

PSY 210 HUMAN GROWTH AND DEVELOPMENT 3 Hrs.
 PREREQUISITE: PSY 200.
 This course is the study of the psychological, social, and physical factors that affect human behavior from conception to death.

PSY 220 HUMAN SEXUALITY 3 Hrs.
 PREREQUISITE: ENG 093 or equivalent placement in ENG 101
 This course is a comprehensive and integrated approach to human sexuality emphasizing biological, psychological, social, and emotional aspects.

PSY 230 ABNORMAL PSYCHOLOGY 3 Hrs.
 PREREQUISITE: PSY 200.
 This course is a survey of abnormal behavior and its social and biological origins. The anxiety related disorders, psychoses, personality disorders, and mental deficiencies will be covered.

READING (RDG)

RDG 083 DEVELOPMENTAL READING I 4 Hrs.
 PREREQUISITE: None.
 This course is designed to assist the student whose placement test scores indicate difficulty with decoding skills, comprehension, vocabulary, and study skills.

RDG 084 DEVELOPMENTAL READING II 4 Hrs.
 PREREQUISITE: RDG 083 or equivalent placement score.
 This course is designed to assist the student whose placement test scores indicate difficulty with decoding skills, comprehension, vocabulary, and study skills.

RDG 085 DEVELOPMENTAL READING III 4 Hrs.
 PREREQUISITE: RDG 084 or equivalent placement score.
 This course is designed to assist the student whose placement test scores indicate difficulty with decoding skills, comprehension, vocabulary, and study skills.

RDG 114 CRITICAL READING FOR COLLEGE 3 Hrs.
 PREREQUISITE: RDG 085 or equivalent placement score.
 This course is designed to enhance critical reading skills. Topics include vocabulary enrichment, reading flexibility, metacognitive strategies, and advanced comprehension skills, including analysis and evaluation. Upon completion, the student should be able to demonstrate comprehension and analysis and respond effectively to material across disciplines.

REAL ESTATE (RLS)

RLS 101 REAL ESTATE PRINCIPLES 4 Hrs.
 PREREQUISITE: None.
 This is an introductory real estate course providing the necessary terminology, background, and understanding of real estate principles. Topics include history of property ownership, real estate finance, real estate law, and the mechanics of listing and closing the sale. This course is designed to assist those preparing for the real estate salesman's licensing examination in Alabama.

RECREATION (REC)

REC 231 HEALTH AND FITNESS CLUB MANAGEMENT 3 Hrs.
 PREREQUISITE: None.
 This course is designed to introduce the student to all facets of proper management of a modern fitness facility.

REC 232 HEALTH AND FITNESS CLUB INTERNSHIP 3 Hrs.
 PREREQUISITE: REC 231 or
 COREQUISITE: REC 231
 This course covers the elements of advertising and sales promotion in the business environment. Topics include advertising and sales promotion appeals, selection of media, use of advertising and sales promotion as a marketing tool, and means of testing effectiveness. Upon completion, the student should be able to demonstrate an understanding of the concepts covered through application.

RELIGION (REL)

REL 100 HISTORY OF WORLD RELIGIONS 3 Hrs.
 PREREQUISITE: ENG 093 or equivalent placement in ENG 101
 This course is designed to acquaint the student with the beliefs and practices of the major contemporary religions of the world. This includes the religions of Africa, the Orient, and the western world. The student should have an understanding of the history and origins of the various religions in the world.

REL 151 SURVEY OF THE OLD TESTAMENT 3 Hrs.
 PREREQUISITE: ENG 093 or equivalent placement in ENG 101
 This course is an introduction to the content of the Old Testament with emphasis on the historical context and contemporary theological and cultural significance of the Old Testament. Upon completion, the student should have an understanding of the significance of the Old Testament writings.

REL 152 SURVEY OF THE NEW TESTAMENT 3 Hrs.
 PREREQUISITE: ENG 093 or equivalent placement in ENG 101
 This course is a survey of the books of the New Testament with special attention focused on the historical and geographical setting. Upon Completion, the student should have an understanding of the books of the New Testament and the cultural and historical events associated with these writings.

RESPIRATORY (RPT)

RPT 210 CLINICAL PRACTICE I 2 Hrs.
 PREREQUISITE: BIO 201, ENG 101, MTH 100, CIS 146, RPT 256 and acceptance into the Respiratory Therapist Program
 COREQUISITE: BIO 202, RPT 211, RPT 212, RPT 213, and RPT 214
 This clinical course provides for initial hospital orientation and development of general patient assessment and communication skills required for safe and effective patient care. Emphasis is placed upon application of classroom and laboratory experiences within the clinical environment. Upon completion, students should demonstrate adequate psychomotor skills and cognitive abilities necessary for initial patient contact and safe and effective performance of basic respiratory care procedures.

RPT 211 INTRODUCTION TO RESPIRATORY CARE 2 Hrs.
 PREREQUISITE: BIO 201, ENG 101, MTH 100, CIS 146, RPT 256 and acceptance into the Respiratory Therapist Program
 COREQUISITE: BIO 202, RPT 210, RPT 212, RPT 213, and RPT 214
 This course is designed to acquaint the student with responsibilities of the respiratory care practitioner (RCP) as a member of the health care team. Areas of

emphasis include: history of the profession, credentialing mechanism, licensure, medical ethics, communication skills, basic medical terminology, and patient assessment. Upon completion, students should be able to demonstrate effective communication skills, proper use of aseptic technique, deference to appropriate professional ethics and behavior, and be able to perform basic patient assessment.

RPT 212 FUNDAMENTALS OF RESPIRATORY

CARE I **4 Hrs.**
 PREREQUISITE: BIO 201, ENG 101, MTH 100, CIS 146, RPT 256 and acceptance into the Respiratory Therapist Program
 COREQUISITE: BIO 202, RPT 210, RPT 211, RPT 213, and RPT 214

A fundamental course which presents the scientific basis for respiratory care procedures and application of basic chemistry and physics as related to compressed gases and respiratory care equipment operation. Experimental laboratory is required and emphasis includes: design, functional characteristics, and operation of commonly encountered respiratory care equipment, use of medical gases and applied chemistry, physics, and mathematics. Upon completion, the student should be able to demonstrate an adequate knowledge base concerning function and troubleshooting of respiratory care equipment and concepts of applied physics, chemistry, and mathematics.

RPT 213 ANATOMY AND PHYSIOLOGY FOR THE RCP

3 Hrs.
 PREREQUISITE: BIO 201, ENG 101, MTH 100, CIS 146, RPT 256 and acceptance into the Respiratory Therapist Program
 COREQUISITE: BIO 202, RPT 210, RPT 211, RPT 212, and RPT 214

This course provides detailed lecture and audio-visual presentations which concentrate on the cardiopulmonary and renal systems. Emphasis is placed on structure, function, and physiology of the cardiopulmonary and renal systems and the role each plays in the maintenance of homeostasis. Upon completion, the student should be able to demonstrate adequate knowledge of the structure, function, and physiology of the cardiopulmonary and renal systems.

RPT 214 PHARMACOLOGY FOR THE RCP

2 Hrs.
 PREREQUISITE: BIO 201, ENG 101, MTH 100, CIS 146, RPT 256 and acceptance into the Respiratory Therapist Program
 COREQUISITE: BIO 202, RPT 210, RPT 211, RPT 212, and RPT 213

This course is a detailed study of drugs encountered in respiratory care practice and the function of the autonomic nervous system. Areas of emphasis include: determination of drug dosage, applied mathematics, clinical pharmacology, indications, hazards, intended actions, and side-effects of agents used in respiratory care. Upon completion, the student should be able to complete a dosage calculation test with 90% proficiency, and demonstrate an adequate understanding of the clinical pharmacology of respiratory care drugs, and the general principles of pharmacology.

RPT 220 CLINICAL PRACTICE II

2 Hrs.
 PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, and RPT 256
 COREQUISITE: PSY 200, RPT 221, RPT 222, RPT 223, and RPT 234

This course is a continuation of RPT 210 Clinical Practice I and allows the student to continue integration of classroom and laboratory instruction into the clinical practice of respiratory care. Areas of emphasis include: bedside patient assessment techniques,

airway care, hyperinflation therapy, protocol implementation, development of patient care plans, oxygen, humidity, and aerosol administration, and an introduction to management of the mechanical ventilation of the adult. Upon completion, the student should be able to demonstrate appropriate psychomotor skills and cognitive abilities necessary to successfully function as primary care giver for routine respiratory care procedures.

RPT 221 PATHOLOGY FOR THE RCP I

3 Hrs.
 PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, and RPT 256
 COREQUISITE: PSY 200, RPT 220, RPT 222, RPT 223, and RPT 234

This course is a survey of commonly encountered diseases and disorders which may affect the function of the cardiopulmonary system, and the clinical manifestations and treatment rationales as related to respiratory care practice. Practical laboratory is required and course emphasis is placed upon the application of sound diagnostic techniques in the gathering of data in support of diagnosis of specific disease entities as well as progression of pathological changes in cardiopulmonary function. Upon completion, the student should be able to demonstrate the ability to gather appropriate information from various sources in support of diagnosis of specific cardiopulmonary disease as well as an adequate understanding of cardiopulmonary pathology.

RPT 222 FUNDAMENTALS OF RESPIRATORY

CARE II **4 Hrs.**
 PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, and RPT 256
 COREQUISITE: PSY 200, RPT 220, RPT 221, RPT 223, and RPT 234

This course is a continuation of RPT 212 and continues to present the scientific basis for selected respiratory care procedures. Experimental laboratory is required and areas of emphasis include: therapeutic techniques utilized in bronchial hygiene, hyperinflation therapy, mechanical ventilation of the adult, manual resuscitation equipment, the equipment utilized in bedside assessment and mechanical ventilation. Upon completion, the student should be able to demonstrate the cognitive abilities and psychomotor skills required to perform the procedures presented.

RPT 223 ACID BASE REGULATION AND

ABG ANALYSIS **2 Hrs.**
 PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, and RPT 256
 COREQUISITE: PSY 200, RPT 220, RPT 221, RPT 222, and RPT 234

This course provides the student with lecture and audiovisual presentation of material essential to the understanding of acid/base physiology and arterial blood gas interpretation. Emphasis is placed upon ABG sampling technique, quality assurance, basic chemistry as related to acid/base balance, evaluation of oxygen transport, and the role of the respiratory and renal systems in maintenance of homeostasis. Upon completion, the student should be able to demonstrate an understanding of the fundamental concepts of acid/base balance and regulation of homeostasis by the respiratory and renal systems.

RPT 230 CLINICAL PRACTICE III

2 Hrs.
 PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, RPT 234, RPT 242, and RPT 256
 COREQUISITE: RPT 240, RPT 241, RPT 243, RPT 244, and RPT 266

This course, the third course in the clinical sequence,

is designed to allow the student to function in the role of primary care giver. Emphasis is placed upon mastery of basic respiratory care procedures, administration of aerosol drugs, and care of the patient receiving mechanical ventilation. Upon completion, the student should be able to demonstrate psychomotor skills and cognitive abilities necessary to function safely and effectively in the role of primary care giver.

RPT 231 PATHOLOGY FOR THE RCP II 3 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, RPT 234, and RPT 256

COREQUISITE: RPT 232, RPT 233, and RPT 242

A continuation of RPT 221, this course continues to present specific disease entities which may impair cardiopulmonary function. Laboratory study is directed toward diagnostic techniques and course emphasis is placed upon etiology, diagnosis, prognosis, and treatment rationale for each medical problem presented. Upon completion, the student should be able to demonstrate the cognitive abilities necessary to integrate clinical and laboratory data obtained from various sources in support of the diagnosis and treatment of the specific disease entities presented.

RPT 232 DIAGNOSTIC PROCEDURES FOR THE RCP 2 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, RPT 234, and RPT 256

COREQUISITE: SPH 106 or higher, RPT 231, RPT 233, and RPT 242

This course is a lecture course designed to present the value of various procedures as an aid to diagnosis in cardiopulmonary disease. Course emphasis is placed upon procedures such as complete pulmonary function testing, bronchoscopy, cardiac diagnostic procedures, and ventilation/perfusion studies. Upon completion, the student should be able to demonstrate the psychomotor and cognitive abilities necessary to perform routine diagnostic procedures.

RPT 233 SPECIAL PROCEDURES FOR THE RCP 2 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, and RPT 234

COREQUISITE: SPH 106 or higher, RPT 231, RPT 232, and RPT 242

This course presents special procedures and medical specialties and identifies various tasks required of the RCP while functioning in an assistive role to the physician. Course emphasis is placed upon phlebotomy, bronchoscopy, hemodynamic assessment, and advanced cardiopulmonary monitoring techniques. Upon completion, the student should be able to demonstrate cognitive and psychomotor abilities necessary to perform assistive functions during the various procedures presented.

RPT 234 MECHANICAL VENTILATION FOR THE RCP 3 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, and RPT 256

COREQUISITE: PSY 200, RPT 220, RPT 221, RPT 222, and RPT 223

This course continues and expands the presentation of material concerning mechanical ventilation as previously introduced in RPT 222 to include indications, modification, and discontinuance of mechanical ventilation. Laboratory is required and course emphasis is placed upon the application of scientific principles to the clinical use of various modes of mechanical ventilation. Upon completion, the student should be able to demonstrate the cognitive and psychomotor

skills required to effectively institute and maintain various methods of mechanical ventilation.

RPT 240 CLINICAL PRACTICE IV 4 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, RPT 231, RPT 232, RPT 233, RPT 234, RPT 242, and RPT 256

COREQUISITE: RPT 230, RPT 241, RPT 243, RPT 244, and RPT 266

This course, the last in the required clinical sequence, provides opportunities for the student to further refine clinical skills. Course emphasis is placed upon critical care, neonatal mechanical ventilation, home care and discharge planning. Upon completion, the student should be able to demonstrate the cognitive and psychomotor skills required to function in the role of advanced respiratory care practitioner.

RPT 241 REHABILITATION AND HOME CARE FOR THE RCP 2 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, RPT 231, RPT 232, RPT 233, RPT 234, RPT 242, and RPT 256

COREQUISITE: RPT 230, RPT 240, RPT 243, RPT 244, and RPT 266

This course presents special considerations which apply to rehabilitation and home care of the patient with cardiopulmonary disorders. Emphasis is placed upon the role of the RCP within the home care medical community and modification of techniques and procedures necessary for effective home care. Upon completion, the student should be able to demonstrate an understanding of discharge planning and disease management protocols as applied to rehabilitation and the continuation of effective respiratory care in the home environment.

RPT 242 PERINATAL/PEDIATRIC RESPIRATORY CARE 3 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, and RPT 234,

COREQUISITE: SPH 106 or higher, RPT 231, RPT 232, and RPT 233,

This course presents the unique requirement for appropriate delivery of respiratory care to the neonatal and pediatric patient. Experimental laboratory is required and course emphasis is placed upon a detailed outline of fetal lung development, fetal circulation, neonatal cardiopulmonary disorders, and specialized equipment and techniques, as well as general considerations of provision of care to neonatal and pediatric patients. Upon completion, the student should be able to demonstrate the cognitive and psychomotor skills required for safe and effective delivery of respiratory care to the neonatal and pediatric patient.

RPT 243 COMPUTER APPLICATIONS FOR THE RCP 2 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, RPT 231, RPT 232, RPT 233, RPT 234, RPT 242, and RPT 256

COREQUISITE: RPT 230, RPT 240, RPT 241, RPT 244, and RPT 266

This course is designed to allow the student practice utilizing computer assisted clinical simulation software as well as allow for a general program review in preparation for credentialing examinations. Emphasis is placed on development of critical thinking skills, specific to the discipline, and development of com-

puter literacy. Upon completion, the student should be able to demonstrate computer literacy and satisfactory performance on nationally standardized comprehensive self-assessment examinations.

RPT 244 CRITICAL CARE CONSIDERATIONS FOR THE RCP 2 Hrs.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, RPT 231, RPT 232, RPT 233, RPT 234, RPT 242, and RPT 256
COREQUISITE: RPT 230, RPT 240, RPT 241, RPT 243, and RPT 266
This course provides for continued discussion concerning the monitoring and maintenance of patients who are treated in the critical care area of an acute care hospital. Course emphasis is placed upon advanced monitoring and assessment techniques employed in the treatment of the critical care patient. Upon completion, the student should be able to demonstrate increased cognitive abilities in the area of course emphasis.

RPT 256 WRITINGS AND RESEARCH FOR THE RCP I 1 Hr.
PREREQUISITE: MTH 100 and ENG 101, (Permission of the instructor if taken during the fall semester)
COREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, and RPT 214 (if taken during the fall semester)
This elective course is provided to allow for independent research on a topic of special interest within the field of respiratory care. A written narrative of research activities or a literature research paper is required. Upon completion, the student should be able to effectively communicate in written narrative form the results of independent study.

RPT 266 SEMINAR IN RESPIRATORY MEDICINE I 1 Hr.
PREREQUISITE: RPT 210, RPT 211, RPT 212, RPT 213, RPT 214, RPT 220, RPT 221, RPT 222, RPT 223, RPT 231, RPT 232, RPT 233, RPT 234, RPT 242, and RPT 256
COREQUISITE: RPT 230, RPT 240, RPT 241, RPT 243, and RPT 244
This elective course is a series of physician lectures designed to present topics of special interest to the student or practitioner. Emphasis is placed upon current medical practice within the field of pulmonary medicine and cardiology. Upon completion, the student should be able to demonstrate an increased knowledge base concerning the topics of special interest presented.

SPANISH (SPA)

SPA 101 INTRODUCTORY SPANISH I 4 Hrs.
PREREQUISITE: None.
This course provides an introduction to Spanish. Topics include the development of basic communication skills and the acquisition of basic knowledge of the cultures of Spanish-speaking areas.

SPA 102 INTRODUCTORY SPANISH II 4 Hrs.
PREREQUISITE: SPA 101.
This continuation course includes the development of basic communication skills and the acquisition of basic knowledge of the cultures of Spanish-speaking areas.

SPEECH (SPH)

SPC 100 FUNDAMENTALS OF SPEECH COMMUNICATION 1 Hr.
PREREQUISITE: None.
This performance course includes the study of the principles of human communication: intrapersonal,

interpersonal, and public. It surveys communication theory and provides practical application.

SPH 106 FUNDAMENTALS OF ORAL COMMUNICATION 3 Hrs.
PREREQUISITE: ENG 092 or equivalent placement in ENG 093.
COREQUISITE: ENG 093 or COM 100.

Fundamentals of Oral Communication is a performance course that includes the principles of human communication: intrapersonal, interpersonal, and public. This course surveys current communication theory and provides practical application.

SPH 107 FUNDAMENTALS OF PUBLIC SPEAKING 3 Hrs.
PREREQUISITE: ENG 093 or equivalent placement in ENG 101.
COREQUISITE: ENG 101.

This course explores principles of audience and environment analysis as well as the actual planning, rehearsing, and presenting of formal speeches to specific audiences. Historical foundations, communication theories, and student performances are emphasized.

SPH 108 VOICE AND DICTION 3 Hrs.
PREREQUISITE: None.

This course provides training for improvement in use of the speaking voice. Attention is focused on range, flexibility, clarity of articulation, and standards of pronunciation with individual help in the correction of faulty speech habits. A study of the International Phonetic Alphabet is included.

SPH 116 INTRODUCTION TO INTERPERSONAL COMMUNICATION 3 Hrs.
PREREQUISITE: ENG 092 or equivalent placement score.
COREQUISITE: ENG 093 or COM 100.

This course is an introduction to the basic principles of interpersonal communication.

SPH 123-125 FORENSICS WORKSHOP I-II-III 1-3 Hrs.
PREREQUISITE: Permission of Instructor.

These courses offer experience in speech activities such as debate, discussion, oral interpretation, extemporaneous speaking, and original oratory. The student is required to participate in scheduled intercollegiate speech tournaments.

SPH 206 ORAL INTERPRETATION 3 Hrs.
PREREQUISITE: None.

This course is designed to help students develop specific skills in the analysis and oral interpretation of poetry, prose, and drama. It includes a study of the elements of oral communication such as imagery, structure, and dramatic timing. Opportunity is given for public/classroom performance of literature.

SPH 217 ELEMENTS OF PERSUASION 3 Hrs.
PREREQUISITE: SPH 107.

This course is an advanced study and practice of the elements of persuasive speaking begun in SPH 106 and SPH 107.

SPH 227 ARGUMENTATION AND DEBATE 3 Hrs.
PREREQUISITE: SPH 107.

This course introduces argumentation and debate and methods of bringing reasoned discourse to bear on personal and social problems. It includes investigations into the various types of debates with emphasis on the use of evidence, logic, responsibility of the advocate, and the composition of language for oral controversy.

SOCIOLOGY (SOC)

SOC 200 INTRODUCTION TO SOCIOLOGY 3 Hrs.
PREREQUISITE: ENG 093 or equivalent placement in ENG 101

This course is an introduction to the vocabulary, concepts, and theory of sociological perspectives of human behavior.

SOC 207 INTRODUCTION TO THE FIELDS OF SOCIAL WORK PRACTICE 3 Hrs.
PREREQUISITE: ENG 093 or equivalent placement in ENG 101

This course introduces the student to an overview of the many and varied roles in which social workers function in today's society. It reviews the historical development of the fields of practice and the profession's code of ethics, and covers current national and local issues. Fifteen hours of volunteer work outside of class are required. (Transfers to UA as SW 100 Introduction to the Fields of Social Work Practice)

SOC 210 SOCIAL PROBLEMS 3 Hrs.
PREREQUISITE: SOC 200.

This course examines the social and cultural aspects, influences, incidences, and characteristics of current social problems in light of sociological theory and research.

SOC 247 MARRIAGE AND THE FAMILY 3 Hrs.
PREREQUISITE: ENG 093 or equivalent placement in ENG 101

This course is a study of family structures and families in a modern society. It covers preparation for marriage, as well as sociological, psychological, biological, and financial factors relevant to success in marriage and family life.

SOC 296 DIRECTED STUDIES IN SOCIOLOGY 1 -3 Hrs.
PREREQUISITE: SOC 200.

This course provides the student with opportunities to have "hands-on" experience with research methods used in the behavioral sciences or to complete directed readings under faculty supervision.

THEATRE (THR)

THR 113 THEATRE WORKSHOP I 1 Hr.
PREREQUISITE: None.

This is the first in a six-course sequence which provide practical experience in the production and performance of a dramatic presentation with assignments in scenery, lighting, props, choreography, sound, costumes, make-up, publicity, acting, directing, and other aspects of theatre production.

THR 114 THEATRE WORKSHOP II 1 Hr.
PREREQUISITE: THR 113.

This course is a continuation of THR 113.

THR 115 THEATRE WORKSHOP III 1 Hr.
PREREQUISITE: THR 114.

This course is a continuation of THR 114.

THR 120 THEATRE APPRECIATION 3 Hrs.
PREREQUISITE: None.

This course is designed to increase appreciation of contemporary theater. Emphasis is given to the theater as an art form through the study of history and theory of drama and the contributions to modern media. This course places emphasis on playwright, actor, director, designer, and technician to modern media. Attendance at theater productions may be required.

THR 126 INTRODUCTION TO THEATRE 3 Hrs.
PREREQUISITE: None.

This course is designed to teach the history of the theater and the principles of drama. It also covers the development of theater production and the study of selected plays as theatrical presentations. Attendance at theater productions may be required.

THR 131 ACTING TECHNIQUES I 3 Hrs.
PREREQUISITE: None.

This is the first of a two-course sequence in which the student will focus on the development of the body and voice as the performing instruments in acting. Emphasis is placed on pantomime, improvisation, acting exercises, and building characterizations in short acting scenes.

THR 132 ACTING TECHNIQUES II 3 Hrs.
PREREQUISITE: THR 131.

This course is a continuation of THR 131.

THR 213 THEATER WORKSHOP IV 2 Hrs.
PREREQUISITE: THR 115.

These courses are a continuation of THR 113, 114, and 115.

THR 214 THEATER WORKSHOP V 2 Hrs.
PREREQUISITE: THR 213.

This course is a continuation of THR 113, 114, and 115.

THR 215 THEATRE WORKSHOP VI 2 Hrs.
PREREQUISITE: THR 214.

This course is a continuation of THR 113, 114, 115, and 214.

THR 216 THEATRICAL MAKE-UP 2 Hrs.
PREREQUISITE: None.

This course is a study of the materials and techniques of theatrical make-up.

THR 236 STAGECRAFT 3 Hrs.
PREREQUISITE: Permission of Instructor.

This course is a study of the principles, techniques, and materials in theatrical scenery and lighting.

THR 241 VOICE AND SPEECH FOR THE PERFORMER 3 Hrs.
PREREQUISITE: None

This is a beginning course in the effective and healthy use of the vocal instrument for performance. It is designed to approach both the physical and mental processes of vocal production and includes the following: learning a physical/vocal warmup, dialect reduction, articulation, class performance and written exams.

THR 266 FUNDAMENTALS OF DIRECTING 3 Hrs.
PREREQUISITE: None.

This course is designed to cover the fundamentals of directing. Instruction will include lectures, demonstration, written and oral analysis of scripts and performances.

THR 281 STAGE MOVEMENT I 1 Hr.
PREREQUISITE: None.

This is the first in a two-course sequence which offer the student a basic introduction to movement for the stage for those interested in acting or dance. They also include consideration of role development through movement.

THR 282 STAGE MOVEMENT II 1 Hr.
PREREQUISITE: THR 281.

This course is a continuation of THR 281.

THR 296 DIRECTED STUDIES IN THEATRE 2 Hrs.
PREREQUISITE: Permission of instructor.

This course deals with problems in theater and art management. Problems may be arranged in conjunction with other disciplines in the Fine Arts.

WELDING (WDT)

- WDT 108 SMAW FILLET/OFC** **3 Hrs.**
 PREREQUISITE: None
 This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of oxy-fuel cutting.
- WDT 109 SMAW FILLET/PAC/CAC** **3 Hrs.**
 PREREQUISITE: None
 This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of carbon arc cutting and plasma arc cutting.
- WDT 110 INDUSTRIAL BLUEPRINT READING** **3 Hrs.**
 PREREQUISITE: None
 This course provides students with the understanding and fundamentals of industrial blueprint reading. Emphasis is placed on reading and interpreting lines, views, dimensions, weld joint configurations and weld symbols. Upon completion students should be able to interpret welding symbols and blueprints as they apply to welding and fabrication.
- WDT 119 GAS METAL ARC/FLUX CORED ARC WELDING THEORY** **3 Hrs.**
 PREREQUISITE: None
 This course introduces the student to the gas metal arc and flux cored arc welding process. Emphasis is placed on safe operating practices, handling and storage of compressed gasses, process principles, component identification, various welding techniques and base and filler metal identification.
- WDT 120 SHIELDED METAL ARC WELDING GROOVE THEORY** **3 Hrs.**
 PREREQUISITE: None
 This course provides the student with instruction on joint design, joint preparation, and fit-up of groove welds in accordance with applicable welding codes. Emphasis is placed on safe operation, joint design, joint preparation, and fit-up. Upon completion, students should be able to identify the proper joint design, joint preparation and fit-up of groove welds in accordance with applicable welding codes.
- WDT 122 SMAW FILLET/OFC LAB** **3 Hrs.**
 PREREQUISITE: None
 This course is designed introduce the student to the proper set-up and operation of the shielded metal arc welding equipment. Emphasis is placed on striking and controlling the arc, and proper fit up of fillet joints. This course is also designed to instruct students in the safe operation of oxy-fuel cutting. Upon completion, students should be able to make fillet welds in all positions using electrodes in the F-3 groups in accordance applicable welding code and be able to safely operate oxy-fuel equipment and perform those operations as per the applicable welding code.
- WDT 123 SMAW FILLET/PAC/CAC LAB** **3 Hrs.**
 PREREQUISITE: None
 This course is designed introduce the student to the proper set-up and operation of the shielded metal arc welding equipment. Emphasis is placed o striking and controlling the arc, and proper fit up of fillet joints. This course is also designed to instruct students in the safe operation of plasma arc and carbon arc cutting. Upon completion, students should be able to make fillet welds in all positions using electrodes in the F-4 groups in accordance with applicable welding code and be able to safely operate plasma arc and carbon arc equipment and perform those operations as per applicable welding code.
- WDT 124 GAS METAL ARC/FLUX CORED ARC WELDING LAB** **3 Hrs.**
 PREREQUISITE: None
 This course provides instruction and demonstration using the various transfer methods and techniques to gas metal arc and flux cored arc welds. Topics included are safety, equipment set-up, joint design and preparation, and gases.
- WDT 125 SHIELDED METAL ARC WELDING GROOVE LAB** **3 Hrs.**
 PREREQUISITE: None
 This course provides instruction and demonstrations in the shielded metal arc welding process on carbon steel plate with various size F3 and F4 group electrodes in all positions. Emphasis is placed on welding groove joints and using various F3 and F4 group electrodes in all positions. Upon completion, the student should be able to make visually acceptable groove weld joints in accordance with applicable welding codes.
- WDT 180 SPECIAL TOPICS** **3 Hrs.**
 PREREQUISITE: None.
 This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.
- WDT 181 SPECIAL TOPICS LAB** **3 Hrs.**
 PREREQUISITE: None
 This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students needs.
- WDT 217 SMAW CARBON PIPE THEORY** **3 Hrs.**
 PREREQUISITE: None
 This course introduces the student to the practices and procedures of welding carbon steel pipe using the shielded metal arc weld (SMAW) process. Emphasis is placed on pipe positions, electrode selection, joint geometry, joint preparation, and fit-up. Upon completion, the student should be able to identify pipe positions, electrodes, proper joint geometry, joint preparation, and fit-up in accordance with applicable code.
- WDT 221 PIPEFITTING AND FABRICATION** **3 Hrs.**
 PREREQUISITE: None.
 This course provides the student with skills and practices necessary for fabricating pipe plans using butt welded fittings. Emphasis is placed on butt-welded fittings to include 45 and 90 degree angles, flanges, reducers, and tees. Upon completion, the student should be able to fit butt-welded fittings, and cut and fabricate tees, laterals, and assorted angles.
- WDT 228 GAS TUNGSTEN ARC FILLET THEORY** **3 Hrs.**
 PREREQUISITE: None.
 This course introduces the student to the gas tungsten

arc welding process as described in AWS code D1.1 for fillet welds of ferrous and non-ferrous metals. Emphasis is placed on safe operating practices, handling of cylinders, process principles, tungsten types and shapes, and base and filler metal identification. Upon completion, the student should be able to explain safe operating practices and principles, identify various tungsten types and sizes, and recognize various base and filler metals.

WDT 257 SMAW CARBON PIPE LAB **3 Hrs.**
PREREQUISITE: None.

This course is designed to provide the student with skills in welding carbon steel pipe with the shielded metal arc weld (SMAW) process using electrodes in the F4 and F3 group. Emphasis is placed on welding pipe in the 2G, 5G, and 6G positions. Upon completion, the student should be able to perform shielded metal arc welding on carbon steel pipe with prescribed electrodes in the 2G, 5G, and 6G positions to the applicable code.

WDT 258 CERTIFICATION LAB **3 Hrs.**
PREREQUISITE: None.

This course is designed to provide the student with the skills needed to perform welds using the prescribed welding process. Emphasis is placed on welding test joints in accordance with the prescribed welding code. Upon completion, the student should be able to pass an industry standard welding test in accordance with D1.1 code requirements.

WDT 268 GAS TUNGSTEN ARC LAB **3 Hrs.**
PREREQUISITE: None

This course provides student with skills needed to perform gas tungsten arc welds using ferrous and/or

non-ferrous metals, according to applicable welding codes. Topics include safe operating practices, equipment identification and set-up, correct selection of tungsten type, polarity, shielding gas and filler metals. Upon completion, a student should be able to identify safe operating practices, equipment identification and setup, correct selection of tungsten type, polarity, shielding gas, filler metals, and various welds on ferrous and/or non-ferrous metals, using the gas tungsten arc welding process according to applicable welding codes.

WDT 292 COOPERATIVE EDUCATION **3 Hrs.**
PREREQUISITE: None.

This course constitutes a series wherein the student works on a part-time basis in a job directly related to welding. In this course, the employer evaluates the student's productivity and the student submits a descriptive report of his or her work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

WORKPLACE SKILLS ENHANCEMENT (WKO)

WKO 107 WORKPLACE SKILLS PREPARATION **1 Hr.**
PREREQUISITE: None

This course utilizes computer based instructional modules which are designed to access and develop skills necessary for workplace success. The instructional modules in the course include applied mathematics, applied technology, reading for information, and locating information. Upon completion of this course, students will be assessed to determine if their knowledge of the subject areas has improved.