

- PTEC 2102 Care of the Developmentally Disabled** (4-12-8)  
 This course examines developmental milestones and identifies deviations from them. Developmental delays will be assessed. Methods of psychiatric interventions with developmentally disabled patients will be explored, implemented and evaluated. Emphasis will be placed on the student developing empathy and understanding of the developmentally disabled. The student will spend 12 hours per week in a supervised field placement setting related to the care of the developmentally disabled patient presenting with need of psychiatric care.  
 Prerequisite: PTEC 1101.  
 Offered: Fall or as needed.
- PTEC 2103 Care of the Mentally Ill** (4-15-9)  
 This course identifies specific mental illnesses as categorized in the DSM IV. The etiology, incidence, pathology, and treatment of these conditions are examined. Care of the patient experiencing mental illness is explored with emphasis on the psychiatric technician's role as part of the treatment team. Prevention of mental illness is also discussed. The student will spend 15 hours per week in a supervised field placement setting to develop enhanced skills related to care of the mentally ill.  
 Prerequisite: PTEC 1101.  
 Offered: Spring or as needed.
- PUAD 2601 Introduction to Public Administration** (3-0-3)  
 Fundamental principles of administration, application to governmental operations, administrative organization, budgeting, planning, administrative law, personnel management, career service, conditions of public employment, and labor relations.  
 Prerequisite: POLS 1101.  
 Offered: On demand.
- READ 0099 Developmental Reading & Study Skills** (4-0-4)  
 READ 0099 is a preparatory course designed to improve reading techniques, vocabulary skills, and reading comprehension. The course also strengthens problem solving and critical thinking skills as they apply to reading, listening, writing, and speaking. Exit requirements: at least a C average, demonstration of reading proficiency at the college level and a satisfactory score of 74 or higher on the Compass Reading Skills Test.  
 Placement: A score of 73 or below on the COMPASS reading skills test.  
 Offered: All semesters.

**RESP 1100 Introduction to Respiratory Care** (1-0-1)

This course introduces students to the Respiratory Care profession and the skills needed to become a Respiratory Therapist. Topics will include the history of the Respiratory Care profession, and a discussion of the future of Respiratory Care. A description of the organization of a hospital Respiratory Care department and an overview of common modalities and specialized areas of Respiratory Care including an introduction to Therapist driven protocols and clinical practice guidelines. A discussion of job opportunities and areas for advancement within the profession. An overview of legal and ethical issues impacting health care, and particularly Respiratory Care, in today's Health Care environment. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the NBRC, AARC, CoARC and the Georgia Medical Board will be examined and the credentialing and licensing processes outlined.

Corequisite: None.

Prerequisite: Completion of all Learning Support requirements.

Offered: Summer, Fall, Spring.

**RESP 1111 Fundamentals of Respiratory Care** (2-3-3)

This course introduces the principles and practices of Non Critical Respiratory Care. The course will emphasize the use of Therapist Driven Protocols and Clinical Practice Guidelines. Basic Respiratory Care skills in modalities such as oxygen, humidity, bland aerosol, medicated aerosol, passive hyperinflation, chest physiotherapy, postural drainage, airway clearance therapies, arterial blood gases and bedside pulmonary function studies will be developed. Emphasis will be placed on setting up, using and troubleshooting equipment, and on the physical and physiologic principles of gas exchange, ventilation, acid/base balance and gas laws. To progress to RESP 1121, each student will be required to successfully complete and pass a Lab competency exam. Basic math competency is required. Students may be required to demonstrate proficiency in basic math skills for progression in the program. A passing score of "C" or better is required for progression in the program. The American Heart Association Basic Life Support course will be included in this course.

Corequisite: RESP 1131.

Prerequisites: Admission into Respiratory Care Program. RESP 1100 is required as a prerequisite or a corequisite.

Offered: Fall.

**RESP 1121 Respiratory Care Practicum I** (0-16-4)

An introduction to the respiratory care of the non-critically ill patient in the clinical environment. An emphasis will be placed on departmental protocols, practice guidelines, patient identification, and communication skills. The student will be required to master the following modalities: oxygen therapy, humidity therapy, bland continuous aerosol therapy, medicated nebulizer therapy, passive hyperinflation, chest physiotherapy and postural drainage, arterial blood gas draws and analysis, equipment cleaning and environmental therapy. Basic airway management and bedside pulmonary function testing will also be explored. Equipment theory and application will be reinforced.

Corequisites: RESP 1132, RESP 1133.

Prerequisites: RESP 1111, RESP 1131.

Offered: Spring.

**RESP 1131 Patient Assessment & Protocols** (3-3-4)

This course introduces the concepts and techniques of patient assessment through inspection, palpation, percussion, and auscultation. The student will demonstrate proficiency in patient physical examination, and taking a complete patient medical history. Principles of barrier protection for blood and body fluid exposures, and isolation precautions will be emphasized. Basic chest x-ray interpretation, basic ECG monitoring, basic laboratory values such as CBC, electrolytes, and basic microbiology are presented. Assessment of critically ill patients is introduced. Each student will be required to successfully complete a Lab competency examination in order to progress to RESP 1121.

Corequisite: RESP 1111.

Prerequisites: Admission into the Respiratory Care Program.

RESP 1100 is required as a prerequisite or a corequisite.

Offered: Fall.

**RESP 1132 Cardiopulmonary Pharmacology** (3-0-3)

A general pharmacology course for the respiratory care professional caring for the acute and subacute patient. Emphasis will be placed on the indications, contraindication, hazards, and routes of administration for the drugs discussed. The pharmacology of the major therapeutic classes of drugs important to respiratory care will be presented.

Corequisites: RESP 1121, RESP 1133.

Prerequisites: RESP 1111, RESP 1131.

Offered: Spring.

**RESP 1133 Cardiopulmonary Anatomy & Physiology** (3-0-3)

A study of the normal and abnormal anatomy and pathophysiology of the cardiac, pulmonary, and renal systems. The mechanisms of homeostatic control for acid/base balance, ventilation, gas transport, and circulation will be addressed. Hemodynamic monitoring will be emphasized.

Corequisites: RESP 1121, RESP 1132.

Prerequisites: RESP 1111, RESP 1131.

Offered: Spring.

**RESP 2110 Mechanical Ventilation and Critical Care** (3-3-4)

This course introduces the critical care modalities of airway management including tracheal suctioning and endotracheal intubation, tracheostomy care, concepts of mechanical ventilation are presented. Other critical care skills such as arterial lines, hemodynamic monitoring, advanced patient monitoring, bronchoscopy, and tracheostomy are presented. Basic math skills are required for this course. Each student may be required to pass a math competency exam to demonstrate proficiency.

Each student will be required to successfully pass a lab competency exam in order to progress to RESP 2210.

Corequisite: RESP 2310.

Prerequisites: RESP 1121, RESP 1132, RESP 1133.

Offered: Summer.

- RESP 2121 Pediatric and Neonatal Respiratory Care** (1-3-2)  
 This course presents the physiological and clinical concepts of mechanical ventilation and critical care monitoring of the pediatric and neonatal patient. The course focuses on respiratory care modalities and concepts specifically related to the pediatric and neonatal patient. Some topics include: ventilator design & function, assessment & monitoring of pediatric/neonatal patients, techniques for improving ventilation & oxygenation, weaning strategies, and labor & delivery. Critical thinking skills will be emphasized to support the application of neonatal/pediatric physician and therapist driven protocols.  
 Corequisite: RESP 2210, RESP 2130.  
 Prerequisites: RESP 2110, RESP 2310.  
 Offered: Fall Semester Sophomore Year.
- RESP 2130 Specialized Areas of Respiratory Care** (2-0-2)  
 This course surveys the important principles and practices of Respiratory Care in the following specialty areas: Pulmonary Function Testing, Polysomnography and Sleep Disorders, Pulmonary Rehabilitation, Geriatric Care, and Home Care. Students will apply the knowledge learned in this course in Practicum III.  
 Corequisites: RESP 2121, RESP 2210.  
 Prerequisites: RESP 2110, RESP 2310.  
 Offered: Fall Semester Sophomore Year.
- RESP 2210 Respiratory Care Practicum II** (0-16-4)  
 A continuation of RESP 1121. Emphasis will be placed on departmental protocols and clinical guidelines. Students are introduced to the care of adult critically ill patients in the Intensive Care unit. Mastery of active hyperinflation therapies, chest physiotherapy, arterial blood punctures analysis, and continued concepts of airway management. The student will be required to attend a competency workshop and successfully complete an intubation Rotation in the Operating Room as part of this course. Students will be required to complete weekly logs and case studies as part of this course.  
 Corequisite: RESP 2121, RESP 2130.  
 Prerequisites: Current CPR, membership to the AARC, RESP 2110, RESP 2310.  
 Offered: Fall.
- RESP 2220 Respiratory Care Practicum III** (0-16-4)  
 Practicum to support content presented in RESP 2121 and 2130. Practical experiences will occur in proportion to emphasis placed on the cognitive content in the companion course. This course may also provide an opportunity for accelerated or advance students to explore additional clinical experiences outside the usual program scope. Emphasis will be placed on the neonatal/pediatric intensive care patient. Students will be required to attend and pass the NRP course.  
 Corequisite: RESP 2321, RESP 2330.  
 Prerequisite: RESP 2121, RESP 2130, RESP 2210.  
 Offered: Spring.

**RESP 2310 Cardiopulmonary Diseases & Treatment** (3-0-3)

A survey course of the clinical pathophysiology of selected cardiopulmonary diseases. The emphasis will be placed on the description of the etiology, clinical manifestation, diagnosis, therapeutics, and prognosis of acute and chronic diseases of the cardiopulmonary patient.

Student will be required to present clinical case studies on the major cardiopulmonary pathologies.

Corequisite: RESP 2110.

Prerequisites: RESP 1121, RESP 1132, RESP 1133.

Offered: Summer.

**RESP 2321 Advanced Cardiac Life Support** (1-3-2)

This course will prepare the student to take and pass the American Heart Association Advanced Cardiac Life saving Course (ACLS.) Students will take the official AHA ACLS course at the end of this course. Students must pass the ACLS course to pass this course.

Prerequisites: RESP 2121, RESP 2130, RESP 2210.

Corequisite: RESP 2220, RESP 2330.

Offered: Spring Semester Sophomore Year.

**RESP 2330 Credential Preparation** (0-3-1)

The course will focus on a review of essential concepts of Respiratory Care with emphasis on content examined by the NBRC entry level and advanced level examinations. Critical thinking skills will be reinforced through presentation and discussion of case studies. Surveys of clinical research literature, and journal articles will be examined. Each student must take and successfully pass the NBRC Self Assessment Exam as a requirement for passing the course, and for graduation from the program.

Prerequisites: RESP 2121, RES 2130, RESP 2210.

Corequisite: RESP 2220, RESP 2321.

Offered: Spring Semester Sophomore Year.

**RESP 2800 Introduction to Respiratory Care and Polysomnography** (1-0-1)

A course introducing students to the healthcare system and the Respiratory Care and Polysomnography professions. Topics will include the history of the Respiratory Care and Polysomnography professions, and a discussion of the future of both. A discussion of the current state of the health care system in the United States, a discussion of job opportunities and areas for advancement available within the professions. An overview of legal and ethical issues impacting Health Care, and particularly Respiratory Care and Polysomnography, in today's Health Care environment. Communication principles and skills needed by Healthcare professionals are discussed. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the accrediting, licensing, and credentialing organizations for both the Respiratory Care and Polysomnography professions, will be examined and the credentialing and licensing processes outlined. A discussion of professionalism and professional behavior will be included.

Prerequisites: Admission to the Accelerated Certificate Program or permission of Program Director.

Corequisites: None.

Offered: On demand.

**RESP 2801 Introduction to the Sleep Lab** (0-8-1)

A course designed to provide students with an overview of the operation of a sleep lab and the skills needed for a career in the polysomnography field. Students will observe the set up, monitoring, and evaluation of sleep studies conducted in the sleep lab.

Prerequisites: Admission to the certificate program.

Corequisite: None.

Offered: Summer Semester.

**RESP 2820 Respiratory Care Essentials for Polysomnography** (3-3-4)

A course designed to develop knowledge of important respiratory care concepts needed by personnel employed in sleep clinics. Topics covered include: Basic respiratory terms and abbreviations; oxygen therapy including oxygen requirements, delivery equipment, storage and distribution equipment, indications for therapy, safety hazards, oxygen uptake and delivery mechanisms, and hypoxia and its effects; physical assessment of the chest in adult, pediatric, and geriatric patients to include inspection, palpation, auscultation, and vital signs; obtaining a cardiopulmonary history; infection control procedures; principles of pulse oximetry including limitations of technology, interpreting results correctly and troubleshooting; basics of blood gas analysis including normal values and primary blood gas disturbances and compensation. The lab portion of the course will provide student's hands on practice in the skills acquired in the lecture portion of the course.

Prerequisites: Admission to the Accelerated Certificate Program or permission of Program Director.

Corequisite: RESP 2800

Offered: On demand.

**RESP 2821 Cardiopulmonary Anatomy, Physiology, and Pathophysiology for Polysomnography** (3-3-4)

A course designed to develop knowledge of normal cardiopulmonary anatomy and physiology and the pathophysiology of selected respiratory diseases needed by personnel employed in sleep clinics. Topics covered include: Basic anatomy of the pulmonary system to include the nose, mouth, upper airway, tracheobronchial tree, the gross and microscopic anatomy of the lungs, structures of the chest wall, the muscles of ventilation, blood supply to the lungs and the neural control of ventilation. The basic physiology of ventilation including pressure gradients, lung compliance, airway resistance and work of breathing, respiration, gas exchange, oxygen uptake and delivery mechanisms. A study of the effects of positive pressure ventilation on the lungs and major organ systems. The application of non invasive positive pressure ventilation including CPAP and BiPAP. The features of selected CPAP and BiPAP machines including alarms, settings, masks and delivery equipment, complications, and troubleshooting. Basic pharmacology important to the pulmonary and cardiovascular systems. Anatomy of the cardiovascular system including the blood, blood vessels, and heart. The application and interpretation of basic ECG's and the recognition of arrhythmias. Physiology of the cardiovascular system including cardiac contraction the concepts of preload afterload and contractility, the control of blood pressure and basic hemodynamic parameters and the assessment of cardiac status. The pathophysiology of the cardiopulmonary systems to include COPD, asthma, neuromuscular disease, central and obstructive sleep apnea, heart failure, hypertension, respiratory failure and pulmonary embolism. The lab portion of the course will provide student's hands on practice in the skills acquired in the lecture portion of the course.

Prerequisites: Admission to the Accelerated Certificate Program or permission of Program Director.

Corequisite: RESP 2800 and RESP 2820.

Offered: As needed.

**RESP 2830 Polysomnography I** (3-4-4)

This course introduces the principles and practices of polysomnography. Topics covered in the course include: the history of sleep medicine and the development of current sleep study techniques, conducting a patient sleep history, physiological aspects of sleep, identification of sleep stages, identification and diagnosis of sleep disorders, patient preparation, equipment setup and calibration, recording and monitoring techniques, documentation, and professional issues pertaining to the field of polysomnography. The lab portion of the course will provide students hands on practice in the skills required in the sleep lab.

Prerequisites: RESP 2801 or permission of instructor.

Corequisites: None.

Offered: As needed.

**RESP 2831 Polysomnography Practicum** (0-20-5)

An introduction to basic polysomnographic procedures performed in the clinical setting. Students will be required to master the skills of: conduction a complete sleep history, patient preparation and equipment hookup and operation, monitoring procedures during the test, and record keeping and documentation. Students will also begin to develop mastery of scoring sleep studies, identification of sleep disorders and development of therapeutic treatment plans.

Prerequisites: RESP 2830.

Corequisites: None

Offered: As needed.

- RESP 2832 Polysomnography II** (3-4-4)  
 A continuation of Polysomnography I. The course will focus on scoring sleep studies, additional tests performed such as split night studies, multiple sleep latency testing, maintenance of wakefulness tests, PAP titration studies and others. Pharmacology important for sleep technologists will also be covered.  
 Prerequisites: RESP 2830, RESP 2831.  
 Corequisites: None.  
 Offered: Ad needed.
- RESP 2833 Polysomnography Practicum II** (0-20-5)  
 A course designed to continue the development of skills and concepts begun in Practicum I. In addition this course will focus more on the scoring of sleep studies, therapeutic interventions used, and more advanced and specialized aspects of polysomnography designed to prepare the student for employment in the sleep lab and to take the RPSGT credentialing examination.  
 Prerequisites: RESP 2830, RESP 2831, RESP 2832.  
 Corequisites: None.  
 Offered: As needed.
- RESP 2834 ACLS for Polysomnography** (0-3-1)  
 This course will prepare the student to take and pass the American Heart Association Advanced Cardiac Life Saving Course (ACLS.) Students will take the official AHA ACLS course at the end of this course. Students must pass the ACLS course to pass this course. Students will have 3 attempts to pass the AHA ACLS test. Students unable to pass in 3 attempts will fail the course.  
 Prerequisite: Admission to the Accelerated Certificate Program or permission of Program Director.  
 Corequisite: None.  
 Offered: On demand.
- RGTE 0199 Regents' Writing Skills** 30 hrs before REGENTS' TEST (2-0-2)  
 The Regents' Writing Skills course is intended to ensure that all graduates of USG institutions possess certain minimum skills in writing. Students learn to evaluate their own writing strengths and weaknesses and work on improving their writing skills so that they are able to write an essay meeting the Regents' criteria.  
 NOTE: Students who have 45 or more college credit hours and/or have not passed the Regents Test Essay are required to enroll in RGTE 0199.  
 Prerequisite: None.  
 Offered: All semesters.
- RGTR 0198 Regents' Reading Skills** 30 hrs before REGENTS' TEST (2-0-2)  
 The Regents' Reading Skills course is intended to ensure that all graduates of USG institutions possess certain minimum skills in reading comprehension. Students work on improving their comprehension of material drawn from a variety of subject areas (social science, natural science and humanities) with various modes of discourse (exposition, narration and argumentation). Critical thinking and the following four major aspects of reading are emphasized: vocabulary in context, inferential and literal comprehension, and analysis.  
 NOTE: Students who have 45 or more college credit hours and/or have not passed the Regents' Test Reading are required to enroll in RGTR 0198.  
 Prerequisite: None.  
 Offered: All semesters.



- RGTW 0197 Regents' Test Workshop** (0-0-0)  
 RGTW 0197 is a tutorial designed to acquaint the student scheduled to take the Regents' Test with testing procedures, as well as to sharpen skills in both reading and writing. Students who have completed the English composition requirements in their program are encouraged to register for RGTW 0197. This course is open only to students who have fewer than 45 college credit hours.  
 Prerequisite: None.  
 Offered: All semesters.
- SCIE 1100 Science, Technology, & Society** (2-0-2)  
 This is an interdisciplinary study of the role of science and technology in society and daily life. Emphasis will be placed upon current advances and political and social consequences. Prerequisites: READ 0099.  
 Offered: Fall, Spring.
- SCIE 2000K Principles of Research Methodology** (1-2-2)  
 This course is designed to teach science majors the basic principles of performing a scientific research project. Each student will identify a problem, perform a literature search, design and perform an experiment, analyze data and present the results.  
 Prerequisites: BIOL 1108K, CHEM 1212K, PHYS 1112K, or consent of Division Chair.  
 Offered: On demand.
- SCIE 2001K Principles of Scientific Instrumentation/Methods** (1-2-2)  
 This course is designed to teach science majors how to properly use scientific instrumentation and methods in field and laboratory studies. Some of the equipment students will use may include: pH meters, data acquisition equipment interfaced with the computer, FTIR, gas chromatograph, spectrophotometer, electrophoretic equipment, etc. An experimental approach will be used to reinforce the hands-on activities.  
 Prerequisite: BIOL 1108K, CHEM 1212K, or PHYS 1112K or consent of Division Chair.  
 Offered: Spring by demand.
- SCIE 2026 Case Studies for special Education Teachers** (3-0-3)  
 This course is restricted to in-service special education teachers. It is a brief summary of the important aspects of environmental science and its relationship to other science areas. Classroom applications will be explored. Laboratory exercises supplement the lecture material. This course does not satisfy any core curriculum requirements.  
 Prerequisites: Restricted to in-service special education teachers.  
 Corequisites: None.  
 Offered: As required.
- SLEP 1100 Introduction to Polysomnography** (1-16-2)  
 A course designed to provide students with an overview of the operation of a sleep lab and the skills needed for a career in the polysomnography field. Students will observe the set up, monitoring, and evaluation of sleep studies conducted in the sleep lab.  
 Prerequisites: Admission to the program.  
 Corequisites: None.  
 Offered: As required.

**SLEP 1101 Polysomnography I** (3-1-4)

This course introduces the principles and practices of polysomnography. Topics covered in the course include: The history of sleep medicine and the development of current sleep study techniques, conducting a patient sleep history, physiological aspects of sleep, identification of sleep stages, identification and diagnosis of sleep disorders, patient preparation, equipment setup and calibration, recording and monitoring techniques, documentation, and professional issues pertaining to the field of polysomnography. The lab portion of the course will provide students hands on practice in the skills required in the sleep lab.

Corequisite: None.

Prerequisite: SLEP 1100, MATH 1001 or higher math, and BIOL 1100K

Offered: On demand

**SLEP 1102 Cardiopulmonary Anatomy & Phy. for Polysomnography** (3-0-3)

A course designed to develop knowledge of normal cardiopulmonary anatomy and physiology and the pathophysiology of selected respiratory diseases needed by personnel employed in a sleep lab. Topics covered include: Basic anatomy of the pulmonary system to include the nose, mouth, upper airway, tracheobronchial tree, the gross and microscopic anatomy of the lungs, structures of the chest wall, the muscles of ventilation, blood supply to the lungs and the neural control of ventilation. The basic physiology of ventilation including pressure gradients, lung compliance, airway resistance and work of breathing, respiration, gas exchange, oxygen uptake and delivery mechanisms. Anatomy of the cardiovascular system including the blood, blood vessels, and heart. The application and interpretation of basic ECG's and the recognition of arrhythmias. Physiology of the cardiovascular system including cardiac contraction, the concepts of preload, afterload, and contractility, the control of blood pressure and assessment of cardiac status based on basic hemodynamic parameters.

Corequisites: None.

Prerequisites: Admission to the program.

Offered: On demand.

**SLEP 1103 Respiratory Modalities for Polysomnography** (3-0-3)

A course designed to develop knowledge of important respiratory care concepts needed by personnel employed in a sleep laboratory. Topics covered include: Basic respiratory terms and abbreviations, oxygen therapy including oxygen requirements, delivery equipment, storage and distribution of equipment, indications for therapy, safety hazards, oxygen uptake and delivery mechanisms, hypoxia and the effects, physical assessment of the chest in adult, pediatric and geriatric patients to include inspection, palpation, auscultation and vital signs, infection control procedures, principles of pulse oximetry including limitations of technology, interpreting results correctly and troubleshooting, basics of blood gas analysis including normal values.

Corequisites: None.

Prerequisites: Admission to the program.

Offered: On demand.

**SLEP 1104 Polysomnography II** (3-1-4)

A continuation of Polysomnography I. This course will focus on scoring sleep studies, additional tests performed as split night studies, multiple sleep latency testing, maintenance of wakefulness tests, PAP titration studies and others.

Corequisites: None.

Prerequisites: SLEP 1100, SLEP 1101 and SLEP 1102.

Offered: On demand.

- SLEP 1105 Pharmacology of Sleep** (2-0-2)  
 A course designed to discriminate between the impacts of drugs used to treat sleep disorders and drugs in common use that affect the polysomnogram.  
 Corequisites: None.  
 Prerequisites: Admission to the Program.  
 Offered: On demand.
- SLEP 1106 Sleep Disorders** (3-0-3)  
 A course designed to identify the major categories of sleep disorders according to the International Classification of Sleep Disorders.  
 Corequisites: None.  
 Prerequisites: Admission to the program.  
 Offered: On demand.
- SLEP 1107 Neuroanatomy & Physiology** (2-0-2)  
 A course designed to identify the stages of sleep and the normal sleep architecture. Students will learn how Neuroanatomy and physiology relates to sleep.  
 Corequisites: None.  
 Prerequisites: Admission to the program.  
 Offered: On demand.
- SLEP 1108 Exam Review/Case Studies** (1-0-1)  
 A course to review policy topic covered throughout the program. After reviewing the material, the student is to take the practice exam offered by the Board of Registered Polysomnographic Technicians.  
 Corequisites: None.  
 Prerequisites: Admission to the program.  
 Offered: On demand.
- SLEP 1109 Management of the Sleep Lab** (2-0-2)  
 A course designed to educate the student by covering topics such as patient and laboratory safety issues, ethics roles and professional behaviors of the sleep technician.  
 Corequisites: None.  
 Prerequisites: Admission to the program.  
 Offered: On demand.
- SLEP 1110 Infant/Pediatric Polysomnography** (2-0-2)  
 A course designed to teach students about the pathophysiology of sleep disorders encountered in infants and children, the scoring criteria used and techniques used in obtaining study.  
 Corequisites: None.  
 Prerequisites: Admission to the program.  
 Offered: On demand.
- SLEP 1111 Polysomnography Practicum I** (0-600-6)  
 An introduction to basic polysomnographic procedures performed in the clinical setting. Students will be required to master the skills of: conducting a complete sleep history, patient preparation and equipment hook-up and operation, monitoring procedures during the test, and record keeping and scoring sleep studies, identification of sleep disorders and development of therapeutic treatment plans.  
 Corequisites: None.  
 Prerequisites: SLEP 1100, SLEP 1101.  
 Offered: On demand.

- SLEP 1112 Polysomnography Practicum II** (0-600-6)  
 A course designed to continue the development of skills and concepts begun in Practicum I. In addition, this course will focus more on scoring of sleep studies, therapeutic intervention, and more advanced and specialized aspects of polysomnography designed to prepare the student for employment in the sleep lab and to take the RPSGT credentialing examination.  
 Corequisites: None.  
 Prerequisites: SLEP 1100, SLEP1101, SLEP 1103, SLEP 1105.  
 Offered: On demand.
- SOCI 1101 Principles of Sociology** (3-0-3)  
 A survey of the discipline of sociology. Topics will include sociological theory, methods and selected substantive areas.  
 Corequisite: Minimum COMPASS reading score of 78 or enrollment in READ 0099.  
 Offered: All semesters.
- SOCI 1160 Introduction to Social Problems** (3-0-3)  
 A theoretical and empirical analysis of selected major social problems confronting American society.  
 Prerequisite: SOCI 1101.  
 Offered: Fall, Spring, Summer.
- SPAN 1001 Elementary Spanish I** (3-0-3)  
 SPAN 1001 is an introduction to listening, speaking, reading, and writing in Spanish, and to the cultures of Spanish-speaking regions.  
 Prerequisites: READ 0099 and ENGL 0099.  
 Offered: All semesters.
- SPAN 1002 Elementary Spanish II** (3-0-3)  
 SPAN 1002 is a continuation of SPAN 1001 with continued listening, speaking, reading and writing in Spanish, and orientation to the cultures of Spanish-speaking regions.  
 Prerequisite: SPAN 1001 or equivalent.  
 Offered: All semesters.
- SPAN 1050 Spanish for Health Care Professionals I** (3-0-3)  
 An introduction to speaking, listening, reading and writing in Spanish, with application in the context of health care related professions. Designed for individuals working or majoring in health care related fields with little or no current proficiency in Spanish, the course presents health care terminology and grammar necessary to accomplish certain tasks required in the workplace, as well as extensive cultural information related to Hispanic culture.  
 Prerequisites: READ 0099 and ENGL 0099.  
 Offered: Fall.
- SPAN 1054 Spanish for Health Care Professionals II** (3-0-3)  
 Continuation of Spanish for Health Care Professionals I. Continued development of speaking, listening, reading and writing skills in Spanish, with application in the context of health care related professions. Designed for individuals working or majoring in health care related fields, the course presents health care terminology and grammar necessary to accomplish certain tasks required in the workplace, as well as extensive cultural information related to Hispanic culture.  
 Prerequisites: SPAN 1050.  
 Offered: Spring.

- SPAN 1058 Spanish for Health Care Professionals III** (3-0-3)  
Continuation of Spanish for Health Care Professionals II. Continued development of speaking, listening, reading and writing skills in Spanish, with application in the context of health care related professions. Designed for individuals working or majoring in health care related fields, the course presents health care terminology and grammar necessary to accomplish certain tasks required in the workplace, as well as extensive cultural information related to Hispanic culture.  
Prerequisite: SPAN 1054.  
Offered: Summer.
- SPAN 2001 Intermediate Spanish I** (3-0-3)  
SPAN 2001 continues SPAN1002 and includes a review of idiomatic expressions and the past tenses, as well as an introduction of new vocabulary, structures, and grammatical concepts. Vocabulary and structures are integrated with cultural highlights.  
Prerequisite: SPAN 1002 or equivalent.  
Offered: Fall.
- SPAN 2002 Intermediate Spanish II** (3-0-3)  
SPAN 2002 continues SPAN 2001, and includes expansion of vocabulary and grammar, and more complex syntax, including hypothetical situations, use of subjunctive mood, and indirect discourse. Emphasis is placed on improving conversational and compositional skills in Spanish, and on heightening the student's awareness of daily life and current events in the Hispanic world as well as Hispanic contributions to the humanities.  
Prerequisite: SPAN 2001 or equivalent.  
Offered: Spring.
- SPAN 2003 Intermediate Spanish III** (3-0-3)  
SPAN 2003 is a study of lexical items and grammatical structures and concepts of the Spanish language. The student will review basic grammatical structures as well as study more advanced linguistic concepts. Emphasis is on speaking and writing skills, though listening and reading skills will also continue to be developed. The course is taught exclusively in Spanish. Active classroom use of the Spanish language is mandatory and expected; speaking English will neither be permitted nor tolerated.  
Prerequisite: SPAN 2002 or equivalent.  
Offered: On demand.
- THEA 1000 Theatre Practicum** (0-3-1)  
This theatre practicum course is open to all students in theatre and drama who have a role and/or do technical work on the dramatic production of the semester. May be taken each semester to a maximum of four semester hours.  
Prerequisite: None.  
Offered: Fall, Spring.
- THEA 1100 Theater Appreciation** (3-0-3)  
This course includes the survey and critical appreciation of Theatre. A first-level course designed to introduce theatre majors and non-majors to eras of theatre history and dramatic literature and to demonstrate how theatre practitioners form a collaborative working unit which results in a performance-ready production. No previous experience required.  
Prerequisite: None.  
Offered: Fall.

- THEA 1105 Acting** (3-0-3)  
 Fundamental theories, principles, and techniques of acting with training in pantomime, improvisation, stage movement, characterization, and motivation. Eras of theatre and acting styles will also be explored.  
 Prerequisite: None.  
 Offered: Fall.
- THEA 1111 Creative Dramatics for Elementary School Teachers** (2-2-3)  
 This course will introduce various techniques for presenting dramatics in the elementary school, including building a play, creating simple scenic elements, and various forms of puppetry.  
 Prerequisites: None.  
 Co-requisites: None.
- THEA 1175 Script Analysis** (2-0-2)  
 An introductory course designed to familiarize students with the vocabulary, methods, and skills necessary for understanding how dramatic literature is transformed from the printed page into a working play script.  
 Prerequisite: None.  
 Offered: Spring in even numbered years.
- THEA 1710 Improvisation** (0-1-1)  
 An introductory course designed to enable students, individually and in groups, to learn process-centered performance techniques using unscripted concepts. Students are introduced to basic principles of stage movement, vocal technique, and creative dramatics.  
 Prerequisite: None.  
 Offered: Spring in even numbered years.
- THEA 2100 Stagecraft** (3-0-3)  
 This course will introduce the student to basic stage technology and terminology as applied to overall theatre production. Basic scenery construction techniques will be taught through classroom instruction and laboratory participation. Standard drafting skills will be introduced for the purpose of communicating technical data for scenery construction crew.  
 Prerequisite: None.  
 Offered: Fall, Spring, as needed.
- THEA 2105 Oral Interpretation** (3-0-3)  
 Communicating the meaning of literature, prose, and poetry through the techniques of oral reading.  
 Prerequisites: None.  
 Offered: On demand
- THEA 2210 Voice and Diction** (3-0-3)  
 An introduction to vocal training for the production of Standard American Speech with an emphasis on resonance, breath control, vocal relaxation and posture using the International Phonetic Alphabet (IPA) and a variety of approaches to contemporary vocal training.  
 Prerequisites: ENGL 0099 and READ 0099.  
 Offered: Spring, odd-numbered years.

- THEA 2301 Scene Design for the Stage** (2-4-3)  
 This course will introduce the student to the fundamental elements of scenic design. Several styles of staging, proscenium stage, black box, outdoor and variations of theatre in the round, will be discussed. Students will learn the basics of stage drafting and scale modeling in order to convey basic design ideas to others. Period design and decoration will be discussed.  
 Prerequisites: THEA 2100 or permission of instructor.  
 Offered: Fall, Spring.
- THEA 2306 Lighting Design for the Stage** (2-4-3)  
 This course will introduce the student to the fundamental elements of lighting design. Through discussion of lighting equipment (dimming and fixtures) and accessories (color medium, projection patterns, effect generators), technique and style, the student will gain basic knowledge of stage lighting and its impact on theatrical production.  
 Prerequisites: THEA 2100.  
 Offered: Spring.
- THEA 2312 Sound Design for the Stage** (2-4-3)  
 This course will acquaint the student with the process of sound design for theatrical production. Basic instruction will deal with the equipment and technique necessary to reproduce sound effects and background music for the stage.  
 Prerequisite: THEA 2100.  
 Offered: On demand.
- THEA 2315 Computer Applications for the Stage** (2-2-3)  
 This course will provide the student with an overview of computer applications as they relate to theatre production. CAD for stage design and computer enhanced stage equipment will be discussed.  
 Prerequisites: Enrollment in Technical Theatre Certificate Programs or by permission of instructor.  
 Offered: On demand.
- THEA 2500 Production Workshop** (3-0-3)  
 This course enables students to collaborate as a production team to present one or more plays in public performance. Fundamental theories of play selection, casting, scheduling, budgeting, design choices, publicity, stage management, and rehearsal techniques will be applied to the process of play production.  
 Prerequisites: THEA 1100 or THEA 1105 or permission of the instructor.  
 Offered: Spring.
- VETT 1100 Introduction to Veterinary Technology** (1-0-1)  
 This course provides an introduction to many of the aspects of the Veterinary Technician's career. Included will be information about ethics, career choices, occupational safety, human animal bonds, pet loss, and euthanasia.  
 Prerequisites: None.  
 Offered: Fall.
- VETT 1211K Anatomy and Physiology I for the Vet Tech** (2-4-3)  
 This course will prepare students to compare and identify anatomical structures and basic physiological functions. Identification of anatomical structures during lab dissections will reinforce understanding of physiological processes.  
 Prerequisites: BIOL 1107K, VETT 1100.  
 Offered: Spring.

- VETT 1212K Anatomy and Physiology II for the Vet Tech** (2-4-3)  
 This course is a continuation of VETT 1211K. Additional anatomical structures and physiological processes of domestic animals will be addressed.  
 Prerequisites: VETT 1211K.  
 Offered: Summer.
- VETT 2110K Microbiology for the Vet Tech** (3-3-4)  
 This course will introduce the student to the clinical laboratory, equipment and basic laboratory procedures. Techniques for the identification of parasites of domestic animals will be emphasized.  
 Corequisite: VETT 1212K.  
 Prerequisites: CHEM 1151K,  
 Offered: Summer
- VETT 2111K Pharmacology for the Vet Tech** (3-3-4)  
 This course will introduce the regulations controlling the use of biologicals and pharmaceuticals in the management of animal disease. Additional topics will include the classifications of pharmaceuticals in the management of animal disease. Additional topics will include the classifications of pharmaceuticals, rationale and precautions for therapeutic use, dosage calculations, labeling, packaging and dispensing of veterinary products.  
 Prerequisites: VETT 2110K.  
 Offered: Fall.
- VETT 2112K Diseases and Preventive Medicine for the Vet Tech** (2-3-4)  
 This course will discuss principles of the disease process. Diseases of public health significance, as well as disease control and management practices will be emphasized. Other topics will include awareness of the cause of disease, the effects of disease on the body, and disease control and management procedures.  
 Prerequisites: VETT 2110K.  
 Offered: Fall.
- VETT 2210K Surgical Nursing for the Vet Tech** (3-3-4)  
 This course will cover the use of anesthetics, anesthesia principles, patient monitoring, pre-surgery preparation and post-surgery treatment, principles of surgery and sterilization, and surgical assisting. Dosage calculations will be reinforced, and maintenance of anesthesia and surgical equipment will be introduced.  
 Prerequisites: VETT 2111K.  
 Offered: Spring.
- VETT 2211K Veterinary Nursing Procedures** (3-3-4)  
 This course will introduce concepts of record maintenance, history taking, animal restraints, animal husbandry, syringe/needle identification and handling, and venipuncture procedures. Techniques emphasized will include initial physical examination, bathing, grooming, nail trimming, dermatological examination, application of medications, treatment of eyes, ears, and skin, and injection techniques. This course will also include concepts of the necessary care of kennel animals.  
 Prerequisites: VETT 2112K.  
 Offered: Spring.



**VETT 2212K Internship for the Vet Tech** (0-5-1)

This course provides internship experience within a veterinary clinic, or hospital, laboratory, research facility, or zoological park. Students will observe, assist, and perform tasks as directed by the veterinary staff at the facility. Assessment of student skill mastery will be done by college faculty in collaboration with veterinary staff at each site.

Pre- or Co-requisites: VETT 2210K, VETT 2211K.

Offered: Spring.