

Curriculum Committee Minutes and Approval

February 15, 2019

Present: Tara Privette, Josh Britt, Jennifer Cherry, Julie Bezold, Billie Gateley, Emily Fortner (for Tammy Prater), Scott Cohen, Robin Marek, Branson Smith, Justin Curtis, Joseph Kappel, Terri Messer

Absent: Leah Gray, Will Shull, David Hart, Mary Wadley

The committee met and discussed the following curriculum proposals. All proposals were unanimously approved by the committee and are being forwarded to the Vice President of Academic Affairs and the President for approval.

1. New Course: NUR 199 Special Topics in Nursing, 1-3 CH, Pre-req: ACT READ 19, ACT ENGL 18, Admission to the NUR program or permission of the Program Director
Desc.: Exploration of topics of special interest for nursing students and/or those interested in pursuing a nursing career.
2. New Course: NUR 130 Nursing Transitions I, 3 CH, Pre-req.: Admission to NUR program
Desc.: This course is designed to facilitate student transition into the second level of the program by assessing and developing first-level nursing competencies. Content is drawn from the NUR 110 Foundation in Nursing I course for the student to develop nursing process and clinical reasoning skills. The program core concepts of person, environment, health and nursing are applied with emphasis upon theories of Maslow and Erikson; health assessment, safety and infection control, caring communication, nutrition, and teaching and learning needs to care for persons of various cultural backgrounds who are experiencing variations along the wellness-illness continuum. Professional nursing, role transitions, and scope of practice issues are introduced. Laboratory and clinical learning experiences provide opportunities for the student to apply theory into practice while assisting clients adapt to changes in their health status and acquire optimum self-care behaviors. Roles and competencies of the Associate Degree nurse are explored and practiced.
3. Title, credit hour, and description change: NUR 140 title change to Nursing Transitions II, credit hour change from 7 to 10, Pre-req.: NUR 130 proposed desc.: This course is designed to facilitate student transition into the second level of the program by assessing and developing first-level nursing competencies. Content is drawn from both NUR 110 and NUR 120 Foundations of Nursing courses to provide the student with a conceptual,

theoretical, and application background congruent with the first year of the program. Program core concepts are applied to the care of persons of various development levels and cultural backgrounds who are experiencing variations along the wellness-illness continuum, childbirth, and childrearing. Professional nursing, role transition, and scope of practice issues are further explored. Principles of pathophysiology and pharmacotherapy are emphasized along with further development in the use of adaptation, caring communications, health assessment, growth and development, prioritization of client needs and clinical decision making skills, serving as the basis for client care. Laboratory and clinical learning experiences provide opportunities for the student to apply theory into practice while assisting client/client families adapt to changes in their health status and acquire optimum self-care behaviors. Roles and competencies of the Associate Degree nurse are further explored and practiced. Successful completion validates competency in NUR 120.

4. New Course: ALHS 2311 Management and Leadership for AHS Supervisors, 3 CH Pre-req: ACT MATH 19, READ 19, ENGL 18 Desc.: This course is designed to introduce the student to management functions and leadership principles and their application in health care organizations. Student projects will develop the student's ability to apply the principles of organizational theory, management theory, management style and behavioral aspects of management across a variety of health care settings. Many allied health practitioners will assume the role of a manager during the course of their career. This course is designed to provide theory and application focusing on the development of leadership and management strategies and skills to prepare these practitioners to assume professional responsibilities in management and administration.

5. New Course: ALHS 2314 Medical Law and Ethics, 3 CH, Pre-req: ACT MATH 19, READ 19, ENGL 18 Desc.: This course provides an introduction to legal and ethical issues that impact health care professionals. Laws and regulations related to the health care industry such as HIPPA, Patient Bill of Rights, and standard of care are addressed. In addition, ethical and moral issues that health care professionals may encounter are presented. The student will develop an understanding of the unique interplay of the new and changing health care, technology, work force, research, financing, regulation, and personal and professional behaviors, values and assumptions that underlie the current health care system.

6. Program requirement change: replace BUSN 1380 with ALHS 2311 and replace BUSN 2370 with ALHS 2314 for the Health Science AAS degree

7. New Course: AGR 295 International Food and Fiber Systems, 3 CH, Pre-req.: ACT MATH 19, ACT READ 19, ACT ENGL 18 Desc.: A study of the influence of food and fiber systems on the economy, environment, health, life style, and political systems throughout the world. The impact of ethics, gender, cultural differences, and institutions on international food and fiber systems is discussed. The course provides students with a global perspective on current issues related to international food and fiber.

8. New Course: AGR 250 Introduction to Agricultural Sales, 3 CH, Pre-req.: ACT MATH 19, ACT READ 19, ACT ENGL 18 Desc.: Principles of selling food, agricultural, and other industrial/institutional products in wholesale and retail outlets. Topics include developing business-to-business selling techniques, farmers market, technical product distribution, wholesale and retail financing, Cooperative advertising, group selling, specification selling, personal selling and technical business plans.

9. New Course: AGRI 1040 Introduction to Agricultural Engineering, 4 CH, Pre-req.: ACT MATH 19, ACT READ 19, ACT ENGL 18 Desc.: Survey of basic engineering principles and terms. Engineering applications in agriculture including topics in soil and water engineering, power and machinery and farm structure building materials and design.

10. State-wide changes to the RCT program—see items 11-24. Total credit hours for the degree are not changing. **Will require TBR submission and approval**

11. Rubric, title, and description change: RCT 115 to RESP 1310 Cardiopulmonary Pathophysiology Desc.: Cardiopulmonary Pathophysiology studies common diseases and disorders affecting the Cardiopulmonary system including the etiology, pathophysiology, presentation and treatment.

12. Rubric, title, and description change: RCT 114 to RESP 1410 Fundamentals of Respiratory Care 1 Desc. Fundamentals of Respiratory Care 1 introduces the student to the Respiratory Care profession. Topics covered include professional organizations, licensure, terminology, medical gas therapy, equipment cleaning, isolation techniques and basic patient assessment.

13. Rubric, title, and description change: RCT 113 to RESP 1420 Fundamentals of Respiratory Care 2 Desc.: Fundamentals of Respiratory Care 2 is a continuation of RESP 1410, Fundamentals of Respiratory Care 1. Topics covered in this course include basic Respiratory Care modalities such as hyperinflation and airway clearance therapies and airway management.
14. Rubric, title, and description change: RCT 250 to RESP 2440 Mechanical Ventilation Desc.: Mechanical Ventilation discusses the indications for and techniques of mechanical ventilation including initiation and modification of settings.
15. Rubric, title, and description change: RCT 116 to RESP 1225 Cardiopulmonary Pharmacology Desc.: Cardiopulmonary Pharmacology studies the different classes of drugs that affect the cardiopulmonary system. Topics include routes of administration, drug calculations, indications, modes of action, adverse reactions and assessment of effectiveness.
16. Rubric, title, credit hour, and description change: RCT 214 (1 CH) to RESP 1220 Introduction to Clinical Practice, 2 CH Desc.: Introduction to Clinical Practice covers the basic respiratory therapy procedures encountered in the student's first clinical practice. Topics include basic life support, introduction to the clinical affiliate, medical gas therapy, bedside patient assessment and aerosol therapy. Laboratory experience precedes in-hospital care.
17. Rubric, title, and description change: RCT 117 to RESP 1320 Cardiopulmonary Physiology Desc.: Cardiopulmonary Physiology provides an in-depth study of the physiology of the cardiopulmonary system. Topics include the mechanics of breathing, ventilation/perfusion relationships, gas transport mechanisms and neurologic control of ventilation. Maintenance of acid/base balance and the interpretation of arterial blood gases are also discussed.
18. Rubric, title, and description change: RCT 225 to RESP 2339 Introduction to Clinical 2 Desc.: Introduction to Clinical 2 is an application of topics presented in previous and current Respiratory Care courses. Competence is to be obtained in arterial blood sampling and airway care.

19. Rubric, title, and description change: RCT 251 to RESP 2442 Cardiopulmonary Diagnostic Testing Desc.: Cardiopulmonary Diagnostic Testing includes invasive and non-invasive cardiopulmonary testing procedures to include: pulmonary function testing, polysomnography, cardiac and pulmonary exercise testing, hemodynamic monitoring from arterial lines and pulmonary artery catheters, bronchoscopy and chest tube placement.

20. Rubric, title, credit hour, and description change: RCT 242 (3 CH) to RESP 2455 Pediatric Respiratory Care 4 CH Desc.: Pediatric Respiratory Care studies the etiology, pathophysiology, presentation and treatment of common neonatal and pediatric cardiopulmonary diseases and disorders. Various mechanical ventilation techniques will be discussed. Pediatric Advanced Life Support, PALS, training will be provided.

21. Rubric, title, and description change: RCT 234 to RESP 2444 Critical Care Practice 1 Desc.: Critical Care Practice 1 is a supervised clinical application of skills developed in previous and current Respiratory Care courses. Topics to include adult mechanical ventilation and airway management.

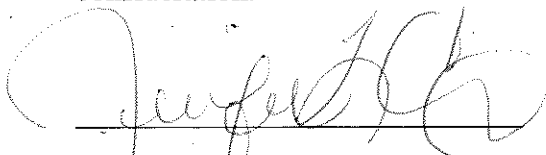
22. Rubric, title, and description change: RCT 252 to RESP 2445 Advanced Concepts of Mechanical Ventilation Desc.: Advanced Concepts of Mechanical Ventilation will introduce the student to patient-ventilator systems, patient-ventilator management, equipment care and airway management. Topics will also include technologies utilized with modern mechanical ventilator systems.

23. Rubric, title, credit hour, and description change: RCT 249 (3 CH) to RESP 2456 Comprehensive Credentialing Preparation 4 CH Desc.: Comprehensive Credentialing Preparation will prepare the student to set for and pass the National Board for Respiratory Care (NBRC) Therapist Multiple Choice (TMC) and Clinical Simulation Examinations.

24. Rubric, title, and description change: RCT 260 to RESP 2465 Critical Care Practice 2 Desc.: Critical Care Practice 2 is a supervised clinical application of skills developed in previous and current Respiratory Care courses. Topics to include non-adult mechanical ventilation techniques and assessment.

25. New Concentration in CIT AAS—CCNA Concentration (no new courses required)
Concentration will consist of CITC 1323, 1324, 2321, 2322 (CCNA I-IV) and a CITC
elective **Will require TBR submission and approval**
26. New Embedded Certificate: CCNA Routing and Switching Certificate (18 CH) CITC
1302, 1323, 1324, 2321, 2322, and 2351 **Will require TBR submission and approval**
27. New Embedded Certificate: Cyber Security Technician Certificate (30 CH) CITC 1302,
1321, 1322, 1323, 1324, 1351, 2320, 2326, 2351, and 2352 **Will require TBR
submission and approval**
28. New Embedded Certificate: Network Computer Technician Certificate (18 CH) CITC
1302, 1321, 1322, 1323, 1324, 2320 **Will require TBR submission and approval**
29. New Embedded Certificate: Programming Certificate (21 CH) CITC 1300, 1301, 1303,
1310, 1311, 2344, and 2376 **Will require TBR submission and approval**
30. Reworking the current AAS Fire Science. Currently one degree with two tracks within
the one option. Proposed to split into concentrations (similar to CIT degree format) with
a Firefighter Concentration, a Leadership/Administrative Concentration, and adding an
EMS Concentration. No new courses are required. Current courses will be moved
around within the degree and concentrations to create a slightly different Major Field
Core. **Will require TBR submission and approval**

Upon behalf of the Curriculum Committee, I respectfully submit the above proposals for approval. If you concur and approve these recommendations, please sign and date on the final page. Please note any alterations to these recommendations, if desired. Thank you for your consideration:



Curriculum Committee Chair



Date

Laney & Bailey

VPAA Signature

4-4-19

Date

Allana Hamieton

President Signature

4/4/19

Date