

ACADEMIC AFFAIRS COMMITTEE
February 13, 2009
Minutes

Present: Bob Austin, Lynda Barksdale, Diane Brice, Toni Gray, David Hernandez, Judy Jackman, Duane Lintner, Shawna Lopez, Jerry Moller, Carol Moore, Terry Moore, Ed Nolte, Jim Powell, Jack Stanley, Carol Summers

Absent: LaVon Barrett, Courtney Milleson, Danita McAnally

ALLIED HEALTH
Dental Hygiene

Donna Cleere submitted updates to Dental Hygiene courses based on WECM changes. The updates include:

- **DHYG 1123: Dental Hygiene Practice**
Emphasis on the laws governing the practice of dentistry and dental hygiene, moral standards and the ethical standards established by the dental hygiene profession. Practice settings for the dental hygienist, office operations and preparations for employment.
- **DHYG 1227: Preventive Dental Hygiene Care**
The dental hygienist in the dental health care system emphasizing the basic concepts of disease prevention and health promotion. Communication and behavior modification skills are utilized to facilitate the role of the dental hygienist as an educator.
- **DHYG 1260: Clinical – Dental Hygienist I**
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.
- **DHYG 1261: Clinical – Dental Hygienist II**
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.
- **DHYG 1311: Periodontology**
Normal and diseased periodontium including the structural, functional and environmental factors. Emphasis on etiology, pathology, treatment modalities and therapeutic and preventive periodontics.
- **DHYG 1431: Preclinical Dental Hygiene**
Foundational knowledge for performing clinical skills on patients with emphasis on procedures and rationale for performing dental hygiene care.
- **DHYG 2201: Contemporary Dental Hygiene**

Dental hygiene care for the medically or dentally compromised patient including supplemental instrumentation techniques.

- DHYG 2331: Contemporary Dental Hygiene Care II
A continuation of Contemporary Dental Hygiene Care I. Dental hygiene care for the medically and dentally compromised patient including advanced instrumentation techniques.

Lintner moved, seconded by T. Moore to approve WECM changes to the Dental Hygiene courses. The motion carried.

Respiratory Care

Lopez indicated the majority of changes submitted for the Respiratory Care program are the result of WECM updates. The remainder reflects current trends within the field of Respiratory Care and allows a more systematic progression of instruction through the curriculum.

At the last meeting, members of the Committee had concerns about the timing of the deletion of courses based on current students in the program.

Hansen re-submitted her request to clearly identify courses updated by WECM, courses added to the catalog effective Fall 2009 and courses deleted from the catalog effective Fall 2009.

Update course title for the following courses:

- RSPT 1167: Practicum 2 – Respiratory Care Therapy/Therapist
Prerequisites: RSPT 1166, RSPT 1411 and RSPT 2305
- RSPT 1391: Special Topics in Respiratory Therapy/Therapist
- RSPT 2166: Practicum 5 – Respiratory Care Therapy/Therapist
- RSPT 2267: Practicum 4 – Respiratory Care Therapy/Therapist
- RSPT 2266: Practicum 3 – Respiratory Care Therapy/Therapist
Prerequisite: RSPT 1167

Update the course description for the following courses:

- RSPT 1410: Respiratory Care Procedures I
Essential knowledge of the equipment and techniques used in the treatment of pulmonary disease. Content areas include: oxygen therapy, humidity and aerosol therapy, lung expansion therapy, bronchial hygiene therapy, pulse oximetry, arterial blood gas sampling and interpretation.
- RSPT 1411: Respiratory Care Procedures 2
Prerequisite: RSPT 1410
Provides essential knowledge of airway care and mechanical ventilation. Airway care includes indications, techniques, equipment, hazards and complications. Mechanical ventilation includes indications, initiation, modes, clinical application, management, complications and weaning.

- RSPT 2131: Simulations in Respiratory Care
Theory of clinical simulation examinations. Includes construction types, scoring and mechanics of taking the computerized simulation examinations.
- RSPT 2139: Advanced Cardiac Life Support
Advanced Cardiac Life Support (ACLS) with an emphasis on airway management. Designed to develop skills for resuscitation of the adult. Includes strategies for managing and stabilizing the cardiopulmonary arrested patient. May include certification.
- RSPT 2230 Respiratory Care Examination Preparation
Comprehensive review to optimize respiratory care credentialing exam success.
- RSPT 2305: Pulmonary Diagnostics
The theories and techniques involved in pulmonary function testing, blood gas analysis, quality control and noninvasive monitors.
- RSPT 2310: Cardiopulmonary Disease
Etiology, pathogenesis, pathology, diagnosis, history, prognosis, manifestations, treatment and detection of cardiopulmonary diseases.
- RSPT 2314: Mechanical Ventilation
The study of mechanical ventilation with emphasis on ventilator classification, methods, principles and operational characteristics. Includes indications, complications and physiological effects/principles of mechanical ventilation. Emphasizes initiation, management and weaning of ventilator support.
- RSPT 2353: Neonatal/Pediatric Cardiopulmonary Care
A study of acute care, monitoring and management of the neonatal/pediatric patient.
- RSPT 1137: Basic Dysrhythmia Interpretation
A study of the electrophysiology of the heart and characteristic cardiac dysrhythmias. (1 sem hr; 1 lec)
- RSPT 2358: Respiratory Care Patient Assessment
Integration of patient examination techniques, including patient history and physical exam, lab studies, e-ray, pulmonary function, arterial blood gases, and invasive and noninvasive hemodynamics.

Add the following courses to the Amarillo College course inventory:

- RSPT 1166: Practicum 1 – Respiratory Care Therapy/Therapist
Prerequisite: RSPT 1410
Practical, general workplace training supported by an individualized learning plan developed by the employer, college and student.
(1 sem hr; 8 practicum)
- RSPT 1191: Special Topics in Respiratory Therapy/Therapist

Topics address recently identified current events, skills, knowledge and /or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

(1 sem hr; 1 lec)

- RSPT 2355: Critical Care Monitoring
Advanced monitoring techniques used to assess a patient in the critical care setting.
(3 sem hrs; 3 lec)
- RSPT 2217: Respiratory Care Pharmacology
A study of drugs that affect cardiopulmonary systems. Emphasis on classification, route of administration, dosages/calculations and physiological interactions.
(2 sem hrs; 2 lec)
- RSPT 2258: Respiratory Care Patient Assessment
Integration of patient examination techniques, including patient history and physical exam, lab studies, x-ray, pulmonary function, arterial blood gases and invasive and noninvasive hemodynamics.
(2 sem hrs; 2 lec)
- RSPT 2133: Respiratory Care Case Management
Investigation, organization and presentation of case studies.
(1 sem hr; 1 lec, 1 lab)
- RSPT 2147: Specialties in Respiratory Care
Emerging and specialty practices in respiratory care.
(1 sem hr; 1 lec)
- RSPT 2319: Mechanical Ventilation for the Neonatal/Pediatric Patient
Prerequisite: RSPT 2353
A study of therapeutic procedures to achieve adequate spontaneous and artificial ventilation of the neonatal and pediatric patient. Includes indication, complications and physiological effects of ventilator support.
(3 sem hrs; 3 lec)

Delete the following courses from the Amarillo College course inventory:

- RSPT 1266: Practicum 1 – Respiratory Care Therapy Tech
- RSPT 2317: Respiratory Care Pharmacology

The following changes are recommended for the Respiratory Care AAS program:

- Delete RSPT 1266: Practicum 1 and replace with RSPT 1166: Practicum 1
- Delete RSPT 1391: Special Topics and replace with RSPT 1191: Special Topics
- Delete RSPT 2317: Respiratory Care Pharmacology and replace with RSPT 2217: Respiratory Care Pharmacology

- Delete RSPT 2358: Advanced Respiratory Care Patient Assessment and replace with RSPT 2258: Respiratory Car Patient Assessment
- Delete RSPT 2314: Mechanical Ventilation
- Add RSPT 1137: Basic Dysrhythmia Interpretation
- Add RSPT 2133: Respiratory Care Case Management
- Add RSPT 2147: Specialties in Respiratory Care
- Add RSPT 2319: Neonatal/Pediatric Mechanical Ventilation
- Add RSPT 2355: Critical Care Monitoring

The total number of program hours will increase from 71 semester hours to 72 semester hours.

Stanley moved, seconded by Brice to approve all additions, deletions and updates for the Respiratory Care program. The motion carried.

NURSING

Associate Degree Nursing

Sheryl Mueller submitted a request to add the following course to the inventory:

- ECRD 1111: Electrocardiography
Fundamentals of cardiovascular anatomy and physiology. Includes basic electrocardiography procedures, interpretation of basic dysrhythmias and appropriate treatment modalities.
(1 sem hr; 1 lec)

ECRD 1111 is not a requirement for the ADN degree but an optional course available to nursing students. ECRD 1111 will replace RSPT 1137 while meeting the same objectives. However, RSPT 1137 will remain in the course inventory because it has been approved as a requirement in the Respiratory Care program.

Lintner moved, seconded by Powell to add ECRD 1111 to the course inventory. The motion carried.

BEHAVIORAL STUDIES

60 Hour Degrees

In October 2006, the Academic Affairs committee reduced the minimum number of hours required to complete an associate degree from 62 to 60. However, no programs were updated at the time. Moller submitted requests to reduce the number of required semester hours for the following programs:

- General Studies – GENS.AS - Reduce the Elective Courses requirement from 20 hours to 18 hours and reduce the total number of required semester hours to 60
- Human Sciences – HUSC.AS - Delete the Recommended Courses requirement of 6-21 hours and reduce the total number of required semester hours to 60
- Human Sciences (Child Development/Early Childhood) – HUSC.AS.TECA - Delete

the Recommended Courses requirement of 3 hours and reduce the total number of required semester hours to 60

- Liberal Arts – LART.AA and LART.AS - Reduce the Recommended Courses requirement from 20-24 hours to 18 hours and reduce the total number of required semester hours to 60
- Psychology – PSYC.AS - Reduce the Recommended Courses requirement from 6 hours to 3 hours and reduce the total number of required semester hours to 60
- Religion – RELG.AA - Delete the 3 hours of Recommended Courses requirement to reduce the total number of required semester hours to 60
- Social Science – SOCS.AS – Reduce the Recommended Courses requirement from 17-21 hours to 15 hours and reduce the total number of required semester hours to 60
- Social Work – SOCW.AS - Reduce the Recommended Courses requirement from 6 hours to 3 hours and reduce the total number of required semester hours to 60

Jackman moved, seconded by Hernandez to approve the reduction to 60 semester credit hours for graduation of degrees in the Behavioral Studies division. The motion carried.