Catalog Addendum 2024-2025

This list reflects changes since the publication of the 2024-2025 Catalog.

	Curriculum Proposals	Changes	Proposed Date	Approval Date
1	**AMT112 Computer Aided Design I** From: CAD I is an introductory computerized drafting course using CAD software. Software is used to create, modify, store, and manage drawings and related files. Students will have extensive hands-on instruction using microcomputers, printers, plotters, and CAD software. To: Computer-Aided Design I is a computerized drafting course using AutoCAD software. Software is used to create, modify, store, and manage drawings and related files. Students will have extensive hands-on instruction using microcomputers, printers, plotters, and CAD software Recommended Effective Date of Implementation: Spring 2025	▪ Revised course description	*9/6/24 (Curriculum Committee)*	*10/11/24 (Curriculum Committee)*
2	**AMT211 Computer Aided Design II** From: AMT 211 is a continuation of computerized drafting using CAD software. The course includes advanced features of software and an introduction to 3D drawings. Students will have extensive hands-on instruction using microcomputers, printers, plotters, and CAD software. Prerequisite: AMT 112. To: Computer Aided Design II is a computerized drafting course using Inventor software. The course includes advanced features of software and an introduction to 3D drawings. Students will have extensive hands-on instruction using microcomputers, printers, plotters, and CAD software. Recommended Effective Date of Implementation: Spring 2025	▪ Revised prerequisite ▪ Revised course description	*9/6/24 (Curriculum Committee)*	*10/11/24 (Curriculum Committee)*
3	**ECN101 Macroeconomics** From: This course includes a study of basic concepts relating to supply, demand, business organization, income, taxation, money and banking, consumption and savings and investment. This course applies these concepts and their interrelationships to such problems as the general level of economic activity employment and unemployment, inflation and monetary and fiscal policies and economic growth and development. To: Economics is a social science concerned with how individuals, institutions and society make optimal choices under conditions of scarcity. Macroeconomics examines the performance and behavior of the economy as a whole. It focuses on economic growth, the business cycle, interest rates, inflation and the behavior of major economic aggregates such as the government, household and business sectors. Macroeconomics seeks to obtain an overview of the economy and the relationships of its major aggregates. Macroeconomics speaks of such economic measures as total output, total employment, total income, aggregate expenditures, and the general level of prices. Recommended Effective Date of Implementation: Spring 2025	▪ Revised course description	*9/6/24 (Curriculum Committee)*	*10/11/24 (Curriculum Committee)*

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4	**ECN102 Microeconomics** From: A description and analysis of the behavior of households and business firms in the economy. The course includes the analysis of supply and demand, price and output determination in competitive and noncompetitive markets, the cost of production of goods and services, resource markets, economic institutions and international trade. To: Economics is a social science concerned with how individuals, institutions and society make optimal choices under conditions of scarcity. Microeconomics is concerned with decision making by individual customers, workers, households, and business firms. At this level of analysis, measurement of the price of a specific product, the revenue or income of a particular firm or household or the expenditures of a specific firm, government entity or family is examined. Recommended Effective Date of Implementation: Spring 2025	▪ Revised course description	*9/6/24 (Curriculum Committee)*	*10/11/24 (Curriculum Committee)*
5	**Associate of Arts in Teaching** Elementary Statistics (MTH160) will be added as a math graduation requirement for the AAT. Recommended Effective Date of Implementation: Fall 2024	▪ Revised program	*9/6/24 (Curriculum Committee)*	*10/11/24 (Curriculum Committee)*
6	**Associate of Science in Biology** Microbiology (BIO206) will be added as a technical elective option for the AS Biology Degree. Recommended Effective Date of Implementation: Fall 2024	▪ Revised program	*9/6/24 (Curriculum Committee)*	*10/11/24 (Curriculum Committee)*
7	**AAS Respiratory Care** The AAS in Respiratory Care will be a 1+1 degree program to prepare students to practice as Registered Respiratory Therapist (RRT) and to become state licensed as a Respiratory Care Practitioner. This program will be a Missouri Health Consortium Program (MPHC) coordinated by East Central College (ECC). ECC will be the fiscal agent. This will be a hybrid program with a combination of synchronous and asynchronous theory delivery with labs at ECC and in Columbia. Recommended Effective Date of Implementation: Fall 2025	▪ New program	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
8	**RSC101 Fundamentals of Respiratory Care, 3-0-3** This course introduces foundational concepts of respiratory therapy and begins the development of a knowledge base necessary to succeed as a skilled respiratory therapist. The history of Respiratory Care as well as the profession will be examined. The principles of quality care, infection prevention, and ethical and legal issues associated with the delivery of respiratory care will be discussed in detail. The principles of physics and chemistry will be presented in relation to oxygen and carbon dioxide transport and gas exchange. There will also be a brief introduction to research in respiratory care. Prerequisite: Admission to the MHPC Respiratory Care Program Corequisite: RSC 105, 110, 115, 120, 121 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ **see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*

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9	**RSC105 Introduction to Respiratory Disease, 3-0-3** This course provides information on various diseases that affect the lung and are commonly encountered by respiratory therapists in daily practice. Each disease is discussed in terms of its pathophysiology, etiology of the disease process, and cardiopulmonary clinical manifestations associated with the disorder. Students will have a chance to discuss disease management and prognosis associated with acute and chronic illness. As part of the learning process, students will be assigned to develop a case report focusing on a patient they have personally worked with during their clinical practicum. The assignment is designed to hone information gathering and decision-making skills in the diagnosis and treatment of patients with cardiopulmonary or related disorders. Prerequisite: Admission to the MHPC Respiratory Care Program Corequisite: RSC 101, 110, 115, 120, 121 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
10	**RSC110 Respiratory Physiology, 3-0-3** This course will introduce the student to normal anatomy and physiology of the cardiopulmonary system. Students will focus on the etiology and treatment of both pulmonary and cardiac diseases, with emphasis on the pulmonary system. Diagnostic systems commonly used in the hospital to evaluate these systems will also be discussed. Topics include the respiratory system, ventilatory mechanics, gas transport and blood flow. Emphasis will be on the importance of the heart-lung relationship. Prerequisite: Admission to the MHPC Respiratory Care Program Corequisite: RSC 101, 105, 115, 120, 121 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
11	**RSC115 Respiratory Equipment & Therapeutics, 3-0-3** This course introduces the basic therapeutics of respiratory care. Students will be taught patient assessment techniques designed to evaluate therapy effectiveness and patient progress. Therapeutic modalities are presented to help students understand the principles of application to patients, indications, contraindications, and hazards, and to gain familiarity and experience with initiation of basic respiratory therapeutics. Emphasis will be on theory and operation as well as troubleshooting and reprocessing of equipment. Students will be hands- on with equipment, devices, and techniques that are essential for providing basic respiratory care to patients with cardiopulmonary dysfunction. Prerequisite: Admission to the MHPC Respiratory Care Program Corequisite: RSC 101, 105, 110, 120, 121 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*

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12	**RSC120 Respiratory Care Clinical I, 0-2-2** Students will work under the direct supervision of a clinical instructor or preceptor. This is an introductory clinical experience for the student to practice the respiratory care skills obtained in RSC 121. The student will perform direct patient care by evaluating patients' medical records, assessing patients and administering basic care including oxygen therapy, humidity and aerosol therapy, hyperinflation therapy, and bronchial hygiene therapy. Students will interact with members of the healthcare team to optimize the patient's care management. Students will also have the opportunity to disinfect and reprocess equipment and may be involved in emergent medical situations to include cardiopulmonary resuscitation and the use of manual resuscitators. Students may also be exposed to emergent bedside procedures such as thoracentesis, bronchoscopy, and intubation. Prerequisite: Admission to the MHPC Respiratory Care Program Corequisite: RSC 101, 105, 110, 115, 121 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
13	**RSC121 Respiratory Care Lab I, 0-1-1** This course provides hands-on experience for students to apply the cognitive knowledge they've gained in their introductory courses to simulated hospital and patient care experiences. The student will develop psychomotor skills to enhance their confidence as they prepare for hospital clinical rotations and working with actual patients. The basic clinical competencies taught in introductory courses are studied and practiced in the simulation setting with peer and instructor feedback to improve technique. Competencies can be completed in the Clinical Practicum setting as time and resources permit Prerequisite: Admission to the MHPC Respiratory Care Program Corequisite: RSC 101, 105, 110, 115, 120 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
14	**RSC150 Advanced Respiratory Care, 3-0-3** This course introduces students to the concepts of critical care. Students will be exposed to all aspects of providing respiratory care in high acuity situations in the intensive care unit, emergency department, rapid response situations, and inter/intra-hospital transport of patients requiring ventilatory support. Covered material includes resuscitation, intubation/ventilation/weaning/extubation, stabilization, hemodynamic monitoring, arterial lines/blood gas analysis, and non-invasive ventilation. Students will be hands-on with equipment, devices, and techniques that are essential for providing high level respiratory care to patients in need of intensive care. At the end of this course, students will have the ability and confidence to effectively manage critically ill respiratory patients. Prerequisite: RSC 101, 105, 110, 115, 120, 121 with a minimum score of a "C" Corequisite: RSC 155, 160, 165, 170, 171 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*

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15	**RSC155 Mechanical Ventilation, 3-0-3** This course is an introduction to mechanical ventilation. The focus will be on ventilator classification, principles and operational characteristics of the equipment that is currently available in the market. Invasive and non-invasive ventilation techniques will be covered. Students will learn about indications for mechanical ventilation, complications of positive pressure ventilation, and the physiologic effects of mechanical ventilator use. As students' progress through the course, they will acquire knowledge in ventilator initiation as well as ongoing patient/ventilator management. Students will gain an understanding of the critical importance of patient assessment for weaning, and practice techniques for liberating patients from ventilatory support. Prerequisite: RSC 101, 105, 110, 115, 120, 121 with a minimum score of a "C" Corequisite: RSC 150, 160, 165, 170, 171 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ **see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
16	**RSC160 Cardiopulmonary Diagnostics, 3-0-3** This course is designed to increase the respiratory students' knowledge and understanding of cardiopulmonary diagnostic assessment. Standard diagnostic testing and assessments are presented to include physical examination, blood chemistries and hematology, imaging studies, pulmonary function testing, bronchoscopy, thoracentesis, electrocardiograms, and hemodynamics. At the end of this course, students will have the ability to know which assessments/testing to use when evaluating a patient, and how to analyze the data gathered from these assessments to appropriately evaluate their patients and detect potential problems. Prerequisite: RSC 101, 105, 110, 115, 120, 121 with a minimum score of a "C" Corequisite: RSC 150, 155, 165, 170, 171 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ **see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
17	**RSC165 Respiratory Pharmacology, 2-0-2** This course is designed to increase the respiratory student's knowledge and understanding of medications used in therapeutic management of patients with cardiopulmonary disease. The course is a study of the properties, effects, and therapeutic value of the medications most commonly used in the practice of respiratory care. At the end of this course students will understand drug classification, routes of administration, dosage calculations and physiological interactions. Prerequisite: RSC 101, 105, 110, 115, 120, 121 with a minimum score of a "C" Corequisite: RSC 150, 155, 160, 170, 171 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ **see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*

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18	**RSC170 Respiratory Care Clinical II, 0-2-2** Students will work under the direct supervision of a clinical instructor or preceptor. This second clinical practicum is an opportunity for the student to gain clinical experience and additional clinical practice for the respiratory care skills obtained in their Mechanical Ventilation and Advanced Respiratory Care courses. The student will perform direct patient care by evaluating patients' medical records, assessing patients and administering basic care including oxygen therapy, humidity and aerosol therapy, hyperinflation therapy, and bronchial hygiene therapy. Students will interact with members of the healthcare team to optimize the patient's care management. Students will also have the opportunity to perform blood gas puncture and analysis, and practice airway management skills. The student may be involved in emergency medical situations such as cardiopulmonary resuscitation and the use of manual resuscitators. Students will begin caring for patients needing ventilatory support, and this will provide students with opportunities to begin working with non-invasive positive pressure machines as well as providing some limited exposure to mechanical ventilators. Prerequisite: RSC 101, 105, 110, 115, 120, 121 with a minimum score of a "C" Corequisite: RSC 150, 155, 160, 165, 171 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
19	**RSC171 Respiratory Care Lab II, 0-1-1** This course provides hands-on experience for students to apply the cognitive knowledge they've gained in previous courses to simulated hospital and patient care experiences. The student will develop psychomotor skills to enhance their confidence as they begin their hospital clinical rotations and work with actual patients. The clinical competencies taught in concurrent courses are studied and practiced in the simulation setting with peer and instructor feedback to improve technique. Competencies can be completed in the Clinical Practicum setting as time and resources permit. Prerequisite: RSC 101, 105, 110, 115, 120, 121 with a minimum score of a "C" Corequisite: RSC 150, 155, 160, 165, 170 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
20	**RSC201 Neonatal & Pediatric Respiratory Care, 3-0-3** This course introduces care concepts and skills for providing respiratory therapy to the neonatal/pediatric population. Learning emphasis is placed on the knowledge and skills needed to assess and treat the neonatal/pediatric patient including the development and physiology of the fetal and neonatal lung, perinatal circulation, and neonatal/pediatric pulmonary disorders. The curriculum focuses on respiratory care techniques, airway management, mechanical ventilation, and drugs/dosages appropriate for treatment of neonatal and pediatric patients. Prerequisite: RSC 101, 105, 110, 115, 120, 121, 150, 155, 160, 165, 170 & 171 with a minimum of "C" Corequisite: RSC 205, 220, 221, 250, 251, 290 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*

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21	**RSC205 Specialized Respiratory Procedures, 3-0-3** This course provides an opportunity for the advanced respiratory therapy student to observe and, in several cases, participate in special diagnostic procedures that are commonly used to assess cardiopulmonary patients. The course is an introduction to areas that require further training and competency before students are ready to practice in those areas, but it may provide insight as to the options students will have upon graduation. At the completion of this course, students will be able to clearly define the diagnostic information that can be obtained through these specialized procedures, and how that information is used to inform the patient's care plan. Prerequisite: RSC 101, 105, 110, 115, 120, 121, 150, 155, 160, 165, 170 & 171 with a minimum of "C" Corequisite: RSC 201, 220, 221, 250, 251, 290 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ **see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
22	**RSC220 Respiratory Care Clinical III, 0-2-2** Students are assigned to a clinical site for a total of 8 weeks and will work under the direct supervision of a clinical instructor or preceptor. This third clinical practicum is an opportunity for the student to gain clinical experience and additional clinical practice for the respiratory care skills obtained in their Mechanical Ventilation and Advanced Respiratory Care courses. The student will perform direct patient care by evaluating patients' medical records, assessing patients, and administering basic care including oxygen therapy, humidity and aerosol therapy, hyperinflation therapy, and bronchial hygiene therapy. Students will interact with members of the healthcare team to optimize the patient's care management. Students will also have the opportunity to perform blood gas puncture and analysis, and practice airway management skills. The student may be involved in emergency medical situations such as cardiopulmonary resuscitation and the use of manual resuscitators. Students will also rotate in the adult ICU and provide care to patients who require advanced respiratory care and ventilatory support. Students will also have the opportunity to provide care to pediatric patients with breathing difficulties . Prerequisite: RSC 101, 105, 110, 115, 120, 121, 150, 155, 160, 165, 170 & 171 with a minimum of "C" Corequisite: RSC 201, 205, 221, 250, 251, 290 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ **see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
23	**RSC211 Respiratory Care Lab III, 0-1-1** Students are assigned to a clinical site for a total of 8 weeks and will work under the direct supervision of a clinical instructor or preceptor. This fourth clinical practicum is an opportunity for the student to gain advanced clinical experience and additional clinical practice in providing care to critically ill adult, pediatric, and neonatal patients. The student will also be exposed to specialty diagnostic equipment and may assist physicians with procedures such as bronchoscopy and thoracentesis. Students will learn about pulmonary function testing and increase their knowledge of cardiopulmonary stress testing and ECG testing. Prerequisite: RSC 101, 105, 110, 115, 120, 121, 150, 155, 160, 165, 170 & 171 with a minimum of "C" Corequisite: RSC 201, 205, 220, 250, 251, 290 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ **see item 30 for revised pre/corequisites*	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*

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24	**RSC250 Respiratory Care Clinical IV, 0-2-2** Students are assigned to a clinical site for a total of 8 weeks and will work under the direct supervision of a clinical instructor or preceptor. This fourth clinical practicum is an opportunity for the student to gain advanced clinical experience and additional clinical practice in providing care to critically ill adult, pediatric, and neonatal patients. The student will also be exposed to specialty diagnostic equipment and may assist physicians with procedures such as bronchoscopy and thoracentesis. Students will learn about pulmonary function testing and increase their knowledge of cardiopulmonary stress testing and ECG testing. Prerequisite: RSC 101, 105, 110, 115, 120, 121, 150, 155, 160, 165, 170 & 171 with a minimum of "C" Corequisite: RSC 201, 205, 220, 221, 251, 290 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
25	**RSC251 Respiratory Care Lab IV, 0-1-1** This course provides hands-on experience for students to apply the cognitive knowledge they've gained in previous courses to simulated hospital and patient care experiences. The student will continue their development of psychomotor skills with advanced and specialty procedures to enhance their confidence as they prepare for graduation and employment. The advanced clinical competencies taught in concurrent courses are studied and practiced in the simulation setting with peer and instructor feedback to improve technique. Competencies can be completed in the Clinical Practicum setting as time and resources permit. Prerequisite: RSC 101, 105, 110, 115, 120, 121, 150, 155, 160, 165, 170 & 171 with a minimum of "C" Corequisite: RSC 201, 205, 220, 221, 250, 290 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*
26	**RSC290 Respiratory Care Capstone, 3-0-3** This is a summation course designed to prepare the student for the National Board for Respiratory Care (NBRC) Therapist Multiple-Choice Examination (TMC) and the Clinical Simulation Examination (CSE). Topics include licensure, certification, and registration procedures. Material from all previous coursework is reviewed with an emphasis on problem solving scenarios. Participants will have access to the TMC and CSE practice exams. Advanced lifesaving certifications will be earned during this review course, and participants will also have the opportunity to develop a professional portfolio highlighting their employability skills as they transition from student to professional. Prerequisite: RSC 101, 105, 110, 115, 120, 121, 150, 155, 160, 165, 170 & 171 with a minimum of "C" Corequisite: RSC 201, 205, 220, 221, 250, 251 with a minimum score of a "C" Recommended Effective Date of Implementation: Fall 2025	▪ New course ▪ *see item 30 for revised pre/corequisites	*9/6/24 (Curriculum Committee)*	*9/6/24 (Curriculum Committee)*

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27	**Early Childhood Support, Certificate of Specialization** The Certificate of Specialization in Early Childhood Support will be a program requiring 18 credit hours. This curriculum will support early childhood professionals seeking careers in the areas of home visiting and family support. ECE120 Nutrition, Safety and Health-3 credits ECE130 Essentials of Infant/Toddler Care-3 credits ECE140 Play as Learning-3 credits ECE220 Working with Families-3 credits Directed Electives-6 credits Directed Elective Options: BHS100 Introduction to Behavioral Health Support-3 credits ECE110 Foundations of ECE-3 credits ECE150 CDA Seminar-2 credits ECE165/ECE175 Assessment in ECE I/II-1 credit each SOC105 Intro to Social Work and Social Welfare Recommended Effective Date of Implementation: Spring 2025	▪ New program	*9/6/24 (Curriculum Committee), revised 10/11/24*	*10/11/24 (Curriculum Committee)*
28	**Associate of Arts in Teaching** The MoGEA exit exam has been removed as a graduation requirement for the AAT degree. Exit exams are no longer required for graduation.	▪ Information Item	*10/11/24 (Curriculum Committee)*	*Does not require formal approval.*
29	**AAS Aviation Flight Technology** Name change to AAS Aviation Commercial Pilot Recommended Effective Date of Implementation: Spring 2025	▪ Revised program	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*
30	**AAS Respiratory Care Courses** RSC 101 Fundamentals of Respiratory Care RSC 105 Introduction to Respiratory Care RSC 110 Respiratory Physiology RSC 115 Respiratory Equipment & Therapeutics RSC 120 Respiratory Care Clinical I RSC 121 Respiratory Care Lab I RSC 150 Advanced Respiratory Care RSC 155 Mechanical Ventilation RSC 160 Cardiopulmonary Diagnostics RSC 165 Respiratory Pharmacology RSC 170 Respiratory Care Clinical II RSC 171 Respiratory Care Lab II RSC 201 Neonatal & Pediatric Respiratory Care RSC 205 Specialized Respiratory Procedures RSC 220 Respiratory Care Clinical III RSC 221 Respiratory Care Lab III RSC 250 Respiratory Care Clinical IV RSC 251 Respiratory Care Lab IV RSC 290 Respiratory Care Capstone From: The specific prerequisites and corequisites will be removed from all the program courses. To: Prerequisite/Corequisite: RSC professional coursework must be completed in sequence as outlined on the academic map. Recommended Effective Date of Implementation: Fall 2025	▪ Revised pre/ corequisite	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*

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31	**Practical Nursing Certificate** PNC103 Basic Nutrition will be deleted with the content incorporated into PNC119 Fundamentals of Practical Nursing and reinforced in PNC111/PNC122 Nursing Care of Adults I/II. One credit hour will be added to PNC119, and the overall program credit hours will decrease from 51 to 50 credit hours. Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*
32	**PNC103 Basic Nutrition** PNC103 Basic Nutrition will be deleted with the content incorporated into PNC119 Fundamentals of Practical Nursing and reinforced in PNC111/PNC122 Nursing Care of Adults I/II. One credit hour will be added to PNC119, and the overall program credit hours will decrease from 51 to 50 credit hours. Recommended Effective Date of Implementation: Fall 2025	▪ Deleted course	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*
33	**PNC119 Fundamentals of Nursing Practice** From: Credit Hours: 7-4.5-9 Course Description: This course combines theory, laboratory, and clinical experiences to provide the novice practical nursing student with knowledge and skills to perform basic data collection, assist the client in meeting activities of daily living and providing care within the clinical setting. Concepts include health and wellness, hygiene, environmental cleanliness and safety, rest, sleep and comfort, positioning and ambulation, sensory perception, intake and output, vital signs, immunity and infection control, alterations in skin integrity, altered patterns of urinary and bowel elimination, oxygenation, nursing process and physical assessment. Integrated concepts include age variations in client care, cultural considerations, and the role of the Licensed Practical Nurse on the health care team. To: Credit Hours: 8-4.5-10 Course Description: This course combines theory, laboratory, and clinical experiences to provide the novice practical nursing student with knowledge and skills to perform basic data collection, assist the client in meeting activities of daily living and providing care within the clinical setting. Concepts include health and wellness, hygiene, environmental cleanliness and safety, rest, sleep and comfort, positioning and ambulation, sensory perception, basic nutrition, intake and output, vital signs, immunity and infection control, alterations in skin integrity, altered patterns of urinary and bowel elimination, oxygenation, nursing process and physical assessment. Integrated concepts include age variations in client care, cultural considerations, and the role of the Licensed Practical Nurse on the health care team. Recommended Effective Date of Implementation: Fall 2025	▪ Revised course description ▪ Revised number lecture/lab/credit hours	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*
34	**Virtual Associate Degree Nursing – Bridge Option** Name change to: LPN to ADN Bridge Recommended Effective Date of Implementation: January 2025	▪ Program name change	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*
35	**NUR109 Introduction to Mental Health Nursing** Recommended Effective Date of Implementation: Fall 2024	▪ Deleted course	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*
36	**NUR111 Mental Health Nursing** Recommended Effective Date of Implementation: Fall 2024	▪ Deleted course	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*

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37	**ART225 Art for the Elementary Teacher** Name/Prefix/Course Number/CIP: From: ART 225 Art for the Elementary Teacher, 50.0799 To: EDU 210 Arts in Elementary Education, 13.9999 Course Description: From: The purposes and philosophies of elementary art education will be examined. This course will orient the student to the elementary art teacher's role, giving the student an opportunity to develop lesson plans and to work with various media and processes used in the elementary art program. This course may be taken for preprofessional education credit. To: Designed for future educators, this course introduces students to the importance of integrating music, drama, visual arts, and movement into early childhood and elementary education. Through project-based assignments and collaborative projects, students will learn to create engaging, cross-curricular experiences that enrich the educational landscape. Recommended Effective Date of Implementation: Spring 2025	▪ Revised course name ▪ Revised prefix ▪ Revised CIP code ▪ Revised course number ▪ Revised course description	*12/6/24 (Curriculum Committee)*	*12/10/24 (Curriculum Committee)*
38	**AAS Veterinary Technician** Course credit hours and prerequisites will be adjusted and a dentistry course will be added. The proposed changes are in alignment with the material presented on the VTNE (Veterinary Technician National Examination) exam. Additionally, the GPA requirement for admissions will be increased from 2.25 to 2.5. Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*2/21/25 (Curriculum Committee)* *Revised 3/14/25*	*3/14/25 (Curriculum Committee)*
39	**VTT220 Clinical Rotations II** Recommended Effective Date of Implementation: Fall 2025	▪ Deleted course	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
40	**VTT225 Veterinary Dentistry, 1-2-2** Dental anatomy, terminology, oral examination, dental instruments and equipment, local anesthesia, steps to a complete prophy, periodontal disease, and intraoral imaging. Recommended Effective Date of Implementation: Fall 2025	▪ New course	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
41	**VTT224 Veterinary Technology Capstone** From: 1-0-1 To: 3-0-3 Recommended Effective Date of Implementation: Fall 2025	▪ Revised number lecture/lab/credit hours	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
42	**VTT200 Clinical Practicum** From: None To: Completion of PHY120 Foundations of Chemistry or PHY121 General Chemistry I with a grade of C or higher Recommended Effective Date of Implementation: Fall 2025	▪ Revised prerequisite	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*

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43	**VTT221 Diagnostic Imaging** From: 2-2-3 To: 1-2-2 Recommended Effective Date of Implementation: Fall 2025	▪ Revised number lecture/lab/credit hours	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
44	**VTT210 Clinical Rotations I** From: Clinical Rotations I To: Clinical Rotations Recommended Effective Date of Implementation: Fall 2025	▪ Revised course name	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
45	**Early Childhood Certificate** The updated certificate will require 9 courses (24 credits) and 8 hours in electives for a minimum of 32 hours total. Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
46	**ECE230 Guidance and Inclusion** From: Guidance and Inclusion To: Guidance, Support, and Interventions in Early Childhood Education Recommended Effective Date of Implementation: Fall 2025	▪ Revised course name	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
47	**Associate of Arts in Teaching** The changes to the program will include the following: • Changing the required overall GPA to graduate from 2.75 to 2.5 • Removing Education Capstone EDU295 as a required course • Requiring both Multicultural Education EDU233 and Education of Exceptional Learners EDU242 (prior to this a student could choose one or the other) • Changing the required total elective hours from 6 to 5-6. Recommended Effective Date of Implementation: Summer 2025	▪ Revised program	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
48	**MLT210 Immunology** From: 2-4-3 To: 2-2-3 Recommended Effective Date of Implementation: Spring 2025	▪ Revised number lecture/lab/credit hours	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
49	**MLT220 Clinical Chemistry and Urinalysis** From: 4-4-5 To: 4-2-5 Recommended Effective Date of Implementation: Spring 2025	▪ Revised number lecture/lab/credit hours	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
50	**MLT250 Hematology and Coagulation** From: 4-4-5 To: 4-2-5 Recommended Effective Date of Implementation: Spring 2025	▪ Revised number lecture/lab/credit hours	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*

	Curriculum Proposals	Changes	Proposed Date	Approval Date
51	**MLT260 Phlebotomy** From: 1-4-2 To: 1-2-2 Recommended Effective Date of Implementation: Spring 2025	▪ Revised number lecture/lab/credit hours	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
52	**MLT270 Immunohematology** From: 4-4-5 To: 4-2-5 Recommended Effective Date of Implementation: Spring 2025	▪ Revised number lecture/lab/credit hours	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
53	**MLT280 Clinical Microbiology** From: 3-4-4 To: 3-2-4 Recommended Effective Date of Implementation: Spring 2025	▪ Revised number lecture/lab/credit hours	*2/21/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
54	**Refund Policy** Federal Military Tuition Assistance funds are earned on a proportional basis; if a student stops attending prior to completing at least 60% of the enrollment period, unearned funds will be returned to the program. The amount of earned/unearned funds will be determined based upon when the student stopped attending.	▪ Addition to refund policy	*Informational Item*	
55	**AS Engineering** Add RXP 201 Reflective Exploration as a General Education elective Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*3/14/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
56	**AS Biology** The changes to the AS Biology program will include the following: • PHY181 and PHY182 will be required courses (previously were technical elective options) • MTH190 will be a required math course • MTH140 or MTH160 will be the required second math course • MTH145 is being removed as a technical elective option • SPK101/SPK120 will be required • Humanities required • Social/Behavioral Science required • Overall elective hours reduced to 10 Recommended Effective Date of Implementation: Summer 2025	▪ Revised program	*3/14/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
57	**EDU220 Foundations of Education in a Diverse Society** From: Placement in LAL101 To: None Recommended Effective Date of Implementation: Summer 2025	▪ Revised prerequisite	*3/14/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
58	**EDU233 Multicultural Education** From: Placement in LAL101 To: None Recommended Effective Date of Implementation: Summer 2025	▪ Revised prerequisite	*3/14/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*

	Curriculum Proposals	Changes	Proposed Date	Approval Date
59	**EDU245 Educational Psychology** From: Placement in LAL101 To: None Recommended Effective Date of Implementation: Summer 2025	▪ Revised prerequisite	*3/14/25 (Curriculum Committee)*	*3/14/25 (Curriculum Committee)*
60	**AAS Mechatronics** Two courses in the Mechatronics program, EET101 Industrial Electricity and EET111 Electric Motor Controls, will be deleted, and a new course, EET112 Industrial Electricity and Motor Control, will be developed to combine the appropriate material from EET101 and EET111. This change will allow room in the program to develop an additional new course, EET218 Human Machine Interface. Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
61	**Mechatronics Certificate** Two courses in the Mechatronics program, EET101 Industrial Electricity and EET111 Electric Motor Controls, will be deleted, and a new course, EET112 Industrial Electricity and Motor Control, will be developed to combine the appropriate material from EET101 and EET111. Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
62	**AAS Advanced Manufacturing Technology** Two courses in the AMT program, EET101 Industrial Electricity and EET111 Electric Motor Controls, will be deleted, and a new course, EET112 Industrial Electricity and Motor Control, will be developed to combine the appropriate material from EET101 and EET111. An additional directed elective will be added to the third semester to keep the program credit hours the same. Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
63	**Advanced Manufacturing Technology Certificate** Two courses in the AMT program, EET101 Industrial Electricity and EET111 Electric Motor Controls, will be deleted, and a new course, EET112 Industrial Electricity and Motor Control, will be developed to combine the appropriate material from EET101 and EET111. Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
64	**EET101 Industrial Electricity** Recommended Effective Date of Implementation: Fall 2025	▪ Deleted course	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
65	**EET111 Electric Motor Controls** Recommended Effective Date of Implementation: Fall 2025	▪ Deleted course	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*

	Curriculum Proposals	Changes	Proposed Date	Approval Date
66	**EET118 Industrial Electricity and Motor Control, 2-2-3** *5/5/25 changed from EET112 to EET118* This course provides a comprehensive introduction to industrial electrical systems and motor control, blending theory with hands-on practice. Students will explore power circuitry, electrical symbols, and construction techniques for electrical cables, conduit, and busways. Emphasis will be placed on the installation, maintenance, and troubleshooting of AC and DC motors, generators, transformers, and other electrical components in accordance with the National Electric Code. Topics include electrical motor control principles, motor starters, contactors, relays, timers, solenoids, and switches. In addition, students will gain practical experience with interpreting electrical diagrams, relay and ladder logic diagrams, and the operation of electrical distribution systems. The course also covers motor speed control, overcurrent protection, and the application of solid-state control devices, ensuring a well-rounded understanding of industrial electrical systems. Classroom instruction is supplemented with hands-on labs that allow students to apply their knowledge to real-world scenarios in motor control, electrical distribution, and system troubleshooting. Prerequisite EET100 Recommended Effective Date of Implementation: Fall 2025	▪ New course	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
67	**EET218 Human Machine Interfaces, 2-2-3** This course will provide students with an understanding of Human Machine Interfaces (HMIs) and their role in industrial automation. Students will learn how to install, wire, and configure HMIs for integration with programmable logic controllers (PLCs). Emphasis will be placed on HMI programming, graphical user interface (GUI) design, data visualization, and communication protocols used in industrial control systems. Hands-on lab sessions will reinforce concepts by allowing students to develop, troubleshoot, and implement HMI applications in real-world scenarios. Prerequisite: EET214, Corequisite: EET216 Recommended Effective Date of Implementation: Fall 2025	▪ New course	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
68	**EET214 Programmable Logic Controllers** From: EET111 Electric Motor Controls To: EET112 Industrial Electricity & Motor Control Recommended Effective Date of Implementation: Fall 2025	▪ Revised prerequisite	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
69	**EET220 Industrial Robotics** From: EET214 Programmable Logic Controls To: EET112 Industrial Electricity & Motor Control Recommended Effective Date of Implementation: Fall 2025	▪ Revised prerequisite	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
70	**IND120 Technical Report Writing** Recommended Effective Date of Implementation: Fall 2025	▪ Deleted course	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
71	**MTH130 Technical Mathematics** Recommended Effective Date of Implementation: Fall 2025	▪ Deleted course	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
72	**PHY101 Foundations of Physical Science** From: Prerequisite and corequisite: Eligible placement into or completion of MTH130 or higher or concurrent enrollment in MTH095 or any math corequisite. To: Prerequisite and corequisite: Eligible placement into or completion of MTH140 or higher or concurrent enrollment in MTH095 or any math corequisite. Recommended Effective Date of Implementation: Fall 2025	▪ Revised prerequisite ▪ Revised corequisite	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*

	Curriculum Proposals	Changes	Proposed Date	Approval Date
73	**PHY120 Foundations of Chemistry** From: Prerequisite and corequisite: Eligible placement into or completion of MTH130 or higher or concurrent enrollment in MTH095 or any math corequisite. To: Prerequisite and corequisite: Eligible placement into or completion of MTH140 or higher or concurrent enrollment in MTH095 or any math corequisite. Recommended Effective Date of Implementation: Fall 2025	▪ Revised prerequisite ▪ Revised corequisite	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
74	**PHY125 Foundations of Physics** From: Prerequisite and corequisite: Eligible placement into or completion of MTH130 or higher or concurrent enrollment in MTH095 or any math corequisite. To: Prerequisite and corequisite: Eligible placement into or completion of MTH140 or higher or concurrent enrollment in MTH095 or any math corequisite. Recommended Effective Date of Implementation: Fall 2025	▪ Revised prerequisite ▪ Revised corequisite	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
75	**Associate of Arts** Introduction to Veterinary Technology will be added as an AA elective course. Recommended Effective Date of Implementation: Fall 2025	▪ Revised program	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
76	**VTT100 Introduction to Veterinary Technology** From: Admission to the Vet Tech Program or Instructor Approval. To: None Recommended Effective Date of Implementation: Fall 2025	▪ Revised prerequisite	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*
77	**EGN201 Statics** From: Completion with a grade of "C" or better or concurrent enrollment in both PHY201 and MTH203. To: Completion with a grade of "C" or better in PHY201 or concurrent enrollment in MTH203. Recommended Effective Date of Implementation: Fall 2025	▪ Revised prerequisite ▪ Revised corequisite	*4/25/25 (Curriculum Committee)*	*4/25/25 (Curriculum Committee)*

Last updated 5/5/25