction to Literature	12. Character Sketches by Thomas Carlyle
3. John Bunyan - Pilgrim's Progress	13. My Last Duchess-- Robert Browning
4. Jonathan Swift - Gulliver's Travels	14. An Introduction to Tennyson
5. An Introduction to Pope	15. A Victorian Variety
6. An Introduction to Wordsworth	16. James Joyce: Portrait of the Artist as a Young Man
7. An Introduction to John Keats	17. Odor of Chrysanthemums
8. Samuel T. Coleridge: A Romantic	
9. The Eve of St. Agnes	
10. Charles Lamb and the Essay	

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Irene M. Baines

Institution Kittrell College
Kittrell, N.C. 27544
Phone: 492-2131

Target Population

Title of Course Black Literature

Availability Contact author for information

**Number of Packages
in Instruction Unit** 6

Method of Instruction

Title of Package(s)

1. An Introduction to Black Literature
2. The Grapevine
3. An Introduction to Richard Wright
4. Negro Characters as Seen by White Authors,
by Sterling Brown
5. An Introduction to James Baldwin
6. A Harlem Group and Poetry

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Robert N. Boll
Institution	Burlington County College Pemberton, New Jersey Phone: 894-9311
Target Population	
Title of Course	College Composition
Availability	Contact author for information
Number of Packages in Instruction Unit	8
Method of Instruction	
Title of Package(s)	1. Choosing a Subject 2. Narrowing a Subject 3. The Thesis Sentence 4. The Outline 5. The Introduction and Conclusion 6. The Title 7. Style 8. Logic

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Howard A. Burton
Institution	Riverside City College 4650 Fairfax Ave. Riverside, Calif. 92506 Phone: 684-3240
Target Population	
Title of Course	English 51-R: Improvement of Reading
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	SRA Preparatory Reading

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author William Roy Colquitt, Jr.

Institution Wayne Community College
Goldsboro, N.C. 27530
Phone: 735-5151

Target Population

Title of Course Modern American Literature

Availability Contact author for information

**Number of Packages
in Instruction Unit** 2

Method of Instruction

Title of Package(s) 1. Robert Frost
2. E. A. Robinson

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Mary Louise Conlin

Institution Cuyahoga Community College
2900 Community College Ave.
Cleveland, Ohio 44115
Phone: 241-5966

Target Population

Title of Course English 091: Essentials of Written Communication

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction Tape/slides

Title of Package(s) Writing Skills - Words and Sentences

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Buford D. Fisher
Institution	John Tyler Community College Chester, Va. 23831 Phone: 748-2221
Target Population	
Title of Course	English Composition
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Writing the Research Paper

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Aileen Fitzpatrick
Institution	Mitchell College Statesville, N.C. 28677
Target Population	
Title of Course	English 101
Availability	Contact author for information
Number of Packages in Instruction Unit	11
Method of Instruction	
Title of Package(s)	<ol style="list-style-type: none"> 1. Topic Sentence 2. Paragraph Pattern 3. Definition Paragraph 4. Spatial Description Paragraph 5. Chronological Description Paragraph 6. Formal Outline for 500-Word Essay 7. Character Sketch Essay (based on literature) 8. Comparison/Contrast Essay 9. Biographical Essay 10. Spelling and Vocabulary (13 weekly packages) 11. Review of Writing Skills

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Aileen Fitzpatrick

Institution Mitchell College
Statesville, N.C. 28677

Target Population

Title of Course English 102, 204

Availability Contact author for information

**Number of Packages
in Instruction Unit** 4

Method of Instruction

Title of Package(s)

1. Short Story Unit (4 packages)
2. Research Unit (7 mini-packages)
3. Drama (4 packages)
4. Poetry (in process, 3-4 packages)

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Roy Hudson
Institution	College of the Desert 43-500 Monterey Palm Desert, Calif. 92260 Phone: 346-8041
Target Population	Any English course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tape
Title of Package(s)	Listening and Writing

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Gene Kerstiens

Institution El Camino College
Via Torrance, Calif. 90506
Phone: 329-6631

Target Population

Title of Course English A, English 1A

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction Cassette tape

Title of Package(s) Spelling Improvement

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Humphrey Lee

Institution Louisburg College
Louisburg, N.C. 27549

Target Population

Title of Course English Composition

Availability Contact author for information

**Number of Packages
in Instruction Unit** 29

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| 1. Orientation | 14. Writing the Narrative Paper |
| 2. The Five Worst Mistakes | 15. Writing the Expository Paper I |
| 3. Writing the Descriptive Paragraph | 16. Writing the Expository Paper II |
| 4. Writing the Narrative Paragraph | 17. Writing the Expository Paper III |
| 5. Writing the Expository Paragraph I | 18. Writing the Expository Paper IV |
| 6. Writing the Expository Paragraph II | 19. Writing the Expository Paper V |
| 7. Writing the Expository Paragraph III | 20. Writing the Expository Paper VI |
| 8. Writing the Expository Paragraph IV | 21. Writing the Argumentative Paper I |
| 9. Writing the Expository Paragraph V | 22. Writing the Argumentative Paper II |
| 10. Writing the Expository Paragraph VI | 23. Orientation II |
| 11. Writing the Argumentative Paragraph I | 24. The Library |
| 12. Writing the Argumentative Paragraph II | 25. Choosing a Topic for Your Term Paper |
| 13. Writing the Descriptive Paper | 26. Developing an Outline |
| | 27. Bibliography |
| | 28. The Form and Practice of Footnoting |
| | 29. Writing the Term Paper |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Humphrey Lee

Institution Louisburg College
Louisburg, N.C. 27549

Target Population

Title of Course English Literature

Availability Contact author for information

**Number of Packages
in Instruction Unit** 13

Method of Instruction

Title of Package(s)

1. The Short Story I
2. The Short Story II
3. The Short Story III
4. The Short Story IV
5. The Short Story V
6. The Short Story VI
7. The Drama I
8. The Drama II
9. Poetry I
10. Poetry II
11. Poetry III
12. Poetry IV
13. *Brave New World*

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Martha Linney

Institution Mitchell College
Statesville, N.C.
Phone: 873-9511

Target Population

Course English 101-102

Contact author for information

**Number of Packages
in Instruction Unit** 16

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| 1. The Old English Period | 11. Songs and Sonnets--Elizabethan Lyric |
| 2. Beowulf | 12. Shakespeare-- <i>Hamlet</i> and <i>King Lear</i> |
| 3. The Middle English Period | 13. Metaphysical Poetry, Cavalier Poets, and Stuart and Commonwealth Prose |
| 4. The English Ballad | 14. John Milton, His Life and Works |
| 5. The Medieval Romance | 15. Introduction to Neoclassicism |
| 6. Geoffrey Chaucer No. 1 | 16. Jonathan Swift and Alexander Pope |
| 7. Geoffrey Chaucer No. 2 | |
| 8. Sir Thomas Malory | |
| 9. The Brave New World and After | |
| 10. The Early English Drama and Roots of Shakespeare's Theatre | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Martha Linney

Institution Mitchell College
Statesville, N.C.
Phone: 873-9511

Target Population

Title of Course English 201-202

Availability Contact author for information

**Number of Packages
in Instruction Unit** 13

Method of Instruction

Title of Package(s)

- | | |
|--|----------------------------|
| 1. The English Novel | 7. Samuel Taylor Coleridge |
| 2. Johnson and His Circle | 8. Lord Byron I |
| 3. Revolution and Romance:
Introduction and James Thomson | 9. Lord Byron II |
| 4. Oliver Goldsmith, Thomas Gray,
William Cowper | 10. Percy Bysshe Shelley |
| 5. Robert Burns and William Blake | 11. John Keats |
| 6. William Wordsworth | 12. Alfred Lord Tennyson |
| | 13. Robert Browning |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Aurelia C. Morrow
Institution	Greenville Technical Education Center Box 5616, Sta. B Greenville, S.C. 29606
Target Population	
Title of Course	English I
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Learning the Preposition

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Seymour Prog
Institution	Rio Hondo College 3600 Workman Mill Road Whittier, Calif. 90608 Phone: 692-0921
Target Population	
Title of Course	English 53: Fundamentals of Reading
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tapes and workbooks
Title of Package(s)	Phonics Program

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Benson R. Schulman
Institution	Los Angeles Pierce College Woodland Hills, Calif. 91364 Phone: 347-0551
Target Population	
Title of Course	English Composition
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	English Composition: An Individualized Course

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH	
Author	Edith Vann	
Institution	Mount Olive College Mount Olive, N.C. 28365 Phone: 658-2502	
Target Population		
Title of Course	English 100: Remedial English	
Availability	Contact author for information	
Number of Packages in Instruction Unit	26	Composition/Reading A. Formulating the Thesis Statement B. Writing the Introduction and Conclusion C1. The Topic Sentence C2. The Topic Sentence and the Paragraph/Readings D. Developing Through Example, Anecdote, and Other Illustration E1. Linking Your Thoughts Together Effectively E2. Paragraph Coherence F. Developing Paragraphs by Use of Specific Details G. Developing Through Comparison and Contrast H1. The Expository Paragraph: Definition H2. Developing Through Definition and Analysis I. Developing Through Reasoning and Evidence J. Choosing the Right Word K. Making Effective Sentences <hr/> 21. Dashes, Colons, and Parentheses 22. Use of Quotation Marks and Italics 23. Use of Quotation Marks and Italics 24. Apostrophes 25. Hyphens 26. Capitalization
Method of Instruction		
Title of Package(s)		
	1. Basic Sentence Parts and Major Parts of Speech 2. Basic Sentence Patterns 3. Phrases 4. Compound and Complex Patterns 5. Recognizing the Sentence Unit 6. Tense 7. Voice and Mood of Verbs 8. Voice and Mood of Verbs 9. Subject-Verb Agreement 10. Pronouns and Case of Pronouns 11. Pronouns and Case of Pronouns 12. Modifiers 13. Omitted Parts 14. Mixed and Illogical Constructions 15. Wordiness 16. Coordination, Parallelism, Subordination 17. End Punctuation 18. Commas with Semicolons in Compound Elements 19. Commas with Subordinate Elements 20. Commas with Added Sentence Parts	

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Edith Vann

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course English 101

Availability Contact author for information

**Number of Packages
in Instruction Unit** 17

Method of Instruction

Title of Package(s)

1. Grammar/Usage
2. Recognizing the Sentence Unit
3. Faulty Parallelism and Dangling or Misplaced Modifiers
4. Shifts in Subjects and Verbs and Incomplete Constructions
5. Verbs
6. Pronouns and Case of Pronouns
7. Subject-Verb Agreement
8. Mixed and Illogical Constructions
9. Modifiers, Confusion of Adjective and Adverb
10. Glossary of Usage
11. Commas and Semicolons
12. Punctuation (End) and Abbreviations
13. Dashes, Colons, and Parentheses
14. Use of Quotation Marks and Italics
15. Apostrophes
16. Capitalization
17. Hyphens

- Composition**
- A. Prewriting
 - A1. Formulating the Thesis Statement
 - B. Sources
 - B1. Analogy
 - B2. Classifications
 - C. Patterns of Organization
 - D. The Outline
 - VII A. Expressing Ideas: Paragraphs—Compositions in Miniature
 - VII B. Effective Sentences, Diction
 - VIII A. Interpreting Literature - Package A, Biography
 - B. Interpreting Literature - Package B, Essays
 - C. The Lord of the Flies
 - D. Short Stories

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author William B. Wiley

Institution Riverside City College
3650 Fairfax
Riverside, Calif. 92506
Phone: 684-3240

Target Population

Title of Course English 50A: Basic Composition

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Basic Sentence Correctness

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author George J. Wilkerson

Institution John Tyler Community College
Chester, Va. 23831
Phone: 748-2221

Target Population

Title of Course English 12: Freshman Composition

Availability Contact author for information

**Number of Packages
in Instruction Unit** 8

Method of Instruction

Title of Package(s)

1. Introduction to Short Story Analysis
2. Imagery and Language
3. The Setting
4. Character
5. Point of View
6. The Plot
7. The Conclusion
8. Summary and Thesis

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author George J. Wilkerson

Institution John Tyler Community College
Chester, Va. 23831
Phone: 748-2221

Target Population

Title of Course English 101, 111, Communications

Availability Contact author for information

**Number of Packages
in Instruction Unit** 5

Method of Instruction

Title of Package(s)

1. Analogy and Example
2. Sign and Cause
3. Inference Making
4. Errors in Reasoning
5. Bypassing and Connotation

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Arnold L. Wright

Institution Louisburg College
Louisburg, N.C. 27549

Target Population

Title of Course English Literature 221

Availability Contact author for information

**Number of Packages
in Instruction Unit** 14

Method of Instruction

Title of Package(s)

- | | |
|-------------------------------------|--------------------------------------|
| 1. Introduction to Middle Ages | 8. Topics in Medieval Literature |
| 2. Beowulf | 9. Introduction to Sixteenth Century |
| 3. Chaucer | 10. Spenser |
| 4. Sir Gawaine and the Green Knight | 11. Shakespeare |
| 5. The Second Shepards' Play | 12. John Donne |
| 6. Everyman | 13. John Milton |
| 7. Popular Ballads | 14. Jonathan Swift |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Arnold L. Wright

Institution Louisburg College
Louisburg, North Carolina 27549

Target Population

Title of Course English Literature 222

Availability Contact author for information

**Number of Packages
in Instruction Unit** 11

Method of Instruction

Title of Package(s)

1. Introduction to the Romantic Period
2. William Wordsworth
3. Samuel Taylor Coleridge
4. John Keats
5. Topics in Romantic Literature
6. Introduction to Victorian Period
7. Charles Dickens
8. Thomas Hardy, Novelist
9. Robert Browning
10. Alfred Lord Tennyson
11. T. S. Eliot, Poet

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author James A. Williams

Institution Louisburg College
Box 935
Louisburg, N.C. 27549
Phone: 496-4529

Target Population

Title of Course English 101, English Literature

Availability Contact author for information

**Number of Packages
in Instruction Unit** 19

Method of Instruction

Title of Package(s)

1. Punctuation	11. Subordination
2. Process Theme	12. Classification Theme
3. Fragments, Run-on, Splices	13. Coherence
4. Description Theme	14. Definition Theme
5. Case	15. Parallelism
6. Exemplifications Theme	16. Argumentation
7. Subject-Verb Agreement	17. Essays I
8. Contrast Theme	18. Essays II
9. Unity	19. Essays III
10. Analogy Theme	

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Mary Jane Yarborough

Institution Central Carolina Technical Institute
Box 55, Kelly Drive
Sanford, N.C. 27330
Phone: 775-5401

Target Population

Title of Course Beginning English

Availability Contact author for information

**Number of Packages
in Instruction Unit** 16

Method of Instruction

Title of Package(s)

1. Reading a Paragraph	10. How to Read in Social Sciences
2. Using Context Clues	11. How to Use an Index
3. How to Use a Textbook	12. How to Read a "Pie" Chart
4. How to Read About Psychology	13. How to Read Diagrams and Charts
5. Learning Word Parts (2)	14. Pronouncing Words by Sound
6. How to Read a Table of Contents	15. How to Read a Newspaper
7. Using the Sounds of Language	16. How to Read on Technical Subjects
8. How to Preview a Chapter	
9. How to Read on Business Subjects	

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author John Clingman Young, Jr.

Institution Mitchell College
Statesville, N.C. 28677

Target Population

Title of Course English 101, 102

Availability Contact author for information

**Number of Packages
in Instruction Unit** 10

Method of Instruction

Title of Package(s)

1. Spelling Skills—Using the Apostrophe
2. Capitalization, Hyphenation, Verb Agreement
3. Case Forms, Pronouns, Comparisons, Confused Words, Informal and Substandard Usage
4. Misused Modifiers, Pronoun Reference, Coherence, Parallelism
5. Mixed Sentence Structure, Fragments, Comma Splices and Fused Sentences, Commas (Three Rules)
6. Commas (Four Rules), Unnecessary Commas, Dashes and Parentheses
7. Enjoying Fiction—Short stories, Part I
8. Enjoying Fiction—Short stories, Part II
9. Exploring Drama and Reading Plays: Dramatic Criticism—Aristotle's *Poetics*
10. Library Skills—Using the *Book Review Digest*

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject FRENCH

Author Canzada Woods

Institution John Tyler Community College
P.O. Drawer "T"
Chester, Va. 22821
Phone: 748-2221

Target Population

Title of Course French 101, 102, 103

Availability Contact author for information

**Number of Packages
in Instruction Unit** 4

Method of Instruction

Title of Package(s)

1. How to Tell Time in French
2. The Greetings and the Verb "Aller"
3. Weather: Using the Verb "Faire"
4. Self-Instructional Packages for
Lessons 1-33

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	FRENCH
Author	Canzada Woods
Institution	John Tyler Community College P.O. Drawer "T" Chester, Va. 23821 Phone: 748-2221
Target Population	
Title of Course	French 201, 202, 203
Availability	Contact author for information
Number of Packages in Instruction Unit	200
Method of Instruction	
Title of Package(s)	French, 200 packages on reflexive verbs, verbs that take "Etre," irregular verbs, pronouns, prepositions, etc.

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	HEALTH
Author	Bernard Murphy and Richard Gilliland
Institution	Santa Fe Junior College 723 W. University Ave. Gainesville, Fla. 32601 Phone: 378-5311
Target Population	Any health course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Audio-tutorial
Title of Package(s)	Audio-Tutorial Laboratory

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject HISTORY

Author J. Oscar Stradley

Institution Mitchell College
Statesville, N.C. 28677

Target Population

Title of Course United States History

Availability Contact author for information

**Number of Packages
in Instruction Unit** 31

Method of Instruction

Title of Package(s)

- | | |
|---|--|
| 1. The New World Beginnings, and English Colonization | 16. The Ordeal of Reconstruction |
| 2. The Duel for North America | 17. Grantism and Republican Rule, 1869-1880 |
| 3. The Road to Revolution | 18. Personalities, Politics, and Reform, 1880-1889 |
| 4. America Secedes from the Empire | 19. Industry, and New Social and Cultural Horizons, 1865-1900 |
| 5. The Confederation and the Constitution | 20. The Agricultural Revolution, and the Revolt of the Debtor, 1865-1900 |
| 6. The Federalist, and Jeffersonian Democracy | 21. The Path of Empire, 1899-1909 |
| 7. Madison and the Upsurge of Nationalism | 22. Roosevelt and Taft |
| 8. The Emergence of Jacksonian Democracy | 23. Woodrow Wilson and the Road to World War I |
| 9. Jacksonian Democracy, and Manifest Destiny | 24. The War to End War, 1917-1918 |
| 10. The Revolution in Industry and Transportation, 1790-1860 | 25. Making and Breaking the Peace —and the Mirage of Normalcy |
| 11. Population, Religion, Education, and Social Reform, 1790-1860 | 26. The Jazz Age and the Onset of the Depression |
| 12. Slavery, and the Sectional Struggle | 27. The New Deal and Foreign Affairs |
| 13. Drifting Toward Disunion, 1854-1861 | 28. America in World War II |
| 14. The War for Southern Independence | 29. Truman and the Cold War |
| 15. Behind the Lines: North and South | 30. Korea and the Eisenhower Era |
| | 31. New Frontiersmen and the Potomac |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject HISTORY

Author Stephen G. Herman

Institution Mitchell College
Statesville, N.C. 28677
Phone: (704) 872-5095

Target Population

Title of Course Civilization 101, 102

Availability Contact author for information

**Number of Packages
in Instruction Unit** 18

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. What Is History? | 12. Thought, and Absolute Monarchy |
| 2. The Prehistoric Period | 13. Development of Constitutional Monarchy (England) |
| 3. The Advent of Civilization | 14. Rise of Prussia and Russia as States |
| 4. Greek Civilization | 15. The Wars of the Despots |
| 5. Rome | 16. Rise of England as the Dominant Colonial Power |
| 6. The Rise of Christianity/
The Decline of Rome/
The Germanic Migrations | 17. The French Revolution |
| 7. Byzantine Empire | 18. Europe—1815 to 1914 (a topical unit surveying the major movements and trends of the period) |
| 8. Moslem Civilization | |
| 9. The Feudal Structure | |
| 10. A Review Unit | |
| 11. The Emergence of the Modern Age—
Science | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject HISTORY

Author Claude Moore

Institution Mount Olive College
Mount Olive, North Carolina 28365
Phone: 658-2502

Target Population

Title of Course History of North Carolina

Availability Contact author for information

**Number of Packages
in Instruction Unit** 14

Method of Instruction

Title of Package(s)

1. The Natural Setting and Native Peoples of North Carolina
2. Exploration and Discoveries Along the Atlantic Coast and the Attempt at Settlement in North Carolina
3. North Carolina Under the Lords Proprietors, 1663-1729
4. Colonial Houses and Buildings in North Carolina
5. The Coming of the Highlanders, Scotch-Irish and Germans, 1729-1775
6. North Carolina Under Royal Rule, 1730-1776
7. Agriculture, Industry, Slavery, Trade, and Transportation, 1729-1776
8. Religious and Cultural Development of North Carolina 1730-1776
9. The Causes of the American Revolution
10. North Carolina in the American Revolution
11. North Carolina 1783-1800
12. North Carolina During the Jefferson, Madison, and Monroe Administrations
13. North Carolina Dominated by Planters, 1824-1835
14. Progress in North Carolina, 1835-1860

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject HOME ECONOMICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course General Home Economics

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 6

Method of Instruction

Title of Package(s)

1. Let Washday Sparkle
2. Let It Rain
3. Eye-Foolers
4. Shop-Wise Appliance Guide
5. Super Food Shopper
6. Happy Mealtimes

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject HOME ECONOMICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Child Care

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 6

Method of Instruction

Title of Package(s)

1. Your Food Dollars
2. Planning for Spending
3. Maintaining Your Home
4. Beautifying the Setting
5. Childproofing Your Home
6. Shopping for Bargains

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	HOME ECONOMICS
Author	Connie Warch
Institution	Fullerton Junior College 321 E. Chapman Fullerton, Calif. 92634 Phone: 871-8000
Target Population	
Title of Course	Clothing 1A
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Video-tape
Title of Package(s)	Clothing Video-tape Series

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS	
Author		
Institution	Lane Community College Eugene, Ore. 97405	
Target Population		
Title of Course	Elementary Algebra	
Availability	Contact institution for information	
Number of Packages in Instruction Unit	32	
Method of Instruction	Audio-tapes	
Title of Package(s)		
1. Sets and Whole Numbers	18. Addition and Subtraction of Fractional Expressions	
2. Numerals and Binary Operations	19. Introduction to Negative Exponents	
3. Numeral Expressions and Order of Operations	20. Multiplication of Algebraic Expressions	
4. Variables and Variable Expressions	21. Factoring Algebraic Expressions	
5. Introduction to Equations	22. Operations with Fractional Expressions	
6. Properties of Whole Numbers: Part I	23. Solving Equations: First Degree and Quadratic	
7. Properties of Whole Numbers: Part II	24. Solving Equations: Fractional and Absolute Values	
8. Whole Numbers Used as Exponents	25. Solving Inequalities	
9. The Set of Integers	26. Introduction to Radicals and Fractional Exponents	
10. Addition and Subtraction of Integers	27. Operations with Radical Expressions	
11. Multiplication and Division of Integers	28. Using the Quadratic Formula	
12. Simplifying Numerical Expressions Containing Integers	29. Ordered Pairs and Graphing Linear Equations	
13. Simplifying Variable Expressions	30. Graphing Absolute Value and Quadratic Equations	
14. The Fractional Form and Meaning of Rational Numbers	31. Solving Systems of Linear Equations	
15. The Set of Real Numbers	32. Introduction to Relations and Functions	
16. Basic Properties of Fractional Expressions		
17. Multiplication and Division of Fractional Expressions		

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Intermediate Algebra

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 20

Method of Instruction Audio-tapes

Title of Package(s)

1. Introduction to Sets	11. Relations and Functions
2. Graphs of the Number Line	12. The Linear Functions
3. Review of Field Properties: Part I	13. The Quadratic Function
4. Review of Field Properties: Part II	14. Conic Sections
5. Factoring	15. Inverse Functions
6. Fractions	16. Exponential Functions
7. Exponents	17. Properties of Logarithms
8. Radicals	18. More on Solution Sets of Equations and Inequalities
9. Solution Sets of Linear Equations	19. Determinants and Systems of Linear Equations
10. Solution Sets of Quadratic Equations	20. Systems of Equations

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Roy Lee Bass

Institution Kittrell College
Kittrell, N.C. 27544
Phone: 492-2131

Target Population

Title of Course Math 101, Elementary Algebra

Availability Contact author for information

**Number of Packages
in Instruction Unit** 22

Method of Instruction

Title of Package(s)

- | | |
|--|---|
| 1. Properties of the Real Numbers | 12. Verbal Problems—Motion |
| 2. Mathematical Symbols | 13. Verbal Problems—Geometric |
| 3. Addition of Signed Numbers | 14. Rectangular Coordinate—Terms |
| 4. Subtraction of Signed Numbers | 15. Rectangular Coordinate—Slope
and Intercept |
| 5. Multiplication of Signed Numbers | 16. Rectangular Coordinate—Graphing |
| 6. Division of Signed Numbers | 17. Equations Having Two Variables |
| 7. Identity Equations | 18. Word Problems—Two Variables |
| 8. Open Equations and Operational
Theorems | 19. Multiplications of Polynomials |
| 9. Removing Parentheses | 20. Factoring Polynomials |
| 10. Verbal Problems—Mixture
and Number | 21. Algebraic Fractions |
| 11. Verbal Problems—Age and
Consecutive Numbers | 22. Fractional Equations and
Complex Fractions |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Roy Lee Bass

Institution Kittrell College
Kittrell, N.C. 27544
Phone: 492-2131

Target Population

Title of Course Math 192, College Algebra

Availability Contact author for information

**Number of Packages
in Instruction Unit** 5

Method of Instruction

Title of Package(s)

1. Quadratic Equations—Method of Solving
2. Radicals and Exponents
3. Matrices and Determinants
4. Logarithms
5. Graphs of Quadratic Equations

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	William B. Blanchard
Institution	Chaffey College 5885 Haven Ave. Alta Loma, Calif. 91701 Phone: (714) 987-1737
Target Population	
Title of Course	Math 60, Basic Slide Rule
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Slides and tapes
Title of Package(s)	Beginning Slide Rule

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	William B. Blanchard
Institution	Chaffey College 5885 Haven Ave. Alta Loma, Calif. 91701 Phone: (714) 987-1737
Target Population	
Title of Course	Math 5, Review of Arithmetic
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Slides and tapes
Title of Package(s)	Review of Arithmetic

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	Ralph Brown, Jr.
Institution	Southwest Virginia Community College Richlands, Va. 24641
Target Population	
Title of Course	General College Math Introductory Math Analysis
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	General College Math III

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Caroline Castello

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course Math 53, Intermediate Algebra

Availability Contact author for information

**Number of Packages
in Instruction Unit** 14

Method of Instruction

Title of Package(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Sets of Numbers 2. Operations with Signed Numbers 3. Properties of Real Numbers 4. Algebra Expressions:
An Introduction 5. Addition and Subtraction of
Monomials 6. Exponents 7. Multiplication, Division, Raising to | <ol style="list-style-type: none"> Powers, and Extracting Roots of
Monomials 8. Operations with Polynomials 9. Special Products and Factoring 10. Linear Equations 11. Radicals 12. Quadratic Equation 13. Algebraic Fractions 14. Fractional Equations |
|--|---|

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Jimmy Foster

Institution Central Carolina Technical Institute
Route 2, Box 55
Sanford, N.C. 27330

Target Population

Title of Course Math 1101

Availability Contact author for information

**Number of Packages
in Instruction Unit** 24

Method of Instruction

Title of Package(s)

- | | |
|---|--|
| 1. Adding and Subtracting Whole Numbers | 9a. Metric System |
| 2. Multiplying and Dividing Whole Numbers | 10. Percentage |
| 3. Adding and Subtracting Fractions (Like Denominators) | 11. Percentage |
| 4. Adding and Subtracting of Mixed Numbers | 12. Ratio |
| 5. Multiplying Fractions | 13. Proportion |
| 6. Division of Fractions | 14. Pulley Speeds and Diameters |
| 7. Calculating Length of Bent Pieces of Metal | 15. Gear Trains |
| 8. Adding and Subtracting Decimal Fractions | 16. Exponents |
| 9. Multiplying and Dividing with Decimals | 17. Square Roots |
| | 18. Areas of Squares and Rectangles |
| | 19. Areas of Parallelograms and Trapezoids |
| | 20. Triangles |
| | 21. Circles |
| | 22. Cylinders |
| | 23. Review |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	William Hemmer and Robert Evans
Institution	Grossmont College 8800 Grossmont College Drive El Cajon, Calif. 92020 Phone: (714) 465-1700
Target Population	
Title of Course	Math 105, Beginning Algebra
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Beginning Algebra

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	Jean Lesslie
Institution	Greenville Technical Education Center Box 5616, Sta. B Greenville, S.C. 29606 Phone: 242-3170
Target Population	
Title of Course	Math I, Basic Mathematics
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Addition with Dollars and Cents

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	Robert O. Maier
Institution	El Camino College Via Torrance, Calif. 90506
Target Population	
Title of Course	Math 7, Elementary Probability and Statistics
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	SID on Calculating Correlation Coefficient 1. Instruction Package 2. Check Point Package

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Gene B. Mercer

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course Math 103, College Algebra

Availability Contact author for information

**Number of Packages
in Instruction Unit** 15

Method of Instruction

Title of Package(s)

- | | |
|--|---|
| 1. Sets and Set Operations | 8. Solving Inequalities |
| 2. Number Systems | 9. Solving Systems of Equations
in Two Unknowns |
| 3. Properties of the Real Number
System | 10. Determinants and Cramer's Rule |
| 4. Functions | 11. Solving Systems of Equations in
Three Unknowns |
| 5. Solving Equations: Simple
Equations, Fractional Equations,
and Formulas | 12. Linear Programming |
| 6. Solving Quadratic Equations by
Factoring and the Quadratic
Formula | 13. Mathematical Induction |
| 7. Solving Equations Containing
Radicals | 14. The Binomial Theorem |
| | 15. Arithmetic and Geometric
Progressions |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Gene Mercer and Caroline Castello

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-4003

Target Population

Title of Course Math 104, Trigonometry

Availability Contact author for information

**Number of Packages
in Instruction Unit** 13

Method of Instruction

Title of Package(s)

<ol style="list-style-type: none"> 1. The Six Trigonometric Functions 2. Trigonometric Functions of Positive Acute Angles 3. Applications of Trigonometry 4. Vectors and Polar Coordinates 5. Finding Values of Functions of Any Angle 6. Law of Sines and Cosine Law 	<ol style="list-style-type: none"> 7. Measure of Angles in Terms of Radians 8. Graphs of Trigonometric Functions 9. Inverse Trigonometric Functions 10. Trigonometric Identities 11. Solving Trigonometric Equations 12. Special Trigonometric Formulas 13. Complex Numbers in Trigonometric Form
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DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	R. T. Roper, Jr.
Institution	Greenville Technical Education Center Greenville, S.C. 29606
Target Population	Technical and industrial students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Prime Numbers Under One Hundred

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

121

Subject MECHANICS & TRANSPORTATION

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Airframe

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 18

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. Wood Structures | 11. Aircraft Instrument Systems |
| 2. Aircraft Covering | 12. Communication and Navigation
Systems |
| 3. Aircraft Finishes | 13. Aircraft Fuel Systems |
| 4. Sheet Metal Structures | 14. Aircraft Electrical Systems |
| 5. Welding | 15. Position and Warning Systems |
| 6. Assembly and Rigging | 16. Ice and Rain Control Systems |
| 7. Airframe Inspection | 17. Fire Protection Systems |
| 8. Aircraft Landing Gear Systems | 18. Return to Service Diversified
Projects |
| 9. Hydraulic and Pneumatic Power
Systems | |
| 10. Cabin Atmosphere Control
Systems | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MECHANICS & TRANSPORTATION

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Aviation Maintenance Technician General 1,2,3

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 10

Method of Instruction

Title of Package(s)

1. Mechanic's Privileges
2. Maintenance Publications
3. Maintenance Forms
4. Aircraft Drawings
5. Weight and Balance
6. Fluid Lines and Fittings
7. Materials and Processes
8. Corrosion Control and Cleaning
9. Ground Operation and Servicing
10. Basic Electricity

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject NURSING

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Fundamentals of Nursing

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 10

Method of Instruction

Title of Package(s)

- | | |
|---|--------------------------------------|
| 1. Introduction to Course | 5. Activity, Rest plus Sleep |
| 2. Communication | 6. Metabolism |
| Part A: Medical | Part A: Elimination |
| Part B: Interpersonal | Part B: Nutrition and
Oxygenation |
| 3. Safety | 7. Community Resources |
| Part A: Physical Environmental
and Medical Asepsis | 8. Diagnosis |
| Part B: Surgical Asepsis | 9. Operative Care |
| 4. Hygiene and Comfort | Part A: Pre- and Intra-Operative |
| Part A: Hygiene | Part B: Post-Operative |
| Part B: Comfort | 10. Fluids and Electrolytes |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	NURSING
Author	Pauline C. Ashley
Institution	A D Nursing Southeastern Community College Whitville, N.C. 28472 Phone: (919) 642-7141
Target Population	
Title of Course	Trends in Nursing
Availability	Contact author for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Education for Nursing 2. Fields of Work for the Technical Nurse 3. Organization for Patient Care and Supervision of Auxiliary Workers 4. Legislation and Legal Control of Nursing 5. Nursing Organizations 6. The Future of Nursing Practice

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject NURSING

Author Betty Haarstick

Institution College of the Desert
43-500 Monterey Ave
Palm Desert, Calif. 92260
Phone: 346-8041

Target Population

Title of Course Nursing I, Fundamentals of Nursing

Availability Contact author for information

**Number of Packages
in Instruction Unit** 11

Method of Instruction

Title of Package(s)

1. Administration of Oral Medications
2. Application of Elastic Bandage
3. Application of a Scultetus Binder
4. Application of Sterile Gloves
5. Crutch Walking
6. Measurement of Arterial Blood Pressure
7. Measurement of Body Temperature
8. Measurement of Pulse
9. Measurement of Respirations
10. Needles
11. Syringes

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject NURSING

Author Hazel J. Womble

Institution Florida Junior College at Jacksonville
Jacksonville, Fla.
Phone: 781-5891

Target Population

Title of Course Fundamentals of Nursing

Availability Contact author for information

**Number of Packages
in Instruction Unit** 13

Method of Instruction

Title of Package(s)

1. Enema Administration
2. Application of Ace Bandage
3. Reading Clinical Thermometer
4. Handwashing
5. Measuring Fetal Heart Tones
6. Eye Care of New-Born
7. Cord Care of New-Born
8. New-Born Bath
9. Fractional Urine Testing
10. Dressing Change
11. Handling Sterile Equipment
12. Perineal Care
13. Catheter Irrigation

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject PHYSICAL SCIENCES

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Astronomy & Geology

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 7

Method of Instruction

Title of Package(s)

1. History of Astronomy
2. Earth-Moon System, Tools of the Astronomer
3. The Solar System
4. The Stars and Beyond
5. Composition of the Crust
6. Weathering and Erosion
7. Movements of the Crust and Historical Geology

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject PHYSICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Physics

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 5

Method of Instruction

Title of Package(s) 1. Measurement Systems, Motion, Gravity
2. Energy: Work and Power
3. Heat: Gases and Fluids
4. Waves: Sound and Light
5. Electricity and Magnetism

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PHYSICS
Author	Robert A. Carmen
Institution	Santa Barbara City College 721 Cliff Drive Santa Barbara, Calif.
Target Population	Any physics course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Numbers and Units for Physics 2. A Programed Introduction to Vectors

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PHYSICS
Author	Mary M. Guy
Institution	Santa Fe Junior College 723 W. University Ave Gainesville, Fla. 32601
Target Population	Any physical science course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Scientific Notation I 2. Scientific Notation II

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PHYSICS
Author	Mary S. Taube
Institution	Santa Fe Junior College 723 W. University Ave. Gainesville, Fla. 32601 Phone: 372-3627
Target Population	Any physics course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	7
Method of Instruction	
Title of Package(s)	<ol style="list-style-type: none"> 1. Equilibrium (a Study of Vectors) 2. Forces Due to Friction 3. How to Divide Using a Slide Rule 4. How to Multiply Using a Slide Rule 5. How to Read Squares and Cubes from a Slide Rule 6. How to Read a Value from a Slide Rule 7. Measuring Instruments

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject PSYCHOLOGY

Author Jane Dallinger

Institution Pierce College
Winnetka Ave.
Woodland Hills, Calif. 91364
Phone: (213) 347-0551

Target Population

Title of Course Psychology 2, Physiological Psychology

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Physiological Psychology

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PSYCHOLOGY
Author	Larry D. Barnes
Institution	Genesee Community College Batavia, N.Y. 14020 Phone: 343-0055
Target Population	
Title of Course	Psychology 101, General Psychology
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tape
Title of Package(s)	Introduction to Psychology

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject PSYCHOLOGY

Author Edward B. Hibler

Institution Fresno City College
Fresno, Calif. 93704
Phone: 264-4721

Target Population

Title of Course Psychology 7, General Psychology
Sociology 32, Family Life Education

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) Socratic-Tape Teaching

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject PSYCHOLOGY

Author James R. Marks

Institution West Los Angeles College
4800 Freshman Drive
Culver City, Calif. 90230
Phone: 836-7110

Target Population

Title of Course Psychology 22, Reading and Study Skills

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) How to Use Programed Materials

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject PSYCHOLOGY

Author Richard Lyon Morgan

Institution Mitchell College
Statesville, N.C. 28677

Target Population

Title of Course Psychology 101

Availability Contact author for information

**Number of Packages
in Instruction Unit** 26

Method of Instruction

Title of Package(s)

- | | |
|---|--|
| 1. Introduction to Psychology | 15. Approaches to Behavior: Frankl,
Fromm, Maslow |
| 2. Schools of Psychology | 16. Sex |
| 3. Sigmund Freud's View of
Personality | 17. Drugs |
| 4. Psychosocial Views of
Personality Development | 18. ESP |
| 5. Group Dynamics | 19. Humanizing Mental Illness |
| 6. Motivation | 20. Psychotherapy |
| 7. Emotions | 21. Mental Hospitals |
| 8. Stress | 22. Individuals in a Group |
| 9. T Groups | 23. Ginott's Approach to Child
Development |
| 10. Theories of Learning | 24. Youth and the 1970's |
| 11. Classical and Operant
Conditioning | 25. Jean Piaget's View of Children's
Intelligence |
| 12. Perception | 26. Three Forces in Psychology |
| 13. Racism | |
| 14. Approaches to Behavior: Adler,
Jung, Rank | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject **SOCIOLOGY**

Author **Louis A. Brown**

Institution **Mitchell College**
 Statesville, N.C. 28677
 Phone: 873-9511

Target Population

Title of Course **Introduction-Sociology**
 Introduction-Anthropology

Availability **Contact author for information**

Number of Packages
in Instruction Unit **20**

Method of Instruction

Title of Package(s)

- | | |
|---|--|
| 1. Introduction - Field of Sociology | 10. Class and Caste |
| 2. The Organism and Its Physical Environment | 11. Mobility in America |
| 3. Society | 12. American Minorities |
| 4. Interaction - The Social Process | 13. Modern Community Trend |
| 5. The Universality of Culture | 14. The Division of Labor |
| 6. The Variability of Culture | 15. The Family: Comparative View |
| 7. The Organism Becomes a Person: Socialization | 16. Marriage and the Family in America |
| 8. The Structure and Unity of Personality | 17. Religion |
| 9. Population | 18. Religion in America |
| | 19. American Economic Order |
| | 20. American Political Order |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject TECHNOLOGY

Author David C. Bryenton

Institution Burlington County College
Pemberton-Browns Mills Rd.
Pemberton, N.J. 08068
Phone: 894-9311

Target Population

Title of Course

Availability Contact author for information

**Number of Packages
in Instruction Unit** 2

Method of Instruction

Title of Package(s) 1. Statics and Strength of Materials
2. Structures (Steel Buildings)