

# Rockingham Community College 1968-69

## Catalog Supplement

### COSMETOLOGY

A trained beautician is in constant demand. He or she can find employment in the many beauty shops found in the community. A cosmetologist performs many functions in providing beauty services for customers.

Today the cosmetologist is called upon to advise men and women on problems of make-up, diet and care of the hair, skin and hands, including the nails. Cosmetology has become a science consisting of the use of cosmetics based on scientific principles. The Cosmetology Curriculum is designed to prepare the student for employment in the field of cosmetology. The curriculum provides instruction and practice in manicuring, shampooing, permanent waving, facials, massages, scalp treatments, hair cutting and styling, and hair coloring. This curriculum is approved by the North Carolina State Board of Cosmetic Art Examiners.

### SUGGESTED CURRICULUM

<i>Course Title</i>	<i>Quarter Hours Credit</i>	<i>Course Title</i>	<i>Quarter Hours Credit</i>
<b>FALL QUARTER</b>		<b>SPRING QUARTER</b>	
COS 1101 Introduction to Cosmetology	5	COS 1110 Permanent Waving Cold and Heat Wave	7
COS 1102 Bacteriology, San- tation, and First Aid	5	COS 1118 Anatomy	5
COS 1112 Personality	2	COS 1120 Facials	3
COS 1103 Shampoo and Rinse	1		<hr/> 13
COS 1105 Finger Waving and Pin Curling	4	<b>SUMMER QUARTER</b>	
COS 1107 Manicuring	2	COS 1119 Anatomy	3
GUI 101 Orientation to College	1	COS 1116 Scalp Treatments	2
	<hr/> 20	COS 1121 Disorders of Skin, Nails, and Hair	6
<b>WINTER QUARTER</b>		COS 1122 Electricity	3
COS 1106 Hair Shaping	4	COS 1123 Chemistry	3
COS 1111 Hair Styling and Wig Care	5	COS 1124 Operational Management	1
COS 1115 Tinting and Bleaching	4		<hr/> 18
	<hr/> 13	Total Quarter Hours Credit	82

## COSMETOLOGY COURSE DESCRIPTIONS

### COS 1101 INTRODUCTION TO COSMETOLOGY 5-1-5

Designed to give the student a background for the profession and an understanding of the laws and civic responsibilities involved.

### COS 1102 BACTERIOLOGY, SANITATION, AND FIRST AID 5-2-5

A study of bacteriology to prevent the spread of disease in the shops, and instructions in sanitary measures and laws. Emphasis is placed on safety and methods of rendering first aid. Also instruction in health needs and habits of an individual.

### COS 1103 SHAMPOO AND RINSE 0-2-1

This course covers the theory and practical training necessary to develop the manipulative skill of shampooing. Emphasis is placed on composition and application of various rinses.

### COS 1105 FINGER WAVING AND PIN CURLING 1-9-4

A study of hair, use of comb, fingers, and waving lotion to produce a wave. The different styles of finger waving, pin curling, and roller curl are studied to enable the student to make application of finger waving and pin curling to various hair styles.

### COS 1106 HAIR SHAPING 1-9-4

Skill in the use of scissors and razor for shaping the hair is developed in this course. The student becomes familiar with various methods of cutting hair which may be applied to specific hair styling and permanent waving.

### COS 1107 MANICURING 1-2-2

The care of the hands and nails with emphasis on correct procedures, techniques, materials, and equipment used in giving a manicure. Also attention devoted to developing an understanding of the relationship between customer and operator.

### COS 1110 PERMANENT WAVING—COLD AND HEAT WAVE 2-15-7

This course is designed to provide a foundation for the practical art of permanent waving. Such topics as types of permanent waves, texture and elasticity of hair, and shaping of hair are included. Also the methods of permanent waving are taught.

### COS 1111 HAIR STYLING AND WIG CARE 2-9-5

This course deals with the fundamental principles of hair styling and wig care. Through study of the contour of the head and face a student learns to see the relationship of these features to various hair styles. Also extensive practice in the proper use of sculpture curls, brushing, and combing are included.

COS 1112 PERSONALITY 2-0-2

Designed to develop a pleasing personality, charm, and poise necessary to every one in the beauty field.

COS 1115 TINTING AND BLEACHING 1-8-4

A study of techniques and applications involved in giving hair tints and bleaches; reaction of chemicals to certain textures of hair; composition, merits, and limitations of softeners, developers, hair tints, and bleaches.

COS 1116 SCALP TREATMENTS 1-2-2

A study of the principles, techniques, materials, supplies and applications used in giving scalp treatments.

COS 1118 ANATOMY 3-2-3

The structure and function of the bones, muscles, and nerves with particular emphasis upon their application of cosmetology.

COS 1119 ANATOMY 2-4-3

A continuation of Anatomy with additional emphasis on the structure and function of bones, muscles, and nerves as applied to the work of the cosmetologist. Prerequisite: COS 1118

COS 1120 FACIALS 1-5-3

Designed to aid in the understanding of the principles, techniques, purposes, application and benefits of facial massage and cosmetic use. The various types of facials appropriate for different types of skin studied.

COS 1121 DISORDERS OF SKIN, NAILS AND HAIR 5-3-6

The cause, identification, and treatment of common skin disorders and scalp diseases.

COS 1122 ELECTRICITY 3-1-3

Designed to acquaint the student to electricity in its different phases as applied to cosmetology. Such topics as wallplate, high frequency and electrodes are studied and discussed.

COS 1123 CHEMISTRY 2-1-3

Designed to give the student an understanding of the basic principles of chemistry as they apply to the field of cosmetology. The major areas of work studied in this course are: fundamentals of chemistry, chemistry of soaps, hair preparations, nail preparations, deodorant preparations, creams and lotions, and facial preparations.

COS 1124 OPERATIONAL MANAGEMENT 1-0-1

Designed to give the student an understanding of the principles relating to the operation of a beauty shop. Emphasis on equipment, finance, and management.

## RADIO AND TELEVISION SERVICING

Within recent years improved electronic techniques have provided expanded entertainment and educational facilities in the form of monochrome and color television, frequency modulated radio, high fidelity amplifiers and stereophonic sound equipment. These developments require expanded knowledge and skill of the individual who would qualify as a competent and up-to-date serviceman.

This program provides the basic knowledge and skills involved in the installation, maintenance and servicing of radio, television and sound amplifier system. A large portion of time is spent in the laboratory verifying electronic principles and developing servicing techniques.

### SUGGESTED CURRICULUM

<i>Course Title</i>	<i>Quarter Hours . Credit</i>	<i>Course Title</i>	<i>Quarter Hours . Credit</i>
<b>FALL QUARTER</b>		<b>SPRING QUARTER</b>	
ELC 1112 Direct & Alternating Current	10	ELN 1125 Radio Receiver Servicing	4
ENG 1101 Reading Improvement	2	ELN 1126 Transistor Theory & Circuits	9
GUI 101 Orientation to College	1	PSY 1101 Human Relations	3
MAT 1115 Electrical Mathematics	5		<hr style="width: 100%;"/>
	<hr style="width: 100%;"/>		16
	18		
<b>WINTER QUARTER</b>		<b>SUMMER QUARTER</b>	
ELN 1122 Vacuum Tubes & Circuits	8	BUS 1103 Small Business Operations	3
ELN 1123 Amplifier Systems	4	ELN 1127 Television Receiver Circuits and Servicing	15
ENG 1102 Communication Skills	3		<hr style="width: 100%;"/>
MAT 1116 Electrical Mathematics	5		18
	<hr style="width: 100%;"/>		
	20	<b>TOTAL</b>	<b>72</b>

## RADIO AND TELEVISION SERVICING DESCRIPTIONS

### ELC 1112 DIRECT AND ALTERNATING CURRENT 5-15-10

A study of the structure of matter and the electron theory, the relationship between voltage, current and resistance in series, parallel and series-parallel circuits. Analysis of direct current circuits by

Ohm's law and Kirchoff's law; sources of direct current potentials. Fundamental concepts of alternating current flow; a study of reactance, impedance, phase angle, power and resonance and alternating current circuit analysis. Prerequisite: None.

### ELN 1127 TELEVISION RECEIVER CIRCUITS AND SERVICING 10-15-15

A study of principles of television receivers, alignment of radio and intermediate frequency amplifiers, adjustment of horizontal and vertical sweep circuits will be taught. Techniques of troubleshooting and repair of TV receivers with the proper use of associated test equipment will be stressed. Additional study of more specialized servicing techniques and oscilloscope waveform analysis will be used in the adjustment, troubleshooting and repair of the color television circuits. Prerequisites: ELN 1126, ELN 1125.

### ELN 1128 TELEVISION RECEIVER CIRCUITS AND SERVICING 5-12-9

This course, taught in conjunction with an elective, will be a shortened version of ELN 1127. Prerequisites: ELN 1126, ELN 1125.

### MAT 1115 ELECTRICAL MATHEMATICS 5-0-5

An introductory algebra course with trigonometry and vectors, needed in alternating current; algebraic operations of addition, subtraction, multiplication and division; use of letters and signs, grouping, factoring; exponents, ratios and proportions; algebraic and graphic solutions of first-degree equations; introduction to trigonometric functions, their graphs and applications to right triangles. Addition, subtraction and resolution of vector quantities. Prerequisite: None.

### MAT 1116 ELECTRICAL MATHEMATICS 5-0-5

A working knowledge of the powers of 10, Ohm's law for series and parallel circuits, quadratic equations, Kirchoff's Laws, trigonometric functions, plane vector algebra and logarithms. Prerequisite: MAT 1115.

## WELDING

### Two-Year Cooperative Program

This statement of the Welding Curriculum supersedes the statement in the 1968-69 catalog and changes the curriculum from a one-year institutional program to a two-year cooperative program, effective July 15, 1968.

#### SUGGESTED CURRICULUM

<i>Course Title</i> <i>First Year</i>	<i>Quarter</i> <i>Hours Credit</i>	<i>Course Title</i> <i>Second Year</i>	<i>Quarter</i> <i>Hours Credit</i>
<b>FALL QUARTER</b>		<b>FALL QUARTER</b>	
WLD 1120 Welding Theory & Practice I	8	WLD 1123 Welding Theory & Practice III	9
MAT 1101 Fundamentals of Mathematics	5	DFT 1118 Pattern Development and Sketching	3
IS 1101 Industrial Safety	1	MEC 1115 Properties of Metals	4
ENG 1101 Reading Improvement	1	ENG 1103 Communication Skills II	3
ENG 1102 Communication Skills	3		19
GUI 101 Orientation to College	1		
	19		
<b>WINTER QUARTER</b>		<b>WINTER QUARTER</b>	
WLD 1130 Welding Skill Development in Industry	4	WLD 1132 Welding Skill Development in Industry III	4
	4		4
<b>SPRING QUARTER</b>		<b>SPRING QUARTER</b>	
WLD 1121 Welding Theory & Practice II	9	WLD 1124 Welding Theory & Practice IV	7
MAT 1103 Geometry	3	WLD 1112 Mechanical Testing and Inspection	2
DFT 1117 Blueprint Reading: Welding	3	WLD 1125 Certification Practices	2
PSY 1101 Human Relations	3	PSY 1102 Industrial Relations	3
	18		14
<b>SUMMER QUARTER</b>			
WLD 1131 Welding Skill Development in Industry II	4	<b>Total Quarter Hours Credit</b>	<b>82</b>
	4		

#### WLD 1130 WELDING SKILL, DEVELOPMENT IN INDUSTRY I 0-12-4

The student is employed as a welder trainee on a full-time basis with a participating firm. Welding skills are developed through on the job training. Progress is evaluated jointly by the student's supervisor and his instructor. An orientation to industrial relations is provided by management and college instructional personnel.

WLD 1131 WELDING SKILL, DEVELOPMENT IN INDUSTRY II

0-12-4

The student returns to industry to continue skill development on a full-time basis. Progress is evaluated jointly by the student's supervisor in industry and his instructor, who visits him on the job to provide guidance. An orientation to industrial safety is provided.

WLD 1132 WELDING SKILL, DEVELOPMENT IN INDUSTRY III

0-12-4

Skill development is continued in industry with the student receiving further experience on the job. Progress is evaluated jointly by the student's supervisor and his instructor. An orientation to labor-management economics, fringe benefits, and responsibilities of both labor and management in the free enterprise system is provided.

