CURRICULUM COMMITTEE
March 2015
Minutes

The Texas Higher Education Coordinating Board convened workshops the first week of February to review 60 hour exemption requests for a number of health science programs across the state. On March 2, 2015 Amarillo College received the following information from the THECB:

> Coordinating Board staff, working in conjunction with the WECM Leadership Committee (WLC), recently convened a workshop of faculty and administrative representatives from community and technical colleges across the state that had requested to exceed the 60 semester credit hour (SCH) limit established by Senate Bill 497, 83rd Legislature, Regular Session. Approximately 160 representatives from 43 community and technical colleges participated in the workshop. The participants represented six programmatic disciplines that had submitted a significant number of exemption requests to exceed the 60 SCH limit. The disciplines reviewed were Dental Hygiene, Radiologic Technology, Respiratory Care, American Sign Language, Diagnostic Medical Sonography, and Physical Therapist Assistant.
> Participants were divided into teams based on program disciplines and assigned two tasks: 1) to consider, for each discipline, how to meet the 60 SCH requirement and what exceptions, if any, were warranted and 2) if justified, to reach consensus within each programmatic area regarding the minimum number of SCH required to earn a degree. The Coordinating Board agreed to consider the final recommendations from each team when reviewing proposals to exceed the 60 SCH limit.
> In convening the meeting, the Coordinating Board followed the recommendations of the Undergraduate Education Advisory Committee to “facilitate information sharing across institutions” and “coordinate meetings of discipline-specific content specialists to discuss and recommend strategies, recommendations, and joint approvals” (28 February 2014). Team discussions, facilitated by WLC members, centered on ways to adjust the required number of SCH and also maintain programmatic integrity, taking into consideration what is required to prepare students for entry-level positions in the programmatic disciplines. If it was determined not to be possible to maintain program integrity at 60 SCH, teams were to determine the appropriate number.
> Pursuant to recommendations arising from the workshop, and following review and approval by the Coordinating Board, exemptions to exceed the 60 SCH limit are approved for the programs listed below:

CIP Code	Program Name	Approved 60 SCH Exemption
510602	Dental Hygiene	68
510911	Radiologic Technology	64
510908	Respiratory Care	66
161603	American Sign Language	65

510910	Diagnostic Medical Sonography	65
510806	Physical Therapist Assistant	66

The exemptions apply to all programs statewide in the disciplines listed. If a college had previously completed the process to reduce a listed program to 60 SCH, it may revise its program to the approved SCH exemption listed above. However, a college is not required to adopt the approved exemption. Approved exemptions may be superseded at a future date by the development of Programs of Study curricula.

AAS degree programs, regardless of whether they are being reduced to 60 SCH or adopting the approved SCH exemption, must be revised through the Inventory Access & Update portal prior to the start of the fall 2015 semester. Institutions must include updated course listings according to routine AAS SCH change procedures. Additional instructions for revising an AAS degree can be found in the *Guidelines for Instructional Programs in Workforce Education*. The Inventory Access & Update portal URL can be accessed at http://www.thecb.state.tx.us/AAR/UndergraduateEd/WorkforceEd/inventory.

Proposals submitted to exceed 60 SCH in other programmatic areas are undergoing a desk review process. Additional information concerning these programs will be sent separately.

If you need additional information, please contact Dr. Garry Tomerlin at garry.tomerlin@thecb.state.tx.us or 512.427.6226.

The Radiation Therapy program had requested special permission from the Texas Higher Education Coordinating Board to exceed the 60 hour program requirement. Amarillo College received the following approval from the THECB:

Coordinating Board staff have reviewed documentation submitted by your institution requesting an exemption for the Radiation Therapy program (51.0907) from the 60 semester-credit-hour (SCH) requirements of Senate Bill 497, 83rd Legislature, Regular Session. The law permits exceptions to the 60 SCH limit if a compelling academic reason exists. Texas Administration Code Chapter 9, Subchapter A, Section 9.1, specifies that compelling academic reasons include, but are not limited to, programmatic accreditation requirements, statutory requirements, and requirements for licensure/certification of graduates.

Based on documentation submitted by your institution, your request to exceed the 60 SCH limitation is approved for the Radiation Therapy program at 65 SCH. Approved exemptions may be superseded at a future date by the development of Programs of Study curricula.

Please communicate with Duane Hiller by March 31, 2015, detailing how this program will be modified to comply with the approved SCH limitation, if the approved SCH requires curriculum revision. Mr. Hiller's email address is Duane.Hiller@THECB.state.tx.us. He can also be contacted by phone at 512.427.6226.

Additionally, AAS degree programs approved for exemption and requiring curricular changes must be revised through the Inventory Access & Update portal at http://www.thecb.state.tx.us/AAR/UndergraduateEd/WorkforceEd/inventory. Institutions must include updated course listings according to routine AAS SCH change procedures. Additional instructions for revising an AAS degree can be found in the Guidelines for Instructional Programs in Workforce Education.

Based on the approvals given by the THECB, the following programs submitted program revision requests:

- Dental Hygiene AAS (DHYG.AAS)
- Physical Therapist Assistant AAS (PHTA.AAS)
- Radiation Therapy AAS (RADT.AAS.RT)
- Radiography AAS (RADR.AAS)
- Respiratory Care AAS (RSPT.AAS)
- Sonography AAS (SONO.AAS)

The program revision requests were sent via email to all members of the Curriculum Committee. Members were asked to review the requests and reply via email either approval or denial of the requests. The following responses were received:

- Claudie Biggers – approve
- Diane Brice – approve
- Susan Burks – approve
- Tamara Clunis – no response
- Kim Davis – approve
- Kristin Edford – approve
- Dan Ferguson – deny
- Lyndy Forrester – approve
- Matthew Goodman – approve
- Kim Hays – approve
- Alan Kee – approve
- Kristin McDonald- Willey – approve (ex-officio)
- Jason Norman – approve
- Dalila Paredes – no response
- Kelly Prater – approve (ex-officio)
- Richard Pullen – approve
- Tamra Rocsko – approve
- Mark Rowh – approve
- Kathy Wetzel – approve

The majority supported the submitted the program revision requests and the revisions were approved.

Dental Hygiene

Donna Cleere submitted a request to make the following changes to the Dental Hygiene (DHYG.AAS) degree:

- Add the following course to the course inventory:
    - DHYG 1331: Preclinical Dental Hygiene
      Foundational knowledge for performing clinical skills on patients with emphasis on procedures and rationale for performing dental hygiene care. Introduction to ethical principles as they apply to dental hygiene care.
      (3 sem hrs; 1 lec/7 lab)
      Learning Outcomes:
        - Explain the procedures and rationale for dental hygiene care
        - Demonstrate basic dental hygiene instrumentation skills
        - Define ethical principles related to dental hygiene care
- Replace PSYC 2319: Social Psychology with PSYC 2301: General Psychology in the Social/Behavioral Science requirement
- Replace DHYG 1103: Preventive Dental Hygiene Care I with DHYG 1227: Preventive Dental Hygiene Care
- Replace DHYG 1431: Preclinical Dental Hygiene with DHYG 1331: Preclinical Dental Hygiene
- Replace CHEM 1305: Introductory Chemistry with CHEM 1405: General Organic and Biological Chemistry
- Add SOCI 1301: Introduction to Sociology
- Add BIOL 2402: Anatomy & Physiology II
- Increase the total from 60 to 68 semester hours

Physical Therapist Assistant

Kelly Jones submitted a request to make the following changes to the Physical Therapist Assistant (PTHA.AAS) degree:

- Add the following course to the course inventory:
    - PTHA 2305: Neurology
      Study of neuroanatomy and neurophysiology as it relates to neurological conditions.
      (3 sem hrs; 3 lec)
      Learning Outcomes:
        - Describe the pathogenesis and prognosis of neurological disorders.
        - Correlate lesions with clinical signs and symptoms
- Replace PSYC 2301: General Psychology with PSYC 2314: Lifespan Developmental Psychology in the Social/Behavioral Science requirement
- Add the following courses:
    - PTHA 2301: Essentials of Data Collection

    - PTHA 2305: Neurology
- Increase the total from 60 to 66 semester hours

Radiation Therapy

Tony Tackitt submitted a request to make the following changes to the Radiation Therapy (RADT.AAS.RT) degree:

- Delete the following courses:
    - PHYS 1305: Introductory Physics
    - BIOL 2402: Human Anatomy & Physiology II
- Decrease the total from 72 to 65 semester hours

Radiography

Becky Burton submitted a request to make the following changes to the Radiography (RADR.AAS) degree:

- Add the following courses to the course inventory:
    - RADR 1201: Introduction to Radiography
      An overview of the historical development of radiography, basic radiation protection, an introduction to medical terminology, ethical and legal issues for health care professional and an orientation to the profession and the health care system.
      (2 sem hrs; 2 lec)
      Learning Outcomes:
        - Define basic medical terms
        - Identify ethical and legal standards
        - Explain basic radiation protection practices
        - Relate the role of radiography to health care
    - RADR 1203: Patient Care
      An introduction in patient assessment, infection control procedures; emergency and safety procedures, communication and patient interaction skills, and basic pharmacology
      (2 sem hrs; 2 lec)
      Learning Outcomes:
        - Explain general safety in patient care practices
        - Assess patient condition
        - Describe infection control procedures
        - Recognize and respond to emergency situations
        - Identify relevant pharmaceuticals and their applications
        - Describe basic medical equipment operations
- Update the following courses:
    - RADR 1313: Principles of Radiographic Imaging I
      (3 sem hrs; ~~3 lec~~ 2 lec, 2 lab)

    - RADR 2305: Principles of Radiographic Imaging II
      (3 sem hrs; ~~3 lec~~ 2 lec, 2 lab)
- Make the following changes to the Major Course Requirements
    - Replace RADR 1309: Introduction to Radiography with RADR 1201: Introduction to Radiography
    - Replace RADR 1311: Basic Radiographic Procedures with RADR 1411: Basic Radiographic Procedures
    - Replace RADR 2301: Intermediate Radiographic Procedures with RADR 2401: Intermediate Radiographic Procedures
    - Replace RADR 2335: Radiologic Technology Seminar with RADR 2235: Radiologic Technology Seminar
    - Add RADR 1203: Patient Care
    - Add RADR 1250: Radiographic Evaluation II
- Increase the total from 60 to 64 semester hours

Respiratory Care

Valerie Hansen submitted a request to make the following changes to the Respiratory Care (RSPT.AAS) degree:

- Add the following courses to the course inventory:
    - RSPT 1240: Advanced Cardiopulmonary A&P
      Provides an advanced presentation of anatomy and physiology of the cardiovascular and pulmonary system.
      (2 sem hrs; 2 lec)
      Learning Outcomes:
        - Explain advanced concepts of cardiopulmonary anatomy and physiology
        - Describe the neurological control of breathing
        - Differentiate ventilation/perfusion concepts
        - Summarize principles of gas transport.
    - RSPT 1201: Introduction to Respiratory Care
      An introduction to the field of respiratory care.
      (2 sem hrs; 1 lec, 2 lab)
      Learning Outcomes:
        - Outline the history of the respiratory care profession
        - Outline the organization and function of hospital departments
        - Describe issues in medical malpractice and ethics
        - Identify the respiratory therapists' role in performing basic vital signs, body mechanics, and cardiopulmonary assessment
        - Describe infection control techniques.
    - RSPT 1225: Respiratory Care Sciences
      Physics, mathematics and chemistry as related to respiratory care.
      (2 sem hrs; 2 lec)
      Learning Outcomes:

        - Apply concepts of mathematics, chemistry and physics as related to respiratory care.
    - RSPT 2358: 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.
      (3 sem hrs; 3 lec)
      Learning Outcomes:
        - Interpret patient history and physical exam
        - Evaluate lab studies, x-ray, pulmonary function, arterial blood gases, and invasive and noninvasive hemodynamics.
- Delete the following courses from the course inventory:
    - RSPT 1101: Introduction to Respiratory Care
    - RSPT 1325: Respiratory Care Sciences
- Update the following course:
    - RSPT 2353: Neonatal/Pediatric Cardiopulmonary Care
      (3 sem hrs; ~~2 lec, 2 lab~~ 3 lec)
- Make the following changes to the Major Course Requirements:
    - Replace RSPT 1101: Introduction to Respiratory Care with RSPT 1201: Introduction to Respiratory Care
    - Replace RSPT 2258: Respiratory Care Patient Assessment with RSPT 2358: Respiratory Care Patient Assessment
    - Replace RSPT 1325: Respiratory Care Sciences with RSPT 1225: Respiratory Care Sciences
    - Add RSPT 1240: Advanced Cardiopulmonary A&P
    - Add RSPT 2231: Simulations in Respiratory Care
    - Add RSPT 2319: Mechanical Ventilation for the Neo Pedi
    - Add RSPT 2353: Neo/Pedi Cardiopulmonary Care
- Increase the total from 60 to 66 semester hours

Sonography

Kerri Montgomery submitted a request to make the following changes to the Sonography (SONO.AAS) degree:

- Add the following courses to the course inventory:
    - DMSO 1260: Clinical
      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.
      (2 sem hrs; 12 clinic)
      Learning Outcomes:
        - As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations,

laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

- DMSO 2366: Practicum
  Practical, general workplace training supported by an individualized learning plan developed by the employer, college and student.
  (3 sem hrs; 24 practicum)
  Learning Outcomes:
  - As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.
- DMSO 2130: Advanced Ultrasound and Review
  Knowledge, skills and professional values within a legal and ethical framework addressing emerging technologies and professional development.
  (1 sem hr; 1 lec)
  Learning Outcomes:
  - Apply problem solving and critical thinking skills in the context of professional transition
  - Demonstrate registry preparedness
  - Examine sonography practice within a collaborative ethical and legal framework
- DMSO 2245: Advanced Sonography Practices
  Exploration of advanced sonographic procedures and emerging ultrasound applications.
  (2 sem hrs; 1 lec, 2 lab)
  Learning Outcomes
  - Describe selected advanced sonographic practices and procedures and apply these to case study interpretation and review
  - Compare and contrast various sonographic and other imaging modalities.
- DSVT 1103: Introduction to Vascular Technology
  Introduction to basic non-invasive vascular theories. Emphasizes image orientation, transducer handling and identification of anatomic structures.
  (1 sem hr; 1 lec, 1 lab)
  Learning Outcomes:

        - Describe fundamental vascular concepts of duplex and non-imaging procedures including positioning the patient, equipment and other devices.
- Make the following changes to the Major Course Requirements:
    - Replace DMSO 1160: Clinical with DMSO 1260: Clinical
    - Replace DMSO 2257: Advanced Ultrasound Professionalism and Registry Review with DMSO 2130: Advanced Ultrasound Review
    - Delete DMSO 1167: Practicum
    - Add DMSO 2366: Practicum
    - Add DMSO 2245: Advanced Sonographic Practices
    - Add DSVT: Introduction to Vascular Technology
- Increase the total from 60 to 65 semester hours