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CURRICULUM COMMITTEE
February 17, 2012
Minutes

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Present: Bob Austin, Diane Brice, Carol Buse, Craig Clifton, Tamara Clunis, Matt Craig, Bill Crawford, Kim Davis, Shawn Fouts, Matthew Goodman, Judy Massie, Jerry Moller, Carol Moore, Jason Norman, John Robertson, Mark Usnick, Kathy Wetzel, Henry Wyckoff

Absent:

Others
Present: Brian Jacob, Bruce Moseley, Emery Shier

ARTS & SCIENCES
ACGM Course Title Updates

A request was submitted to update the course titles based on course changes in the ACGM for the following courses:

- GOVT 2305: United States Government
- GOVT 2306: Texas Government
- ENGL 1301: Composition I
- ENGL 1302: Composition II
- ENGL 2311: Technical and Business Writing
- ENGL 2327: American Literature I
- ENGL 2328: American Literature II
- ENGL 2322: British Literature I
- ENGL 2323: British Literature II
- ENGL 2331: Non-Western World Literature
- ENGL 2332: World Literature I
- ENGL 2333: World Literature II
- HIST 1301: United States History I
- HIST 1302: United States History II
- HIST 2311: Western Civilization I
- HIST 2322: World Civilizations II
- ECON 1301: Introduction to Economics
- ECON 2301: Principles of Macroeconomics
- ECON 2302: Principles of Microeconomics
- MATH 1314: College Algebra
- MATH 2412: Pre-Calculus
- MATH 1316: Trigonometry
- MATH 1342: Statistics
- MATH 2305: Discrete Mathematics

- MATH 2318: Linear Algebra
- MATH 2320: Differential Equations
- MATH 2413: Calculus I
- MATH 2414: Calculus II
- MATH 2415: Calculus III
- ENGR 1307: Plane Surveying
- ENGR 2305: Electrical Circuits I

Austin moved, seconded by Wetzel to update the ACGM course titles. The motion carried.

Criminal Justice

Toni Gray submitted a request to make the following changes to the Criminal Justice Law Enforcement AAS (CJLE.AAS.LENF):

- Add ENGL 2311: Technical Writing as an option for ENGL 1302: Freshman Composition II
- Add PSYC 2301: General Psychology as an approved Social/Behavioral Sciences option
- Add the following courses to the Major Course Options:
    - HMSY 1337: Introduction to Homeland Security
    - HMSY 1340: Homeland Security Intelligence Operations
    - HMSY 1342: Understanding and Combating Terrorism
    - HMSY 1343: Weapons of Mass Destruction
- Add the following courses as options to the Related Course Requirements:
    - CPMT 1351: IT Essentials I: PC Hardware & Software
    - ITSY 1342: Information Technology Security
- Increase the program totals from 66 to 66-72 Semester Hours

Crawford moved, seconded by Craig to approve the changes to the Criminal Justice Law Enforcement AAS degree. The motion carried.

Physical Sciences

Emery Shier submitted a request to make the following change to the Physics AS degree (PHYS.AS):

- Replace COSC 1317: Computer Programming for Engineers and Scientists with MATH1342: Statistics

Craig moved, seconded by Usnick to approve the change to the Physics AS degree. The motion carried.

Submitted a request to make the following changes to the Chemistry AS degree (CHEM.AS):

- Replace COSC 1317:Computer Programming for Engineers and Scientists with MATH 1342: Statistics
- Allow PHYS 1401: College Physics I and PHYS 1402: College Physics II as Natural Science options

Moller moved, seconded by Wetzel to approve the changes to the Chemistry AS degree. The motion carried.

And submitted a request to delete the following programs from the inventory:

- Pre-Pharmacy AS (PHRA.AS)
- Geology AS (GEOL.AS)

Wyckoff moved, seconded by Clifton to delete the Geology AS and Pre-Pharmacy AS degrees from the inventory. The motion carried.

Sciences Tutoring Fee

Kathy Wetzel submitted a request to add a $20 tutoring fee to the following courses:

- BIOL 1308: Life Science I
- BIOL 1309: Life Science II
- BIOL 1406: Biology I
- BIOL 1407: Biology II
- BIOL 1408: Life Science I
- BIOL 1409: Life Science II
- BIOL 1411: Botany
- BIOL 1413: Zoology
- BIOL 1414: Introduction to Biotechnology I
- BIOL 1415: Biotechnology II
- BIOL 2306: Environmental Science
- BIOL 2316: Genetics
- BIOL 2374: Integrated Biology
- BIOL 2401: Human Anatomy & Physiology I
- BIOL 2402: Human Anatomy & Physiology II
- BIOL 2404: Human Physiology
- BIOL 2421: Microbiology
- BIOL 2428: Vertebrate Anatomy
- SCIT 1307: Pre-Anatomy & Physiology
- SCIT 1313: Workplace Microbiology
- CHEM 1305: Introductory Chemistry I
- CHEM 1311: Principles of Chemistry I
- CHEM 1312: Principles of Chemistry II

- CHEM 1406: General Organic & Biological Chemistry
- CHEM 1419: Introductory Organic Chemistry
- CHEM 2323: Organic Chemistry I
- CHEM 2325: Organic Chemistry II
- ENGR 1304: Engineering Graphics
- ENGR 1307: Surveying
- ENGR 1371: Introduction to Engineering
- ENGR 2301: Engineering Mechanics I
- ENGR 2302: Engineering Mechanics II
- ENGR 2332: Mechanics of Materials
- ENGR 2305: Electrical Circuits
- GEOL 1303: Physical Geology
- GEOL 1304: Historical Geology
- GEOL 1445: Oceanography
- GEOL 1447: Meteorology
- GEOL 1473: Introduction to Geographic Information Systems
- PHYS 1305: Introductory Physics I
- PHYS 1311: Astronomy I: Stars and Galaxies
- PHYS 1312: Astronomy II: Solar Systems
- PHYS 1315: Concepts of Physical Science I
- PHYS 1401: College Physics I
- PHYS 1402: College Physics II
- PHYS 1415: Physical Science I
- PHYS 1417: Physical Science II
- PHYS 2373: Integrated Earth Science
- PHYS 2425: Principles of Physics I
- PHYS 2426: Principles of Physics II

Usnick moved, seconded by Craig to approve the proposed tutoring fees. 10 Committee members supported and 4 members opposed the proposal. The motion carried.

CTE
Computer Information Systems

Carol Buse submitted a request to add prerequisites to the following courses:

- ITSY 1342: Information Technology Security
  Prerequisites: ITCC 1401 and CPMT 1351
- CPMT 2349: Advanced Computer Networking Technologies
  Prerequisite: CPMT 1351
- ITSY 2300: Operating System Security
  Prerequisite: ITSY 1342

- ITSY 2341: Security Management Practices Concepts
  Prerequisite: ITSY 2300
- ITCC 2359: Advanced Voice Over Internet Protocol (VOIP)
  Prerequisite: ITCC 1404

Davis moved, seconded by Wyckoff to add prerequisites to ITSY 1342, CPMT 2349, ITSY 2300 and ITCC 2359. The motion carried.

Replace the CIS – Microcomputer Software Specialist Certificate (COSC.MKT.MIC) program description with:

> The Microcomputer Software Specialist Certificate is not only for IT professionals, but for any person who desires to increase his or her opportunity for employment in various industries. Focusing on Microsoft Office, it prepares students for the Microsoft Office Specialist (MOS) exam. Additional courses include web development for basic web site creation and computer operations, file management and desktop computer security such as installing virus protection software and firewalls.

Wyckoff moved, seconded by Wetzel to approve the updated CIS – Microcomputer Software Specialist Certificate program description. The motion carried.

A request was submitted to update the Computer Cyber Security Certificate (CETT.CERT.NETWORK) as follows:

- Add HMSY 1342: Understanding and Combating Terrorism to the Major Course Requirements
- Increase the total from 22 to 25 semester hours

And update the Computer Networking/Cyber-Security AAS (CETT.AAS.NT) as follows:

- Add HMSY 1342: Understanding and Combating Terrorism to the Major Course Requirements
- Increase the total from 66 to 69 semester hours

Davis moved, seconded by Crawford to approve the updates to the Computer Cyber Security Certificate and the Computer Networking/Cyber-Security AAS. The motion carried.

A request was submitted to update the Computer Information Systems AAS (COSC.AAS) General Education requirements by:

- Replacing SPCH 1315: Public Speaking or SPCH 1321: Business and Professional Speaking with any speech from the approved General Education Course List
- Allowing MATH 1314: College Algebra as an option to MATH 1324: Math for Business Decisions

Update the Major Course Requirements by:

- Replacing CPMT 1305: IT Essentials I: PC Hardware and Software with CPMT 1351: IT Essentials: PC Hardware and Software
- Replacing ITSY 1400: Fundamentals of Information Security with ITSY 1342: Information Technology Security

Update the Recording Engineering option by:

- Deleting MUSI 1301: Rudiments of Music
- Adding MUSI 1303: Fundamentals of Music OR MUSI 1116: Elementary Ear-Training I AND MUSI 1211: Elementary Theory
- Adding MUSI 1310: American Music as an option to MUSI 1306: Music Appreciation

Replace the Networking Option with the Cyber-Security Option, which includes the following courses:

- ITCC 1401: Network Fundamentals
- CPMT 2349: Advanced Computer Networking
- ITSY 2300: Operating Systems Security
- ITSY 2341: Security Management Practices
- HMSY 1342: Understanding and Combating Terrorism

Norman moved, seconded by Davis to approve changes to the Computer Information Systems AAS degree. The motion carried.

Diesel Mechanics Technology

Brian Jacob submitted a request to delete the following courses from the Diesel Mechanics Technology certificate (DEMR.CERT.DT):

- DEMR 1449: Diesel Engine II
- DEMR 2334: Diesel Engine Tune Up
- DEMR 1421: Power Train I
- DEMR 1442: Power Train Applications I
- DEMR 1329: Preventative Maintenance

Add the following courses to the course inventory and the certificate:

- DEMR 1321: Power Train I
  Fundamental repair and theory of power trains including clutches, transmissions, drive shafts and differentials. Emphasis on inspection and repair.
  (3 sem hrs; 2 lec, 2 lab)
  Learning Outcomes:

- Perform visual inspection of components; determine serviceability of components; and disassemble and reassemble power train components.
- DEMR 1347: Power Train II
  Continuation of fundamentals and theory of power train systems. Emphasis on disassembly, inspection and repair of power train components.
  (3 sem hrs; 2 lec, 2 lab)
  Learning Outcomes:
  Evaluate component failures; interpret power flow concepts; and repair power train components.
- DEMR 2346: Advanced Heating, Ventilation and Air Conditioning (HVAC)
  Advanced concepts in heating, ventilation, and air conditioning. Emphasis on systematic troubleshooting.
  (3 sem hrs; 2 lec, 3 lab)
  Learning Outcomes:
  Perform advanced diagnosis using specialized testing equipment and procedures; evaluate components using visual and standard testing procedures; and reclaim refrigerants using approved standards and equipment.
- DEMR 2412: Diesel Engine Testing and Repair II
  Continuation of Diesel Engine Testing and Repair I. Coverage of testing and repairing diesel engines including related systems and specialized tools.
  (4 sem hrs; 3 lec, 2 lab)
  Learning Outcomes:
  Identify, inspect, evaluate, disassemble and reassemble engine parts.

Add DEMR 2331: Advanced Brake Systems to the certificate.

And increase the total from 41 to 42 semester hours.

Usnick moved, seconded by Austin to approve changes to Diesel Mechanics Certificate. The motion carried.

Machining

Robert Gustin submitted a request to add the following course to the course inventory:

MCHN 1380: Cooperative Education – Machine Tool Technology
Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.
(3 sem hrs; 1 lec, 20 hrs work/week)

End-of-Course 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.

And delete the following course from the course inventory:

MCHN 1305: Metals & Heat Treatment

<u>Wyckoff moved, seconded Crawford by to approve Machining course changes. The motion carried.</u>

Paralegal

Bruce Moseley submitted a request to add the following course to the course inventory:

LGLA 2309: Real Property
Presents fundamental concepts of real property law including the nature of real property, rights and duties of ownership, land use, voluntary and involuntary conveyances, and the recording of and searching for real estate documents emphasizing the paralegal's role in real property law.
(3 sem hrs; 3 lec)
Learning Outcomes:
Use terminology relating to real property law; analyze sources relating to real property law; draft documents used in real property transactions; and analyze the ethical considerations of the paralegal regarding real property law.

And make the following changes to the Paralegal Studies AAS (LGLA.AAS):

- Delete the following courses from the curriculum:
    - o POFI 2340: Advanced Word Processing
    - o LGLA 2335: Advanced Civil Litigation
    - o LGLA 1351: Contracts
    - o LGLA 2313: Criminal Law & Procedure
    - o RELE 1311: Real Estate Contracts
- Add the following courses to the curriculum:
    - o LGLA 2309: Real Property
    - o BUSI 2301: Business Law
    - o CRIJ 1310: Fundamentals of Criminal Law
- Reduce the total from 72 to 69 semester hours

<u>Davis moved, seconded by Norman to approve changes to the Paralegal Studies AAS degree. The motion carried.</u>

Truck Driving

Robert Mathews submitted a request to add consumable fees to the following courses:

- CVOP 2135: Defensive Driving Course - $147.00
- CVOP 1205: Commercial Drivers License Written Skills - $367.00
- CVOP 1301: Commercial Drivers License Driving Skills - $440.00
- CVOP 2233: Advanced Driving Skills I - $440.00
- CVOP 2337: Advanced Driving Skills II - $440.00

<u>Robertson moved, seconded by Davis to approve the addition of consumable fees to the Truck Driving courses, pending approval of the AC Board of Regents. The motion carried.</u>

HEALTH SCIENCES
Dental Assisting

Dana Scott submitted a request to add the following courses to the course inventory:

- DNTA 1251: Dental Office Management
  The study of business office procedures, including telephone management, appointment control, receipt of payment for dental services, completion of third-party reimbursement forms, supply inventory maintenance, data entry for charges and payments, record management (manage recall systems), federal and state guidelines regarding health care providers and operating basic business equipment.
  (2 sem hrs; 2 lec, 2 lab)
  Outcomes:
  Utilize software appropriate to dental offices; interpret information for dental office management; and apply management skills.
- DNTA 1353: Dental Assisting Applications
  Prerequisite: DNTA 1315
  Dental assisting techniques with emphasis on four-handed dentistry and utilization of tray setups for general practice and specialty procedures.
  (3 sem hrs; 2 lec, 3 lab)
  Outcomes:
  Demonstrate mastery in assembling the appropriate armamentarium for designated dental specialty procedures; and apply American Dental Association regulated standard precautions.
- DNTA 2130: Seminar for the Dental Assistant
  Corequisite: DNTA 1266
  Case studies during the clinical phase of practicum.
  (1 sem hr; 1 lec)
  Outcomes:
  Analyze problem situations from case studies in the clinical phase of the program; and formulate responses to presented topics.

A request was submitted to make the following changes to the Dental Assisting Certificate

(DNTA.CERT):

- Replace DNTA 1351: Dental Office Management with DNTA 1251: Dental Office Management
- Replace DNTA 1453: Dental Assisting Applications with DNTA 1353: Dental Assisting Applications
- Replace DNTA 2230: Seminar for the Dental Assistant with DNTA 2130: Seminar for the Dental Assistant
- Delete POFT 1329: Keyboarding and Document Formatting
- Add BIOL 2401: Human Anatomy and Physiology I to the General Education Requirements
- Add HITT 1305: Medical Terminology I to the Related Required Courses
- Increase the total from 41 to 42 semester hours

Moller moved, seconded by Massie to approve the changes to the Dental Assisting Certificate. The motion carried.

Medical Data Specialist

Judy Massie submitted a request to update the following course descriptions:

- HITT 1305: Medical Terminology I
  Study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties.
- HITT 1341: Coding and Classification Systems
  Prerequisites: HITT 1305, MDCA 1302 and BIOL 2401
  Fundamentals of coding rules, conventions and guidelines using clinical classification systems.
- HITT 1342: Ambulatory Coding
  Fundamentals of ambulatory coding rules, conventions and guidelines.
- HPRS 1205: Essentials of Medical Law/Ethics for Health Professionals
  Introduction to the relationship between legal aspects and ethics in health care, with emphasis on responsibilities of health care professionals.
- MDCA 1321: Administrative Procedures
  Medical office procedures including appointment scheduling, medical records creation and maintenance, interpersonal communications, bookkeeping tasks, coding, billing, collecting, third party reimbursement, credit arrangements and computer use in the medical office.
- MRMT 1407: Medical Transcription I
  Fundamentals of medical transcription with hands-on experience in transcribing physician dictation including basic reports such as history and physicals, discharge summaries, consultations, operative reports and other medical reports. Utilizes

technology compatible with industry standards. Designed to develop speed and accuracy.

- MRMT 2433: Medical Transcription II
  Prerequisite: MRMT 1407
  Transcription of medical reports with increasing speed and accuracy including history and physicals, consultations, discharge summaries, operative reports and other medical reports.

Delete the following courses from the course inventory:

- HITT 1303: Medical Terminology II
- MDCA 1409: Anatomy and Physiology for Medical Assistants

And make the following changes to the Medical Data Specialist Certificate (MDSP.CERT):

- Delete HITT 1303: Medical Terminology II
- Delete MDCA 1409: Anatomy and Physiology for Medical Assistants
- Add BIOL 2401: Human Anatomy and Physiology I
- Add BIOL 2402: Human Anatomy and Physiology II
- Change the total from 35-41 to 36-42 semester hours

<u>Austin, seconded by Davis to approve the changes to the Medical Data Specialist Certificate and courses. The motion carried.</u>

<u>Mortuary Science</u>

Scott Rankin submitted a request to add the following course to the course inventory:

MRTS 1211: History of Mortuary Science
An overview of the principles and history of funeral service. Introduction to the period of time from the early Egyptians (c. 4000 BC) to the present and exploration of funeral service as a career.
(2 sem hrs; 2 lec)
Course Outcomes:
Describe the historical roots of the American funeral; explain how historical practices influence and relate to modern funeralization; identify persons significant to the development of funeral service; and define funeral terminology.

Delete the following course from the course inventory:

- MRTS 1311: History of Mortuary Science

Make the following changes to the Mortuary Science Certificate (MRTS.CERT):

- Replace MRTS 1311: History of Mortuary Science with MRTS 1211: History of Mortuary Science

- Add BIOL 2401: Human Anatomy & Physiology I
- Add HITT 1305: Medical Terminology I
- Increase the total from 35 to 41 semester hours

And make the following changes to the Mortuary Science AAS (MRTS.AAS):

- Replace MRTS 1311: History of Mortuary Science with MRTS 1211: History of Mortuary Science
- Add BIOL 2401: Human Anatomy & Physiology I
- Increase the total from 69 to 72 semester hours

Davis moved, seconded by Usnick to approve the changes to the Mortuary Science Certificate and AAS degree. The motion carried.

Pharmacy Technology

Shawna Lopez submitted a request to make the following changes to the Pharmacy Technology Certificate (PHRA.CERT):

- Delete HITT 1303: Medical Terminology II
- Add BIOL 2401: Human Anatomy & Physiology I
- Increase the total from 28 to 29 semester hours

Robertson moved, seconded by Moller to approve the changes to the Pharmacy Technology Certificate. The motion carried.

Sonography

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

- Delete DMSO 2254: Neurosonology from curriculum and the course inventory
- Replace RADR 1317: Radiographic Anatomy & Physiology I with BIOL 2401: Human Anatomy & Physiology I
- Replace RADR 1318: Radiographic Anatomy & Physiology II with BIOL 2402: Human Anatomy & Physiology II

Robertson moved, seconded by Wyckoff to approve the changes to the Sonography degree. The motion carried.

Addendum
Nursing

After the final Curriculum Committee meeting Sheryl Mueller notified Carol Moore that several RNSG course titles/descriptions has been updated in WECM but had not been submitted to the Committee for approval. The following list of courses was sent via email to each Committee member for review and each of the Committee members responded, via

email, approval of the changes.

- RNSG 1227:Transition to Professional Nursing
  Content includes health promotion, expanded assessment, analysis of data, critical thinking skills and systematic problem solving process, pharmacology, interdisciplinary teamwork, communication, and applicable competencies in knowledge, judgment skills and professional values within a legal/ethical framework throughout the life span. This course lends itself to either a blocked or integrated approach.
- RNSG 1261: Clinical – Transition to Professional Nursing
  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.
- RNSG 1151: Care of the Childbearing Family
  Study of concepts related to the provision of perinatal nursing care for childbearing families. Content includes knowledge judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach.
- RNSG 1209: Introduction to Nursing
  Overview of nursing and the role of the professional nurse as provider in patient-centered care, patient safety advocate, member of health care team and member of the profession. Content includes knowledge, judgment, skills and professional values with a legal/ethical framework. This course lends itself to a blocked approach.
- RNSG 1105: Nursing Skills I
  Study of the concepts and principles necessary to perform basic nursing skills for the adult patient; and demonstrate competence in the performance of nursing procedures. Content includes knowledge, judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach.
- RNSG 1301: Pharmacology
  Introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects and nursing implications of drug classifications. Content includes the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. This course lends itself to either a blocked or integrated approach.
- RNSG 1331: Principles of Clinical Decision Making
  Examination of selected principles related to the continued development of the professional nurse as a provider of patient-centered care, patient safety advocate, member of health care team and member of the profession. Emphasis on clinical decision making for clients in medical-surgical settings experiencing health problems involving fluid and electrolytes; perioperative care; pain; respiratory disorders; peripheral vascular disorders; immunologic disorders; and infectious disorders. Discussion of knowledge, judgment, skills and professional values within a

legal/ethical framework. This course lends itself to either a blocked or integrated approach.

- RNSG 1247: Concepts of Clinical Decision Making
Integration of previous knowledge and skills into the continued development of the professional nurse as a provider of patient-centered care, patient safety advocate, member of health care team and member of the profession. Emphasis on clinical decision-making for clients in medical-surgical settings experiencing health problems involving gastrointestinal disorders, endocrine and metabolic disorders, reproductive and sexual disorders, musculoskeletal disorders, eye-ear-nose-throat disorders and integumentary disorders. Discussion of knowledge, judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach.
- RNSG 1251: Care of the Childbearing Family
Study of concepts related to the provision of perinatal nursing care for childbearing families. Content includes knowledge judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach.
- RNSG 1248: Concepts of Clinical Decision Making II
Integration of previous knowledge and skills into the continued development of the professional nurse as a provider of patient-centered care, patient safety advocate, member of health care team and member of the profession. Emphasis on clinical decision-making for clients in medical-surgical settings experiencing health problems involving gastrointestinal disorders, endocrine and metabolic disorders, reproductive and sexual disorders, musculoskeletal disorders, eye-ear-nose-throat disorders and integumentary disorders. Discussion of knowledge, judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach.
- RNSG 2213: Mental Health Nursing
Principles and concepts of mental health, psychopathology and treatment modalities related to the nursing care of patients and their families. This course lends itself to a blocked approach.
- RNSG 2231: Advance Concepts of Adult Health
Application of advanced concepts and skills for the development of the professional nurse's roles with adult patients and families involving multiple body systems. Emphasis on advanced knowledge, judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach.
- RNSG 2221: Professional Nursing: Leadership and Management
Exploration of leadership and management principles applicable to the roles of the professional nurse. Includes application of knowledge, judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach.
- RNSG 2263: Clinical – Professional Nursing: Leadership and Management

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.

- RNSG 1110: Introduction to Community-Based Nursing
  Overview of the delivery of nursing care in a variety of community-based settings; application of systematic problem-solving processes and critical thinking skills, focusing on the examination of concepts and theories relevant to community-based nursing; and development of judgment, skill and professional values within a legal/ethical framework.

Current	Coordinating Board	Proposed
GOVT 2305: Government of the United States	GOVT 2305: Federal Government (Federal Constitution and Topics)	GOVT 2305: United States Government
GOVT 2306: Government of Texas	GOVT 2306: Texas Government (Texas Constitution and Topics)	GOVT 2306: Texas Government
ENGL 1301: Freshman Composition I	ENGL 1301: Composition I	ENGL 1301: Composition I
ENGL 1302: Freshman Composition II	ENGL 1302: Composition II	ENGL 1302: Composition II
ENGL 2311: Technical Writing	ENGL 2311: Technical and Business Writing	ENGL 2311: Technical and Business Writing
ENGL 2327: American Literature: Beginnings to the Civil War	ENGL 2327: American Literature I	ENGL 2327: American Literature I
ENGL 2328: American Literature: Civil War to the Present	ENGL 2328: American Literature II	ENGL 2328: American Literature II
ENGL 2322: Masterworks of English	ENGL 2322: British Literature I	ENGL 2322: British Literature I
ENGL 2323: Masterworks of English	ENGL 2323 : British Literature II	ENGL 2323 : British Literature II
ENGL 2331: Literature of the Non-Western World	ENGL 2331: World Literature	ENGL 2331: Non-Western World Literature
ENGL 2332: Literature of the Western World	ENGL 2332: World Literature I	ENGL 2332: World Literature I
ENGL 2333: Literature of the Western World	ENGL 2333: World Literature II	ENGL 2333: World Literature II
HIST 1301: History of the United States I	HIST 1301: United States History I	HIST 1301: United States History I
HIST 1302: History of the United States II	HIST 1302: United States History II	HIST 1302: United States History II
HIST 2311: Western Civilization	HIST 2311: Western Civilization I	HIST 2311: Western Civilization I
HIST 2322: Comparative World History Since 1500	HIST 2322: World Civilizations II	HIST 2322: World Civilizations II
ECON 1301: Introduction to Economics	ECON 1301: Introduction to Economics	ECON 1301: Introduction to Economics
ECON 2301: Principles of Economics I	ECON 2301: Principles of Macroeconomics	ECON 2301: Principles of Macroeconomics
ECON 2302: Principles of Economics II	ECON 2302: Principles of Microeconomics	ECON 2302: Principles of Microeconomics
MATH 1314: College Algebra	MATH 1314: College Algebra	Math 1314: College Algebra
MATH 2412: Precalculus	MATH 2412: Pre-Calculus Math	MATH 2412: Pre-Calculus
MATH 1316: Trigonometry	MATH 1316: Plane Trigonometry	MATH 1316: Trigonometry
MATH 1342: Statistics	MATH 1342: Elementary Statistical Methods	MATH 1342: Statistics

MATH 2305: Discrete Mathematics	MATH 2305: Discrete Mathematics	MATH 2305: Discrete Mathematics
MATH 2318: Linear Algebra	MATH 2318: Linear Algebra	MATH 2318: Linear Algebra
MATH 2320: Differential Equations	MATH 2320: Differential Equations	MATH 2320: Differential Equations
MATH 2413: Calculus I	MATH 2413: Calculus I	MATH 2413: Calculus I
MATH 2414: Calculus II	MATH 2414: Calculus II	MATH 2414: Calculus II
MATH 2415: Calculus III	MATH 2415: Calculus III	MATH 2415: Calculus III
ENGR 1307: Surveying	ENGR 1307: Plane Surveying	ENGR 1307: Plane Surveying
ENGR 2305: Electrical Circuits	ENGR 2305: Electrical Circuits I	ENGR 2305: Electrical Circuits I
	ENGR 2105: Electrical Circuits I Laboratory	
	Integrated Reading and Writing (New Developmental Education Course)	

Division: Arts and Sciences

Department/Program: Criminal Justice

Prepared by: Toni Gray

Request for the Criminal Justice Law Enforcement AAS:

     a. Add ENGL 2311 Technical Writing as an option to the Communications requirement. The student may either take ENGL 1302 or ENGL 2311. I spoke with Dan Ferguson and he indicated as demand increased for this course, so would course offerings.

     b. Add PSYC 2301 General Psychology to the Social and Behavioral Sciences requirement. The student can choose between GOVT 2306 Government of Texas or PSYC 2301 General Psychology.

     c. Add the following to the Major Course Options:

          HMSY 1337: Introduction to Homeland Security
          HMSY 1340: Homeland Security Intelligence Operations
          HMSY 1342: Understanding and Combating Terrorism
          HMSY 1343: Weapons of Mass Destruction

     d. Add the following to the Related Course Requirements Cyber Security Options:

          CPMT 1351: IT Essentials I: PC Hardware & Software
          ITSY 1342: Information Technology Security

The current and proposed degree plan, course descriptions and learning outcomes are attached.

       Rationale / Justification /
          Assessment Data: This is a collaborative effort with Amarillo College and international, state and local law enforcement officers expressing a desire to offer a degree program in homeland security. There is a great need to fill in this area with the inception of the Department of Homeland Security in 2003, under President George W. Bush in response to the events that took place on September 11, 2001.

          A special meeting was held with the Panhandle Regional Law Enforcement Academy – Criminal Justice Advisory Committee on February 1, 2012. They strongly supported the new courses.

          A survey was sent to 1,597 Panhandle LE Officers and Amarillo College students. While only 50 responded, they were overwhelmingly in support of the homeland security courses.

          Several on the Advisory Committee and several in the survey indicated a need for Cyber Security related courses.

       Effects of Revisions

A. Faculty & Staff Requirements: The Criminal Justice Assistant Professor, Sarah Uselding, will develop HMSY 1337 Introduction to Homeland Security and HMSY 1343 Weapons of Mass Destruction online for the Fall 2012

semester. Lt. Jim Burgess with the Amarillo Police Depart, will teach HMSY 1342: Understanding and Combating Terrorism on Monday evenings in the Fall semester. Sarah Uselding will development HMSY 1340 Understanding Security Intelligence Operations and HMSY 1342 Understanding and Combating Terrorism online for the Spring 2013 semester.

Courses will be set up and offered according to the standard policy of Amarillo College.

Mrs. Uselding will request a stipend through CTL for the development of the HMSY master shells. Mrs. Uselding will also explore and utilize funds that are available from the AEDC and under the direction of Dr. Shawn Fouts for development of homeland security online courses.

Advisors and staff for this degree plan will be completely informed of the degree requirements and advise and offer information accurately.

B.
Equipment/Facility Requirements: None

C. Location: West Campus Building C, Room 103 and AC Online

D. Income projections: Currently our academic programs generate an average of $103,000 after all expenses are paid. The department when adding in the Continuing Education component with the academic clears an average of $300,000. The HMSY courses will show as income and expenses through our academic program account 10 11 04 411600.

There are approximately 450 Criminal Justice majors with about 150 in the Criminal Justice Law Enforcement AAS degree. The other students are either in the Criminal Justice AS or Forensic Science AS degrees. We enroll approximately 7,000 continuing education students annually.

Our department is entrepreneurial in nature. We only run programs that are going to generate a profit.

The income received from the student's tuition and fees will exceed the instructional costs of Mrs. Uselding and Lt. Burgess for each class.

Currently, there are approximately 8 officers taking advantage of the exemption.

From the Coordinating Board:
Is there a limit to the number of students receiving the tuition and fee exemption?

FIREFIGHTER EXEMPTION
> Not for Fire Fighters.

PEACE OFFICE EXEMPTION
> Yes. The institution may not provide exemptions through the Peace Officer exemption program to more than 20% of the maximum enrollment for that class. (TEC 54.208 (d)).

Effective Date: 08/01/2012

CURRENT
CRIMINAL JUSTICE LAW ENFORCEMENT (A.A.S.)

Associate in Applied Science
Major Code - CJLE.AAS.LENF

For persons wishing to pursue a career in law enforcement and includes TCLEOSE requirements for basic licensure examination. Students desiring entrance into this program must contact the Program Advisor or the Criminal Justice Programs for instructions.

General Education Requirements (18 Semester Hours)
Communication – 9 Hours
   Speech*
   ENGL 1301: Freshman Composition I
   ENGL 1302: Freshman Composition II
Humanities/Fine Arts*
Mathematics/Natural Sciences – 3 Hours
   MATH 1333: Contemporary Mathematics I
   (or any college level Mathematics course)
Social Behavioral Sciences
   GOVT 2306: Government of Texas

Major Core Requirements (21 Semester Hours)
CRIJ 1301: Introduction to Criminal Justice
CRIJ 1306: Court Systems and Practices
CRIJ 1307: Crime in America
CRIJ 1310: Fundamentals of Criminal Law
~~CRIJ 2313: Correctional Systems and Practices~~
CRIJ 2314: Criminal Investigation
CRIJ 2328: Police Systems and Practices

Major Course Requirements (24 Semester Hours)
The following classes include the Texas Commission on Law Enforcement Officers Standards and Education (TCLEOSE) approved Basic Peace Officer Academy and can only be taken as a Unit. The classes are a total of 700 clock hours and will enable students who complete all 5 classes to sit for the state licensing (TCLEOSE) exam.

   CJLE 1506: Basic Peace Officer I
   CJLE 1512: Basic Peace Officer II
   CJLE 1518: Basic Peace Officer III
   CJLE 1524: Basic Peace Officer IV
   CJLE 1429: Basic Peace Officer V

Related Course Requirements (3 Semester Hours)
   BCIS 1305: Business Computer Applications

Total (66 Semester Hours)

PROPOSED
CRIMINAL JUSTICE LAW ENFORCEMENT (A.A.S.)
Associate in Applied Science

Major Code - CJLE.AAS.LENF

For persons wishing to pursue a career in law enforcement and includes TCLEOSE requirements for basic licensure examination. Students desiring entrance into this program must contact the Program Advisor or the Criminal Justice Programs for instructions.

General Education Requirements (18 Semester Hours)
Communication – 9 Hours
   Speech*
   ENGL 1301: Freshman Composition I
   ENGL 1302: Freshman Composition II
   Or
   ENGL 2311: Technical Writing
Humanities/Fine Arts*
Mathematics/Natural Sciences – 3 Hours
   MATH 1333: Contemporary Mathematics I
   (or any college level Mathematics course)
Social Behavioral Sciences
   GOVT 2306: Government of Texas
   Or
   PSYC 2301: General Psychology

Major Course Requirements (24 Semester Hours)
The following classes include the Texas Commission on Law Enforcement Officers Standards and Education (TCLEOSE) approved Basic Peace Officer Academy and can only be taken as a Unit. The classes are a total of 700 clock hours and will enable students who complete all 5 classes to sit for the state licensing (TCLEOSE) exam.

   CJLE 1506: Basic Peace Officer I
   CJLE 1512: Basic Peace Officer II
   CJLE 1518: Basic Peace Officer III
   CJLE 1524: Basic Peace Officer IV
   CJLE 1429: Basic Peace Officer V

Major Course Options (21 Semester Hours)
Complete 21 hours (7 courses) from the following:
   CRIJ 1301: Introduction to Criminal Justice
   CRIJ 1306: Court Systems and Practices
   CRIJ 1307: Crime in America
   CRIJ 1310: Fundamentals of Criminal Law
   CRIJ 2314: Criminal Investigation
   CRIJ 2328: Police Systems and Practices
   HMSY 1337: Introduction to Homeland Security
   HMSY 1340: Homeland Security Intelligence Operations
   HMSY 1342: Understanding and Combating Terrorism
   HMSY 1343: Weapons of Mass Destruction
Related Course Requirements (3-9 Semester Hours)
   BCIS 1305: Business Computer Applications

Cyber Security Options (0-6 Semester Hours)
   CPMT 1351: IT Essentials I: PC Hardware & Software
   ITSY 1342: Information Technology Security
Total (66-72 Semester Hours)

Curriculum Revision Request
Division: Arts & Sciences
Department / Program: Mathematics, Sciences, & Engineering/Physical Sciences
Prepared By: Emery Shier
Request
a. Revise Physics Major to replace COSC 1317: Computer Programming for Engineers and Scientists with MATH 1342: Statistics
b.
c.
d.
Rationale / Justification: COSC 1317 has not been taught for several years due to low interest/enrollment. This shifts the requirement to another, appropriate Mathematics course that is offered frequently.
Effects of Revisions
A. Faculty & Staff Requirements: none
B. Equipment/Facility Requirements: none
C. Location: none
D. Income projections: none
Effective Date: 08/27/2012

CURRENT	PROPOSED
PHYSICS	**PHYSICS**

PHYSICS

General Education Requirements (43 Semester Hours)

Communication - 9 Hours
- Speech
- ENGL 1301 - Freshman Composition I
- ENGL 1302 - Freshman Composition II

Social/Behavioral Sciences - 15 Hours
- Social/Behavioral Science
- GOVT 2305 - Government of the United States
- GOVT 2306 - Government of Texas
- HIST 1301 - History of the United States I
- HIST 1302 - History of the United States II

Humanities - 3 Hours
- Humanities

Fine Arts - 3 Hours
- Fine Arts

Mathematics - 4 Hours
- MATH 2413 - Calculus I

Natural Sciences - 8 Hours
- PHYS 2425 - Principles of Physics I
- PHYS 2426 - Principles of Physics II

Lifetime Fitness - 1 Hour
- Lifetime Fitness

Major Course Requirements (11 Semester Hours)
- ~~COSC 1317 - Computer Programming for Engineers and Scientists~~
- PHYS 2425 - Principles of Physics I
- PHYS 2426 - Principles of Physics II

Recommended Courses (12 Semester Hours)
Students will be advised for other courses based on the university to which they plan to transfer.

Optional Courses:
- CHEM 2223 - Organic Chemistry I Laboratory
- CHEM 2225 - Organic Chemistry II Laboratory
- CHEM 2323 - Organic Chemistry I
- CHEM 2325 - Organic Chemistry II
- MATH 1348 - Analytic Geometry
- MATH 2414 - Calculus II

Total (66 Semester Hours)

PROPOSED

PHYSICS

General Education Requirements (43 Semester Hours)

Communication - 9 Hours
- Speech
- ENGL 1301 - Freshman Composition I
- ENGL 1302 - Freshman Composition II

Social/Behavioral Sciences - 15 Hours
- Social/Behavioral Science
- GOVT 2305 - Government of the United States
- GOVT 2306 - Government of Texas
- HIST 1301 - History of the United States I
- HIST 1302 - History of the United States II

Humanities - 3 Hours
- Humanities

Fine Arts - 3 Hours
- Fine Arts

Mathematics - 4 Hours
- MATH 2413 - Calculus I

Natural Sciences - 8 Hours
- PHYS 2425 - Principles of Physics I
- PHYS 2426 - Principles of Physics II

Lifetime Fitness - 1 Hour
- Lifetime Fitness

Major Course Requirements (11 Semester Hours)
- MATH 1342 - Statistics
- PHYS 2425 - Principles of Physics I
- PHYS 2426 - Principles of Physics II

Recommended Courses (12 Semester Hours)
Students will be advised for other courses based on the university to which they plan to transfer.

Optional Courses:
- CHEM 2223 - Organic Chemistry I Laboratory
- CHEM 2225 - Organic Chemistry II Laboratory
- CHEM 2323 - Organic Chemistry I
- CHEM 2325 - Organic Chemistry II
- MATH 1348 - Analytic Geometry
- MATH 2414 - Calculus II

Total (66 Semester Hours)

Curriculum Revision Request

Division: Arts & Sciences

Department / Program: Mathematics, Sciences, & Engineering/Physical Sciences

Prepared By: Emery Shier

Request

a. Revise Chemistry Major to replace COSC 1317: Computer Programming for Engineers and Scientists with MATH 1342: Statistics

b. Revise Chemistry Major to include option to take PHYS 1401: College Physics I and PHYS 1402: College Physics II rather than the PHYS 2425/2426: Principles of Physics sequence.

c.

d.

Rationale / Justification: a) COSC 1317 has not been taught for several years due to low interest/enrollment. This shifts the requirement to another, appropriate Mathematics course that is offered frequently. In addition, this will make the Chemistry major more appealing to Pre-Pharmacy majors as all PharmD programs I'm aware of require Statistics. b) Allowing Chemistry majors to take the College Physics sequence rather than Principles of Physics allows more flexibility in their scheduling of classes (in regards to both what semester they take a class and what time during a given semester they take a course). Most local Universities will allow a BA degree in Chemistry with non-Calculus (College) Physics (Texas A&M, Texas Tech, ENMU, WTAMU). Again, as most PharmD programs only require PHYS 1401, this makes the Chemistry degree more appealing to those who would declare Pre-Pharm. Students should be told to ensure what course they will need based on their transfer institution.

Effects of Revisions

A. Faculty & Staff Requirements: none
B. Equipment/Facility Requirements: none
C. Location: none
D. Income projections: none

Effective Date: 08/27/2012

CURRENT	PROPOSED
CHEMISTRY	*CHEMISTRY*
Program Requirements	Program Requirements
General Education Requirements (43 Semester Hours)	General Education Requirements (43 Semester Hours)
Communication - 9 Hours	*Communication - 9 Hours*

CURRENT

CHEMISTRY

Program Requirements

General Education Requirements (43 Semester Hours)

Communication - 9 Hours

- Speech
- ENGL 1301 - Freshman Composition I
- ENGL 1302 - Freshman Composition II

Social/Behavioral Sciences - 15 Hours

- Social/Behavioral Science Elective
- GOVT 2305 - Government of the United States
- GOVT 2306 - Government of Texas
- HIST 1301 - History of the United States I
- HIST 1302 - History of the United States II

Humanities - 3 Hours

- Humanities

Fine Arts - 3 Hours

- Fine Arts

Mathematics - 4 Hours

- MATH 2413 - Calculus I

Natural Sciences - 8 Hours

- PHYS 2425 - Principles of Physics I
- PHYS 2426 - Principles of Physics II

Lifetime Fitness - 1 Hour

- Lifetime Fitness

Major Course Requirements (13 Semester Hours)

- CHEM 2223 - Organic Chemistry I Laboratory
- CHEM 2225 - Organic Chemistry II Laboratory
- CHEM 2323 - Organic Chemistry I
- CHEM 2325 - Organic Chemistry II
- COSC 1317 - Computer Programming for Engineers and Scientists

Recommended Courses (10 Semester Hours)

Students will be advised for other courses based on the university to which they plan to transfer.

Optional Courses:

- CHEM 1111 - Principles of Chemistry I Laboratory
- CHEM 1112 - Principles of Chemistry II Laboratory
- CHEM 1311 - Principles of Chemistry I
- CHEM 1312 - Principles of Chemistry II
- MATH 1348 - Analytic Geometry
- MATH 2414 - Calculus II

Total (66 Semester Hours)

PROPOSED

CHEMISTRY

Program Requirements

General Education Requirements (43 Semester Hours)

Communication - 9 Hours

- Speech
- ENGL 1301 - Freshman Composition I
- ENGL 1302 - Freshman Composition II

Social/Behavioral Sciences - 15 Hours

- Social/Behavioral Science Elective
- GOVT 2305 - Government of the United States
- GOVT 2306 - Government of Texas
- HIST 1301 - History of the United States I
- HIST 1302 - History of the United States II

Humanities - 3 Hours

- Humanities

Fine Arts - 3 Hours

- Fine Arts

Mathematics - 4 Hours

- MATH 2413 - Calculus I

Natural Sciences - 8 Hours

- PHYS 2425 - Principles of Physics I or PHYS 1401 - College Physics I
- PHYS 2426 - Principles of Physics II or PHYS 1402 - College Physics II

  Students will be advised for courses based on the university to which they plan to transfer.

Lifetime Fitness - 1 Hour

- Lifetime Fitness

Major Course Requirements (13 Semester Hours)

- CHEM 2223 - Organic Chemistry I Laboratory
- CHEM 2225 - Organic Chemistry II Laboratory
- CHEM 2323 - Organic Chemistry I
- CHEM 2325 - Organic Chemistry II
- MATH 1342 - Statistics

Recommended Courses (10 Semester Hours)

Students will be advised for other courses based on the university to which they plan to transfer.

Optional Courses:

- CHEM 1111 - Principles of Chemistry I Laboratory
- CHEM 1112 - Principles of Chemistry II Laboratory
- CHEM 1311 - Principles of Chemistry I
- CHEM 1312 - Principles of Chemistry II
- MATH 1348 - Analytic Geometry
- MATH 2414 - Calculus II

Total (66 Semester Hour

Curriculum Revision Request

Division: Arts & Sciences

Department / Program: Mathematics, Sciences, & Engineering/Physical Sciences

Prepared By: Emery Shier

Request

    a. Eliminate Pharmacy (Pre-Pharmacy/PHRA.AS) degree.

    b.

    c.

    d.

Rationale / Justification: Pre-Pharmacy degree is essentially redundant with Chemistry degree (especially with proposed changes made to Chemistry). In order to apply to PharmD programs, students are required to take almost all courses required by Chemistry degree and many others as well. Those courses not required by PharmD schools are general requirements and were already "extra" classes built into the PHRA.AS degree. The advantage of moving students into a Chemistry degree is that Chemistry falls under the STEM carreer cluster which has received several grants to institute additional support for students while Pre-Pharmacy falls under Health Sciences and declared Pharmacy majors are therefore ineligible.

Effects of Revisions

A. Faculty & Staff Requirements:	none
B. Equipment/Facility Requirements:	none
C. Location:	none
D. Income projections:	none

    Effective Date: 08/27/2012

Curriculum Revision Request

Division: Arts & Sciences

Department / Program: Mathematics, Sciences, & Engineering/Physical Sciences

Prepared By: Emery Shier

Request

a. Eliminate GEOL.AS as a major, but not eliminate the courses offered as GEOL.

b.

c.

d.

Rationale / Justification: We have very few Geology majors and most of those simply transfer rather than graduating. These two courses, however, are taught at what is close to a majors level because there are some majors. This isn't really serving the majors nor the students just taking the class for a science credit. Historical Geology, in particular, has low retention and lower GPAs because it requires significant amounts of Physical Geology, but does not have that as a prerequisite. Without the need to teach those two courses to majors' standards, similar, but lower level courses could be introduced that would better serve the majority of students (e.g. Physical Geology of National Parks).

Effects of Revisions

A. Faculty & Staff Requirements:	none
B. Equipment/Facility Requirements:	none
C. Location:	none
D. Income projections:	none

Effective Date: 08/27/2012

Curriculum Revision Request

Division:

Department / Program: Sciences and Engineering

Prepared By: Kathryn Wetzel

Request

a. The request is for the addition of a $20 course fee (for tutoring) to each sciences and engineering course. This is not a per hour fee but a flat fee for each lecture course in which the student is enrolled. Lab courses will not be charged a fee separate from that of the lecture. The courses are BIOL 1308, BIOL 1309, BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 1411, BIOL 1413, BIOL 1414, BIOL 1415, BIOL 2306, BIOL 2316, BIOL 2374, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2421, BIOL 2428, SCIT 1307, SCIT 1313, CHEM 1305, CHEM 1311, CHEM 1312, CHEM 1406, CHEM 1419, CHEM 2323, CHEM 2325, ENGR 1304, ENGR 1307, ENGR 1371, ENGR 2301, ENGR 2302, ENGR 2332, ENRG 2305, GEOL 1303, GEOL 1304, GEOL 1445, GEOL 1447, GEOL 1473, PHYS 1305, PHYS 1311, PHYS 1312, PHYS 1315, PHYS 1401, PHYS 1402, PHYS 1415, PHYS 1417, PHYS 2373, PHYS 2425, PHYS 2426.

b.

c.

d.

Rationale / Justification: The Sciences Study Center's attendance has been growing dramatically this past year. Already, we have expanded hours and hired on more student help but it continues to need more workers. With the increase in usage and projected increase over the next years, a person to work 40 hours a week to provide for quality and continuity of service is necessary. Currently we have student workers with no ongoing, in the room supervision. This fee will allow for the hiring of personnel to provide assistance to students in these fields which often have retention and pass rates that need improvement. Historically, tutoring does help increase these rates.

Effects of Revisions

A. Faculty & Staff Requirements: We will hire one 40 hour per week classified supervisor with at least a Bachelor's in one of the Science fields.

B. Equipment/Facility Requirements: N/A

C. Location: WARR

D. Income prejections: $65,000

Effective Date:

1. **Division:** Business
2. **Department/Program:** Computer Information Systems
3. **Prepared by:** Carol Buse
4. **Request:** Add prerequisites to the following courses:

ITSY 1342 – Information Technology Security
Prerequisites: ITCC 1401 and CPMT 1351

CPMT 2349 – Advanced Computer Networking Technologies
Prerequisites: CPMT 1351

ITSY 2300 – Operating System Security
Prerequisites: ITSY 1342

ITSY 2341 – Security Management Practices Concepts
Prerequisites: ITSY 2300

ITCC 2359 – Advanced Voice Over Internet Protocol (VOIP)
Prerequisites: ITCC1404

Rationale/Justification:

These courses have been added and/or re-designed to incorporate Cyber-Security. Some of the courses build upon the knowledge gained in other courses. Adding these prerequisites will help to ensure students have appropriate knowledge and skills required for the course.

5. **Effects of Revision:**
   a. **Faculty and Staff Requirements:** None
   b. **Equipment/Facility Requirements:** None
   c. **Location:** None
   d. **Income projections:** None

6. **Effective Date:** Fall 2012

1. **Division:**   Business

2. **Department/Program:**   Computer Information Systems

3. **Prepared by:**   Carol Buse

4. **Request:** Revise description of CIS – Microcomputer Software Specialist Certificate.

   Change the description from:

   "Designed to provide the student with needed skills in microcomputers for employment in various industries."

   To:

   The Microcomputer Software Specialist Certificate is not only for IT professionals, but for any person who desires to increase his or her opportunity for employment in various industries. Focusing on Microsoft Office, it prepares students for the Microsoft Office Specialist (MOS) exam. Additional courses include web development for basic web site creation and computer operations, file management, and desktop computer security such as installing virus protection software and firewalls.

5. **Rationale/Justification:**

   To better explain and distinguish the Microcomputer Software Specialist Certificate from Office Administration Software Certificate. Both certificates have (on the surface) similar content. A more detailed description provides the students a better understanding of what the Microcomputer Software Specialist Certificate entails.

5. **Effects of Revision:**
   a. **Faculty and Staff Requirements:** None
   b. **Equipment/Facility Requirements:** None
   c. **Location:** None
   d. **Income projections:** None

6. **Effective Date:** Fall 2012

1. **Division:**   Business
2. **Department/Program:**   Computer Information Systems
3. **Prepared by:**   Carol Buse
4. **Request:**   Add **HMSY 1342: Understanding and Combating Terrorism** to the Computer Cyber-Security Certificate, to the Computer Networking/Cyber-Security AAS degree.

A. Computer Cyber-Security Certificate

Current	Proposed
Description: This certificate prepares students to design and implement corporate security strategies, monitor and maintain network security, customize and optimize software, and handle routine software/hardware maintenance. Courses utilize hands-on labs and aid the student in preparing to take the following certification exams: A+, CompTIA Network+, CompTIA Security+, CAP, CISSP.	Description: This certificate prepares students to design and implement corporate security strategies, monitor and maintain network security, customize and optimize software, and handle routine software/hardware maintenance. Courses utilize hands-on labs and aid the student in preparing to take the following certification exams: A+, CompTIA Network+, CompTIA Security+, CAP, CISSP.
CPMT 1351 IT Essentials PC Hardware and Software	CPMT 1351 IT Essentials PC Hardware and Software
CPMT 2349 Advanced Computer Networking Technology	CPMT 2349 Advanced Computer Networking Technology
ITCC 1401 Exploration – Network Fundamentals	ITCC 1401 Exploration – Network Fundamentals
ITSY 1342 Information Technology Security	ITSY 1342 Information Technology Security
ITSY 2300 Operating Systems Security	ITSY 2300 Operating Systems Security
ITSY 2341 Security Management Practices	ITSY 2341 Security Management Practices
BCIS 1305 Business Computer Applications	BCIS 1305 Business Computer Applications
	HMSY 1342 Understanding and Combating Terrorism
Total 22 Semester Hours	**Total 25 Semester Hours**

B. Computer Networking/Cyber-Security AAS

Major Requirements: (Current)		Major Requirements: (Proposed)	
BCIS 1305 Business Computer Applications		BCIS 1305 Business Computer Applications	
CETT 1409 DC-AC Circuits		CETT 1409 DC-AC Circuits	
CPMT 1351 IT Essentials PC Hardware and Software		CPMT 1351 IT Essentials PC Hardware and Software	
CPMT 2349 Advanced Computer Networking Technologies		CPMT 2349 Advanced Computer Networking Technologies	
LOTT 1301 Introduction to Fiber Optics		LOTT 1301 Introduction to Fiber Optics	
ITSC 1407 UNIX Operating Systems I		ITSC 1407 UNIX Operating Systems I	
ITCC 1401 – Cisco Exploration 1 – Network Fundamentals		ITCC 1401 – Cisco Exploration 1 – Network Fundamentals	
ITCC 1404 – Cisco Exploration 2 – Routing Protocols and Concepts		ITCC 1404 – Cisco Exploration 2 – Routing Protocols and Concepts	
ITCC 2359 – Advanced Voice Over Internet Protocol (VOIP)		ITCC 2359 – Advanced Voice Over Internet Protocol (VOIP)	
ITCC 2408 – Cisco Exploration 3 – LAN Switching and Wireless		ITCC 2408 – Cisco Exploration 3 – LAN Switching and Wireless	
ITCC 2410 – Cisco Exploration 4 – Accessing the WAN		ITCC 2410 – Cisco Exploration 4 – Accessing the WAN	
ITSY 2317 – Wireless Security Development		ITSY 2317 – Wireless Security Development	
ITSY 1342 – Information Technology Security		ITSY 1342 – Information Technology Security	
ITSY 2300 – Operating System Security		ITSY 2300 – Operating System Security	
ITSY 2341 – Security Management Practices		ITSY 2341 – Security Management Practices	
		HMSY 1342 Understanding and Combating Terrorism	
Total	**51 hours**	**Total**	**54 hours**
Total Degree	**66 hours**	**Total Degree**	**69 hours**

Rationale/Justification:

Terrorists are participating more and more in cyber-crime. A Cyber-Security program must incorporate an understanding of terrorists including identifying international terrorism terrorist operations, cyber-terrorism, narco-terrorism, the mind of the terrorist, and organized crime's impact on terrorism.

5. **Effects of Revision:**

   a. **Faculty and Staff Requirements:** None
   b. **Equipment/Facility Requirements:** None
   c. **Location:** None
   d. **Income projections:** Increased enrollment due to interest in cyber-security. The US Dept of Labor predicts an increase of 34.5% job growth in Panhandle over next 10 year. FBI reports that cybercrime is bigger threat to US than terrorism (*Good Morning America*, Feb, 1, 2012).

6. **Effective Date:** Fall 2012

1. **Division:**   Business

2. **Department/Program:**   Computer Information Systems

3. **Prepared by:**   Carol Buse

4. **Request:** Revise general requirements for the Computer Information Systems – A.A.S. Degree

   A. Change the following speech requirements:

   From: SPCH 1315 – Public Speaking
       Or
       SPCH 1321 – Business and Professional Speaking

   To: Speech* (any speech class listed)

   B. Change the following math requirement:

   From: MATH 1324 – Mathematics for Business Decisions

   To: MATH 1324 – Mathematics for Business Decisions
       Or
       MATH 1314 – College Algebra ꙮꙮ

5. **Rationale/Justification:**

   A. Most CIS students need interpersonal communication skills rather than public speaking skills. Job skills include one-on-one meetings with computer users to gather requirements, train, trouble-shoot, provide technical support, etc. Any speech class that helps the student communicate better is appropriate to this degree.

   B. Math 1314 is often substituted for Math 1324 for students who have changed their major to CIS.

5. **Effects of Revision:**
   a. **Faculty and Staff Requirements:** None
   b. **Equipment/Facility Requirements:** None
   c. **Location:** None
   d. **Income projections:** None

6. **Effective Date:** Fall 2012

Computer Information Systems: General Education Requirements

CURRENT	PROPOSED
GENERAL EDUCATION REQUIREMENTS........15	**MAJOR GENERAL EDUCATION REQUIREMENTS........15**
Communication – 6 hours	**Communication – 6 hours**
ENGL 1301 – Freshman Composition I	ENGL 1301 – Freshman Composition I
~~SPCH 1315 – Public Speaking~~	Speech*
~~Or~~	**Humanities/Fine Arts – 3 hours**
~~SPCH 1321 – Business and Professional Speaking~~	ARTS 1311 – Design I
Humanities/Fine Arts – 3 hours	**Mathematics/Natural Sciences – 3 hours**
ARTS 1311 – Design I	MATH 1324 – Math for Business Decisions
Mathematics/Natural Sciences – 3 hours	Or
MATH 1324 – Math for Business Decisions	MATH 1314 – College Algebra
Social/Behavioral Sciences – 3 hours	**Social/Behavioral Sciences – 3 hours**
ECON 2301 – Principles of Economics	ECON 2301 – Principles of Economics

Computer Information Systems: Major Course Requirements

CURRENT	PROPOSED
MAJOR COURSE REQUIREMENTS........41-42	**MAJOR COURSE REQUIREMENTS........40-41**
BCIS 1305: Business Computer Applications	BCIS 1305: Business Computer Applications
BCIS 1401: Microcomputer Applications	BCIS 1401: Microcomputer Applications
COSC 1415: Programming Techniques and Logic Design	COSC 1415: Programming Techniques and Logic Design
~~CPMT 1305: IT Essentials I: PC Hardware and Software~~	CPMT 1351: IT Essentials: PC Hardware and Software
ITSC 1407: UNIX Operating System I	ITSC 1407: UNIX Operating System I
ITSE 1311: Beginning Web Page Programming	ITSE 1311: Beginning Web Page Programming
ITSE 2309: Database Programming	ITSE 2309: Database Programming
COSC 2430: Programming Techniques and Logic Design II	COSC 2430: Programming Techniques and Logic Design II
BCIS 2390: Systems Analysis I	BCIS 2390: Systems Analysis I
~~ITSY 1400: Fundamentals of Information Security~~	ITSY 1342: Information Technology Security
INEW 2334: Advanced Web Programming	INEW 2334: Advanced Web Programming
CIS Elective: CIS Elective (3 or 4 hour)	CIS Elective: CIS Elective (3 or 4 hour)

Major Option: CIS/Networking

~~MAJOR OPTION REQUIREMENTS........15~~ ~~Choose 4 from the following to total 12-15 hours:~~ ~~ITCC 1401: Exploration - Network Fundamentals~~ ~~ITCC 1404: Cisco Exploration 2 - Routing Protocols and~~ ~~Concepts~~ ~~ITCC 2408: Cisco Exploration 3 - LAN Switching and Wireless~~ ~~ITCC 2359: Advanced Voice Over Internet Protocol (VOIP)~~ ~~ITCC 2410: Cisco Exploration 4 - Accessing the WAN~~ ~~ITSY 1317: Wireless Foundations~~ ~~ITSY 1342: Information Technology Security~~ ~~ITSY 2300: Operating System Security~~	

Major Option: CIS/Recording Engineering

Current: 15 hours	Proposed: 15 hours
~~MUSI 1301 - Rudiments of Music~~	MUSI 1303 Fundamentals of Music or MUSI 1116 Elementary Ear-Training I AND MUSI 1211 Elementary Theory
MUSI 1306 - Music Appreciation	MUSI 1306 - Music Appreciation or MUSI 1310 American Music
MUSI 1390 - Electronic Music I	MUSI 1390 - Electronic Music I
MUSI 1391 - Electronic Music II	MUSI 1391 - Electronic Music II
MUAP 1187 - Independent Study Elective	MUAP 1187 - Independent Study Elective
MUAP 1288 - Independent Study Elective	MUAP 1288 - Independent Study Elective

Major Option: Cyber-Security

	NEW **MAJOR OPTION REQUIREMENTS......16** ITCC 1401: CISCO Exploration - Network Fundamentals CPMT 2349: Advanced Computer Networking ITSY 2300: Operating Systems Security ITSY 2341: Security Management Practices HMSY 1342: Understanding and Combating Terrorism

Major Option: Computer Information Systems

CIS **MAJOR OPTION REQUIREMENTS........15**	CIS **MAJOR OPTION REQUIREMENTS........15**
CIS, or related, electives to total 12-15 hours. ~~exempting~~ ~~COSC 1300~~	CIS, or related, electives to total 12-15 hours.

1. **Division:** Business

2. **Department/Program:** Computer Information Systems

3. **Prepared by:** Carol Buse

4. **Request:**

    A. Revise the major course requirements for the Computer Information Systems – A.A.S. Degree

        1. Replace CPMT 1305 with CPMT 1351
        2. Replace ITSY 1400 with ITSY 1342

    B. Revise Recording Engineering option:

Current:	Proposed:
MUSI 1301 - Rudiments of Music	MUSI 1303 Fundamentals of Music or MUSI 1116 Elementary Ear-Training I AND MUSI 1211 Elementary Theory
MUSI 1306 - Music Appreciation	MUSI 1306 - Music Appreciation or MUSI 1310 American Music
MUSI 1390 - Electronic Music I	MUSI 1390 - Electronic Music I
MUSI 1391 - Electronic Music II	MUSI 1391 - Electronic Music II
MUAP 1187 - Independent Study Elective	MUAP 1187 - Independent Study Elective
MUAP 1288 - Independent Study Elective	MUAP 1288 - Independent Study Elective

    C. Remove CIS/Networking option

    D. Add CIS/Cyber-Security Option   16 hours

        ITCC 1401   Network Fundamentals
        CPMT 2349   Advanced Computer Networking
        ITSY 2300   Operating Systems Security
        ITSY 2341   Security Management Practices
        HMSY 1342   Understanding and Combating Terrorism

5. **Rationale/Justification:**

    A. CPMT 1305 is being archived in WECM. CPMT 1351 is an equivalent course with the same title.
       ITSY 1400 and ITSY 1342 have similar content. By replacing ITSY 1400 with ITSY 1342, the course can be shared/taken by students in Networking and CIS.
    B. Revise Recording Engineering option to reflect course changes as requested by James Rauscher.
    C. Remove the Networking option because of the Network/Cyber-Security AAS is now available.
    D. Add CIS/Cyber-Security option for students who want a CIS background with Cyber-Security.

5. **Effects of Revision:**
    a. **Faculty and Staff Requirements:** None
    b. **Equipment/Facility Requirements:** None
    c. **Location:** None
    d. **Income projections:** None

6. **Effective Date:** Fall 2012

Curriculum Revision Request

Division: ITT

Department / Program: Transportation Technologies

Prepared By: Brian Jacob

Request

a. Add courses to Diesel Mechanics Technology Certificate. (Major Code DEMR.Certificate Change:: DEMR 1321, Power Train I; DEMR 1347, Power Train II; DEMR 2331, Advanced Brake Systems;DEMR 2346, Advanced HVAC;DEMR 2412, Diesel Engine Testing & Repair;

b. Delete These Courses: ~~DEMR 1406, Diesel Engine;~~DEMR 1449, Diesel Engine II;DEMR 2334, Advanced Diesel Tune-Up;DEMR 1421, Power Train I;DEMR 1442, Power Train Application; DEMR 1329

c. This request has been collaborated by Diesel Faculty and Advisory Board members. The change is needed to better prepare our students for jobs in the Diesel Repair Industry.

d. CHANGE CURRICULUM TO REFLECT CHANGE

Rationale / Justification: Upgrading curriculum to meet industry standards and new WECM Guidelines

Effects of Revisions

A. Faculty & Staff Requirements:	No Change
B. Equipment/Facility Requirements:	No Change
C. Location:	East Campus, Building S
D. Income prejections:	No Change

Effective Date: 3/1/2012

CURRENT		PROPOSED

CURRENT

Diesel   Mechanics

Major Code – DEMR.CERT.DT

Transportation Technology Department,
335-4370
Contact the Testing Center or the Program
Advisor for testing requirements. Testing
Requirements are based on the unique
Needs of the certificate program.
Prepares and qualifies students to be
Proficient in the skills required for
Diesel Technology Careers
SEMESTER HOURS
TRANSPORTATION CORE REQUIREMENTS   15
DEMR 1301: Shop Safety and Procedures
DEMR 1307: Automotive Electrical Systems
DEMR 1323: HVAC Troubleshooting and Repair
ABDR 1327: Suspension Systems
AUMT 1310: Automotive Brake Systems

Major Course Requirements   29
DEMR 1406-Diesel Engine
DEMR 1449-Diesel Engine II
DEMR 2334 Diesel Engine Tune Up
DEMR 1329-Preventative Maintenance
DEMR 1421 Power Train I
DEMR 1442 Power Train Applications I
DEMR 1329 Preventative Maintenance
DEMR 2432-Electronic Controls

TOTAL   41

PROPOSED

Diesel Mechanics

Major Code – DEMR.CERT.DT
Contact the
Transportation Technology Department,
335-4370
Contact the Testing Center or the Program
Advisor for Testing Center or the Program.
Requirements are based on the unique
Needs of the certificate program.
Prepares and qualifies students to be
Proficient in the skills required for
Diesel Technology Careers.
SEMESTER HOURS
TRANSPORTATION CORE REQUIREMENTS   15
-DEMR 1301: Shop Safety and Procedures
DEMR 1307: Automotive Electrical Systems
DEMR 1323: HVAC Troubleshooting and Repair
ABDR 1327: Suspension Systems
AUMT 1310: Automotive Brake Systems

MAJOR COURSE REQUIREMENTS   28 27
DEMR 1406 Diesel Eng I
DEMR 2412 Diesel Engine Testing & Repair
DEMR 1329 Preventative Maintenance
DEMR 2346 Advanced HVAC
DEMR 1321 Power Train I
DEMR 1347 Power Train II
DEMR 2432 Electronic Controls
DEMR 2331 Advanced Brakes

42

PROPOSED CURRICULUM
Diesel Mechanics Technology Certificate

Institution: Amarillo College
Program Location in District____Out-Of-District____

FICE Code: 003540
CIP Code: 47.0603

Program: Diesel Mechanics Technology
Award Title: Diesel Technician CERT.

Transportation Core Requirements (15 Semester Hours)

FIRST SEMESTER

CORE	Lec. Hrs.	Lab Hrs.	Ext Hrs.	Cont Hrs.	Cred. Hrs.
DEMR 1301 Shop Safety and Procedures	3	0	0	48	3
AUMT 1307 Automotive Electrical Systems	2	2	0	64	3
DEMR 1323 HVAC Troubleshooting and Repair	2	2	0	64	3
ABDR 1327 Suspension Systems	2	2	0	64	3
AUMT 1310 Automotive Brake Systems	2	2	0	64	3
TOTAL HOURS	11	8	0	288	15

SECOND SEMESTER					
DEMR 1406 Diesel Eng I	2	6	0	128	4
DEMR 1329 Prev. Maintenance	1	5	0	96	3
DEMR 2412 Diesel Eng. Testing & Repair	3	2	0	80	4
DEMR 2346 Advanced HVAC	2	3	0	80	3
TOTAL HOURS	8	16	0	384	14

SEMESTER THREE					
DEMR 1321 Power Train I	2	2	0	64	3
DEMR 1347 Power Train II	2	2	0	64	3
DEMR 2432 Electronic Controls	2	7	0	144	4
DEMR 2331 Advanced Brakes	2	2	0	64	3
TOTAL HOURS	8	13	0	336	13

TOTAL HOURS	27	37	0	1008	42
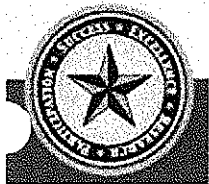
WORKFORCE EDUCATION COURSE MANUAL, 2011-2012

WECM Course

Power Train I

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
47.0605	DEMR	1321	Power Train I	Active	3	48	144

Course Level: Introductory

Course Description: Fundamental repair and theory of power trains including clutches, transmissions, drive shafts, and differentials. Emphasis on inspection and repair.

End-of-Course Outcomes: Perform visual inspection of components; determine serviceability of components; and disassemble and reassemble power train components.
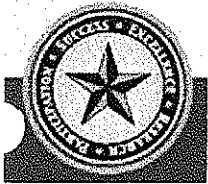
Lab Recommended

Cross Reference(s): CEU Course Section: Power Train I

CIP Code Description: 47.0605 (Diesel Mechanics Technology/Technician)

Year: 2010

Search WECM | WECM Comments | WECM (Old System)

WORKFORCE EDUCATION COURSE MANUAL, 2011-2012

WECM Course

Power Train II

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
47.0605	DEMR	1347	Power Train II	Active	3	48	128

Course Level: Intermediate

Course Description: Continuation of fundamentals and theory of power train systems. Emphasis on disassembly, inspection, and repair of power train components.

End-of-Course Outcomes: Evaluate component failures; interpret power flow concepts; and repair power train components.

Lab Recommended

Cross Reference(s): CEU Course Section: Power Train II

CIP Code Description: 47.0605 (Diesel Mechanics Technology/Technician)

Year: 2010

Search WECM | WECM Comments | WECM (Old System)

WORKFORCE EDUCATION COURSE MANUAL, 2011-2012

WECM Course

Advanced Heating, Ventilation, and Air Conditioning (HVAC)

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
47.0605	DEMR	2346	Advanced Heating, Ventilation, and Air Conditioning (HVAC)	Active	3	64	128

Course Level: Advanced

Course Description: Advanced concepts in heating, ventilation, and air conditioning. Emphasis on systematic troubleshooting.

End-of-Course Outcomes: Perform advanced diagnosis using specialized testing equipment and procedures; evaluate components using visual and standard testing procedures; and reclaim refrigerants using approved standards and equipment.
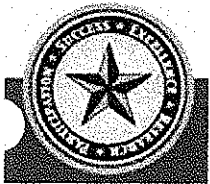
Lab Recommended

Cross Reference(s): CEU Course Section: Advanced Heating, Ventilation, and Air Conditioning (HVAC)

CIP Code Description: 47.0605 (Diesel Mechanics Technology/Technician)

Year: 2010

Search WECM | WECM Comments | WECM (Old System)

WORKFORCE EDUCATION COURSE MANUAL, 2011-2012

WECM Course

Diesel Engine Testing and Repair II

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
47.0605	DEMR	2412	Diesel Engine Testing and Repair II	Active	4	80	144

Course Level: Intermediate

Course Description: Continuation of Diesel Engine Testing and Repair I. Coverage of testing and repairing diesel engines including related systems and specialized tools.

End-of-Course Outcomes: Identify, inspect, evaluate, disassemble and reassemble engine parts.

Lab Recommended

CIP Code Description: 47.0605 (Diesel Mechanics Technology/Technician)

Year: 2010

Search WECM | WECM Comments | WECM (Old System)

Machining Technology

Curriculum Revision Request Form

Division:	Industrial & Transportation Technologies
Department/ Program:	Machining Technology (MCHN)
Prepared by:	Robert Gustin
Request:	**Revise the Machining Technology course inventory as follows:** **Add: MCHN 1380: Cooperative Education – Machine Tool Technology/Machinist** **Course Description:** Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. **End-of-Course 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. **Hours: 3 Sch, 1 Lec, 20 Lab, 336 Cont Hr** **Delete: MCHN 1305: Metals & Heat Treatment** This class was replaced with WLDG 1337: Introduction to Welding Metallurgy effective Fall 2011. Please delete from the Machining Technology course inventory as it will not be conducted again.
Rational:	The Machining Technology department requests the above addition to accomplish the following goal: Machining is a practice-oriented discipline. Some students may have the opportunity to practice and learn in an industry setting. Adding the cooperative as an option allows students to take advantage of such opportunities.
Effects of Revisions:	
	A. Faculty / Staff Requirements: No change
	B. Equipment / Facility Requirements: No change
	C. Location: No change
	D. Income Projections: No change
Effective Date:	Fall 2012

Curriculum Revision Request
Division: Business
Department / Program: Paralegal Studies
Prepared By: Bruce Moseley

Request

2309

    a. Add Real Property Law (LGLA ~~2409~~ to the Amarillo College course inventory Course Description: Presents fundamental concepts of real property law including the nature of real property, rights and duties of ownership, land use, voluntary and involuntary conveyances, and the recording of and searching for real estate documents emphasizing the paralegal's role in real property law. End-of-Course Outcomes: Use terminology relating to real property law; analyze sources relating to real property law; draft documents used in real property transactions; and analyze the ethical considerations of the paralegal regarding real property law.

    b. *(3 sem hrs; 3 lec)*

    c.

    d.

Rationale / Justification: A significant number of paralegals work in this area, especially with respect to Oil and Gas transactions. Real Property Law is an important foundational course that can be found in all ABA-approved Paralegal Studies' curriculums in Texas except Amarillo College's. In the panhandle, this is especially important because of the significant amount of oil and gas transactions that take place here. We offered an optional course in Real Estate Contracts, but the Real Estate Department got cut in 2010, so we no longer have that option. Rhonda Brashears, Chair of the Advisory Committee and Adjunct Professor, and I are co-chairing a focus group of Property Law paralegals and attorneys to determine the appropriate curriculum, textbook and professor. Real Property is a course that has an existing WECM (LGLA ~~2409~~), so we do not have to create a new course for THECB approval. *2309*

Effects of Revisions

A. Faculty & Staff Requirements:	Adjunct
B. Equipment/Facility Requirements:	None
C. Location:	Washington Street Campus
D. Income prejections:	None
Effective Date:	

Curriculum Revision Request
Division: Business
Department / Program: Paralegal Studies
Prepared By: Bruce Moseley
Request
a. Add: Business Law (BUSI 2301); Real Property Law (LGLA 2409)
b. Remove: Advanced Civil Litigation (LGLA 2335); Advanced Word Processing (POFI 2340); Contracts (LGLA 1351)
c. Replace Criminal Law and Procedure (LGLA 2313) with Fundamentals of Criminal Law (CRIJ 1310)
d. Make the Practicum (LGLA 226) optional with Law Office Management (LGLA 2307)
Rationale / Justification: In 2010, the Department of Research and Analysis of the State Bar of Texas surveyed 1,425 paralegals in Texas. The numbers below are percentages of respondents selecting a particular area of law. Respondents were allowed to up to three selections. • Administrative Law - 6.0% • Bankruptcy Law - 4.5% • Commercial/Contract Law - 16.0% • Corporate Law - 17.8% • Criminal Law - 8.9% • Estate Planning/Probate Law - 11.1% • Family Law - 21.3% • Insurance Law - 7.9% • Intellectual Property Law - 7.2% • Labor/Employment Law - 9.5% • Litigation - 42.6% • Medical Malpractice Law - 5.3% • Personal Injury Law - 19.9% • Products Liability Law - 6.0% • Real Estate Law - 11.1% Based on this data, and comparable data from a nationwide study done by the U.S. Department of Labor's Bureau of Labor Statistics, the curriculum needs to be updated for the first time since the program was created in 1999. We do not offer a course in Business Law or Property Law when a significant number of paralegals work in these areas. There are nine other schools in Texas that offer ABA-approved Paralegal Studies degrees, and most, if not all, of them offer courses in Business Law and Real Property Law. Justification for Additions: Property Law Real Property Law is an important foundational course that can be found in all ABA-approved Paralegal Studies' curriculums in Texas except Amarillo College's. In the panhandle, this is especially important because of the significant amount of oil and gas transactions that take place here. We offered an optional course in Real Estate Contracts, but the Real Estate Department got cut in 2010, so we no longer have that option. Rhonda Brashears, Chair of the Advisory Committee and Adjunct Professor, and I are co-chairing a focus group of Property Law paralegals and attorneys to determine the appropriate curriculum, textbook and professor. Real Property is a course that has an existing WECM (LGLA 2409), so we do not have to create a new course for THECB approval. Business Law A significant number of paralegals work in this field, and we need to better prepare them. Amarillo College already offers Business Law (BUSI 2301), which has the following learning objectives: 1. To learn the basic forms of business organizations; 2. To learn pertinent legal terminology; 3. To apply such terminology to legal topics relevant to business; 4. To understand the foundations of legal systems; 5. To understand the foundations contract law; and 6. To develop critical thinking for solving business law problems. Having taught Business Law and Contract Law for the past three years, I feel comfortable replacing the former with the latter. Over one-third of the content in Business Law is contract law, and the coverage of business organizations is glaringly missing from the curriculum. There is some overlap in the content of Business Law and Intro to Law (LGLA 1307), but this is related to fundamental principles of law that bear repeating, as they affect all areas of law and are tested heavily on the paralegal certification exams. Fundamentals of Criminal Law Career Clusters, a federal initiative adopted by Amarillo College, requires the Paralegal Studies and Criminal Justice programs to come up with a common core of three courses beyond general education requirements. We teach Criminal Law and Procedure (LGLA 2313) and they teach Fundamentals of Criminal Law (CRIJ 1310). The course descriptions for the two courses are practically identical, so this was an obvious choice for our core. I have also taught both of these courses for

the past three years and the content is the same. Because Criminal Justice is a transfer program following ACGM and Paralegal Studies is career and technical following WECM, it makes more sense for us to require their course than vice versa. Criminal Justice is adding Legal Terminology to their curriculum, and we are struggling to come up with a third. Justification for Removals: Our curriculum for the A.A.S. requires completion of 71-72 hours, which is the most allowed by law. I could not find one other Paralegal Studies A.A.S. in Texas that required that many hours. When we first took a look at our curriculum to determine where we might be able to make some room for these important additional courses, we were also trying to find overlaps in content that could possibly be removed. Removing one more class from the curriculum than we add will put us at 69 hours required for the A.A.S. instead of 72, which is still the most of all ABA-approved programs in Texas. Advanced Word Processing After reviewing the curriculums of these other schools, I determined that we offer more computer-based skills courses than any other school. In fact, while most offer one such course, we offer four. Rhonda Brashears and I met with Gay Mills, Coordinator of Office Administration, to determine if there were any overlaps in content among the three courses we require from her program. Upon close inspection of the learning outcomes for these courses, we all agreed that Advanced Word Processing could be removed because the skills needed are taught in Word Processing and Document Formatting and Skillbuilding. I also met twice with Carol Buse, Chair of the CIS Department, to determine what was taught in BCIS 1305. Originally, Rhonda and I thought we could remove this class, also, as it was apparently all theory and terminology that was not of much practical use to a paralegal. However, after meeting with Dr. Buse again where she showed me her online course and the myriad of weekly assignments that had to be turned in, I was convinced it needed to stay. Students have the option of testing out of any of these three courses if they already have the skills, but it has been our experience that most who try fail and then report back that they learned a lot from taking the course. Computer skills are absolutely necessary for a paralegal. Advanced Civil Litigation While Civil Litigation is the field that most paralegals work in by far, we can remove this course because we already have two courses dedicated to this subject, Civil Litigation (LGLA 1345) and Torts and personal Injury Law (LGLA 2303). Introduction to Law (LGLA 1307) also covers this subject extensively. As a practical matter, this course has not made once in the three years I have worked here. We have taught it twice because students needed it to graduate, once with only five students and the other time with nine. The reason the course never made is because it is set up as an option with our Practicum/Internship (LGLA 2266), and several of our students work in law offices or I have found them an internship. Once Advanced Civil Litigation is removed, we will offer the Practicum as a substitution for Law Office Management (LGLA 2307).

Effects of Revisions

A. Faculty & Staff Requirements: Adjunct to teach Real Property Law
B. Equipment/Facility Requirements: None
C. Location: Washington Street Campus
D. Income prejections: None
    Effective Date:

Current Major Course Requirements (41-42)

LGLA 1301 - Legal Research and Writing
LGLA 1307 - Introduction to Law and the Legal Professions
LGLA 1309 - Cognitive Skills for the Legal Profession
LGLA 1343 - Bankruptcy
LGLA 1345 - Civil Litigation
LGLA 1353 - Wills, Trusts and Probate Administration
LGLA 1355 - Family Law
LGLA 2303 - Torts and Personal Injury Law
LGLA 2305 - Interviewing and Investigating
LGLA 2307 - Law Office Management
~~LGLA 2313 - Criminal Law and Procedure~~
POFL 1305 - Legal Terminology

Select one of the following:
~~LGLA 1351 - Contracts~~
~~RELE 1311 - Real Estate Contracts~~

Select one of the following:
LGLA 2266 - Practicum - Paralegal/Legal Assistant
~~LGLA 2335 - Advanced Civil Litigation~~

Current Related Course Requirements (9)

POFI 2301 - Word Processing
~~POFI 2340 - Advanced Word Processing~~
POFT 2301 - Document Formatting and Skillbuilding

Proposed Major Course Requirements (41-42)

LGLA 1301 - Legal Research and Writing
LGLA 1307 - Introduction to Law and the Legal Professions
LGLA 1309 - Cognitive Skills for the Legal Profession
LGLA 1343 - Bankruptcy
LGLA 1345 - Civil Litigation
LGLA 1353 - Wills, Trusts and Probate Administration
LGLA 1355 - Family Law
LGLA 2303 - Torts and Personal Injury Law
LGLA 2305 - Interviewing and Investigating
LGLA 2309 - Real Property
CRIJ 1310 - Fundamentals of Criminal Law
BUSI 2301 - Business Law
POFL 1305 - Legal Terminology

Select one of the following:
LGLA 2307 - Law Office Management
LGLA 2266 - Practicum - Paralegal/Legal Assistant

Current Related Course Requirements (6)

POFI 2301 - Word Processing
POFT 2301 - Document Formatting and Skillbuilding

CURRICULUM REVISION REQUEST ROUTING FORM

Curriculum Revision Request

Division: Career and Technical Education

Department/Program: Professional Truck Operations

Prepared by: Robert Mathews

Request

    a. Establish consumable fees for the following courses:

- CVOP 2135: Defensive Driving Course - $147.00
- CVOP 1205: Commercial Drivers License Written Skills - $367.00
- CVOP 1301: Commercial Drivers License Driving Skills - $440.00
- CVOP 2233: Advanced Driving Skills I - $440.00
- CVOP 2337: Advanced Driving Skills II - $440.00

Rationale / Justification: Same fees are presently being charged to support the similar Continuing Education courses. The fees are based on the consumable costs associated with the use of equipment, including forklifts, tractors, trailers and buses, utilized in obtaining licenses and training students for Professional Truck Operator positions.

Effects of Revisions

A. Faculty & Staff Requirements: No Additions

B. Equipment/Facility Requirements: No Additions

C. Location: East Campus, Building R

D. Income projections: Establishing the present CE courses as academic will open up financial aid sources for the student, especially student in the poverty zone or returning veterans. We anticipate at least 3 additional students per class for 14 classes per year and increased income of $113,190 and 504 credit hours.

Effective Date: 08/01/2012

Curriculum Revision Request

Division: Health Sciences

Department/Program: Dental Assisting

Prepared by: Dana Scott

Request: Revise the Dental Assisting Program by the following:

A.   Replace DNTA 1351: Dental Office Management with DNTA 1251: Dental Office Management

B.   Replace DNTA 1453: Dental Assisting Applications with DNTA 1353: Dental Assisting Applications

C.   Replace DNTA 2230: Seminar for the Dental Assistant with DNTA 2130: Seminar for the Dental Assistant

D.   Remove POFT 1329: Keyboarding with document formatting from the related required course list for dental assisting

E.   Add BIOL 2401: Human Anatomy and Physiology I to the General Education requirements

F.   Add HITT 1305: Medical Terminology I to the General Education requirements

Rationale/Justification/Assessment Data:

All Health Science programs are now required to add BIOL 2401: Human Anatomy and Physiology I and HITT 1305: Medical Terminology I to their programs general education requirements. In order for the Dental Assisting program to remain a Level I Certificate award, hours had to be reduced to accommodate the new requirements. The reduction of one hour each in the DNTA courses listed above remains within the limits of WECM and will not affect the students learning outcomes. The removal of POFT 1329: Keyboarding and document formatting will not reduce the computer literacy of the assisting students since we have now integrated computer usage into the already existing program classes using computer dental software.

Effects of Revisions:

A.   Faculty and Staff: NONE for dental, unknown for general education

B.   Equipment/Facility Requirements: None

C.   Location: Not affected

D.   Income projection: Possible slight increase due to program hours increased from 41 to 42 semester hours

Effective Date: Fall 2012

CURRENT	PROPOSED
DNTA 1351 -Dental Office Management The study of business office procedures, including telephone management, appointment control, receipt of payment for dental services, completion of third –party reimbursement forms, supply inventory maintenance, data entry for charges and payments, record management (manage recall systems), federal and state guidelines regarding health care providers and operating basic business equipment. Hours (3 sem hrs: 2 lec, 2 lab)	DNTA 1251 – Dental Office Management The study of business office procedures, including telephone management, appointment control, receipt of payment for dental services, completion of third –party reimbursement forms, supply inventory maintenance, data entry for charges and payments, record management (manage recall systems), federal and state guidelines regarding health care providers and operating basic business equipment. Hours (2 sem hrs; 2 lec, 2 lab) End –of- Course Outcomes: Utilize software appropriate to dental offices; interpret information for dental office management; and apply management skills
DNTA 1453 – Dental Assisting Applications *Prerequisite: DNTA 1415* Dental assisting techniques with emphasis on four-handed dentistry and utilization of tray setups for general practice and specialty procedures. Hours (4 sem hrs; 3 lec, 4 lab)	DNTA 1353– Dental Assisting Applications *Prerequisite: DNTA 1315* Dental assisting techniques with emphasis on four-handed dentistry and utilization of tray setups for general practice and specialty procedures. Hours (3 sem hrs; 2 lec, 3 lab) End- of –Course Outcomes: Demonstrate mastery in assembling the appropriate armamentarium for designated dental specialty procedures; and apply American Dental Association regulated standard precautions.
DNTA 2230 Seminar for the Dental Assistant *Corequisite*: DNTA 1266 Case studies during the clinical phase of practicum. Hours (2 sem hrs; 2 lec)	DNTA 2130 Seminar for the Dental Assistant *Corequisite*: DNTA 1266 Case studies during the clinical phase of practicum. Hours (1 sem hrs; 1 lec) End –of- Course Outcomes: Analyze problem situations from case studies in the clinical phase of the program; and formulate responses to presented topics.
	BIOL 2401* - Human Anatomy and Physiology I *Prerequisite: RDNG 0331-minimum grade of C or a score on a state-approved test indicating college-level reading skills; SCIT 1301 recommended* A detailed study of the human organism according t levels of chemicals and structural organization with special reference to cytology, histology, and organs of the integumentary, skeletal, muscular, and nervous systems and fluid and electrolyte balance. Hours (4 sem hr; 3 lec, 3 lab)
	HITT 1305 – Medical Terminology I *Prerequisite: RDNG 0331- minimum grade of C or a*

	score on a state -approved test indicating college-level reading skills
	Study of word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols, surgical procedures, medical specialties and pronunciation of medical terms.
	Hours (.3 sem hrs; 3 lec)

CURRENT	PROPOSED
Dental Assisting Certificate	Dental Assisting Certificate
General Education Requirements (9 semester hours)	**General Education Requirements (16 semester hours)**
Speech*	Speech *
ENGL 1301 - Freshman Composition I	ENGL 1301 – Freshman Composition I
Or	Or
POFT 1301 - Business English	POFT 1301 – Business English
PSYC 2301 – General Psychology	PSYC 2301 – General Psychology
	BIOL 2401 – Human Anatomy and Physiology I
	HITT 1305 – Medical Terminology I
Major Course Requirements (29 Semester Hours)	**Major Course Requirements (26 Semester Hours)**
DNTA 1102 – Communication and Behavior in the Dental Office	DNTA 1102 – Communication and Behavior in the Dental Office
DNTA 1205 – Dental Radiology	DNTA 1205 – Dental Radiology
DNTA 1241 – Dental Laboratory Procedures	DNTA 1241 – Dental Laboratory Procedures
DNTA 1245 – Preventive Dentistry	DNTA 1245 – Preventive Dentistry
DNTA 1249 – Dental Radiology in the Clinic	DNTA 1249 – Dental Radiology in the Clinic
DNTA 1266 – Practicum (or Field Experience)-Dental Assistant I	DNTA 1266 – Practicum (or Field Experience)-Dental Assistant I
DNTA 1301 – Dental Materials	DNTA 1301 – Dental Materials
DNTA 1311 – Dental Science	DNTA 1311 – Dental Science
DNTA 1315 – Chairside Assisting	DNTA 1315 – Chairside Assisting
DNTA 1351 – Dental Office Management	DNTA 1251 – Dental Office Management
DNTA 1453 – Dental Assisting Applications	DNTA 1353 – Dental Assisting Applications
DNTA 2230 – Seminar for the Dental Assistant	DNTA 2130 – Seminar for the Dental Assistant
Related Required Courses (3 Semester Hours)	
POFT 1329 – Keyboarding and Document Formatting	
Total (41 Semester Hours)	**Total (42 Semester Hours)**

Curriculum Revision Request

Division: Health Sciences

Department / Program: Medical Data Specialist

Prepared By: Judy Massie

Request

    a. Detete HITT 1303 Medical Terminology ii and MDCA 1409 Anatomy and Physiology for Medical Assistants from the MDS program and general catalog.

    b. Add 2401 Human Anatomy and Physiology I and 2402 Human Anatomy and Physiology II to the MDS curriculum.

    c. Revise 7 MDS course descriptions.

    d.

Rationale / Justification: A. Request course deletions due to the recent adoption of the Health Sciences Career Cluster core course mandates. B. BIOL 2401 Human Anatomy and Physiology I and BIOL 2402 Human Anatomy and Physiology II will take the place of HITT 1303 Medical Terminology II and MDCA 1409 Anatomy and Physiology for Medical Assistants due to the adoption of Health Sciences Career Cluster core course mandates. C. Revisions necessary due to WECM changes.

Effects of Revisions

A. Faculty & Staff Requirements: Not affected.

B. Equipment/Facility Requirements: Not affected.

C. Location: Not affected.

D. Income prejections: Increase of 1 contact hour

Effective Date: 08/27/12

Current Course Descriptions	Proposed Course Descriptions
HITT 1305 - Medical Terminology I **Prerequisites / Corequisite** Prerequisite: RDNG 0331-minimum grade of C or a score on a state-approved test indicating college-level reading skills ~~Study of word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols, surgical procedures, medical specialties and diagnostic procedures. To include definitions, spelling and pronunciation of medical terms.~~ Hours (3 sem hrs; 3 lec)	**HITT 1305 – Medical Terminology I** **Prerequisites / Corequisite** Prerequisite: RDNG 0331-minimum grade of C or a score on a state-approved test indicating college-level reading skills Study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties. **End-of-Course Outcomes:** Identify, pronounce, and spell medical terms; use terms in context; utilize prefixes, suffixes, root words, and plurals to construct medical terms; analyze medical terms; translate abbreviations; and interpret symbols. Hours (3 sem hrs; 3 lec)
HITT 1341 - Coding and Classification Systems ~~**Prerequisites / Corequisite**~~ ~~Prerequisites: HITT 1305, MDCA 1302 and MDCA 1409~~ ~~Application of basic coding rules, principles, guidelines and conventions.~~ ~~Hours (3 sem hrs; 3 lec)~~	**HITT 1341 – Coding and Classification Systems** **Prerequisites / Corequisite** Prerequisites: HITT 1305, MDCA 1302 and BIOL 2401 Fundamentals of coding rules, conventions, and guidelines using clinical classification systems. **End-of-Course Outcomes:** Apply nomenclatures and classification systems and assign codes. Hours (3 sem hrs; 3 lec)
HITT 1342 - Ambulatory Coding ~~Application of basic coding rules, principles, guidelines and conventions with emphasis on ambulatory coding.~~ ~~Hours (3 sem hrs; 3 lec)~~	**HITT 1342 – Ambulatory Coding** Fundamentals of ambulatory coding rules, conventions, and guidelines. **End-of-Course Outcomes:** Apply nomenclatures and classification systems and assign codes. Hours (3 sem hrs; 3 lec)

Current Course Descriptions	Proposed Course Descriptions
HPRS 1205 - ~~Medical Law/Ethics for Health Professionals~~ ~~Introduction to the relationship between legal aspects and ethics associated with the health care field. Emphasis on the ethical and legal responsibilities of health care professionals.~~ Hours (2 sem hrs; 2 lec)	**HPRS 1205 – Essentials of Medical Law/Ethics for Health Professionals** Introduction to the relationship between legal aspects and ethics in health care, with emphasis on responsibilities of health care professionals. **End-of-Course Outcomes:** Identify current legal and ethical issues in health care; cite case studies and governmental regulations. Hours (2 sem hrs; 2 lec)
MDCA 1321 - Administrative Procedures ~~Medical office procedures including appointment scheduling, medical records creation and maintenance, phone communications, financial processes, coding, billing, collecting, third-party reimbursement, credit arrangements and computer use in the medical office.~~ ~~Hours (3 sem hrs; 3 lec)~~	**MDCA 1321 - Administrative Procedures** Medical office procedures including appointment scheduling, medical records creation and maintenance, interpersonal communications, bookkeeping tasks, coding, billing, collecting, third party reimbursement, credit arrangements, and computer use in the medical office. **End-of-Course Outcomes:** Schedule appointments; create, document, and maintain patient medical records; correlate coding, billing, and collecting; perform bookkeeping tasks; utilize computer software for basic office functions; and demonstrate interpersonal communication skills. Hours (3 sem hrs; 3 lec)
MRMT 1407 - Medical Transcription I **Prerequisites / Corequisite** Prerequisites: HITT 1305, MDCA 1302 and POFI 2301 ~~Fundamentals of medical transcription with hands-on experience in transcribing physician dictation including basic reports such as history and physicals, discharge summaries, consultations, operative reports and other medical reports. Utilizes transcribing and information processing equipment compatible with industry standards. Designed to develop speed and accuracy.~~ ~~Hours (4 sem hrs; 1 lec, 7 lab)~~	**MRMT 1407 - Medical Transcription I** **Prerequisites / Corequisite** Prerequisites: HITT 1305, MDCA 1302 and POFI 2301 Fundamentals of medical transcription with hands-on experience in transcribing physician dictation including basic reports such as history and physicals, discharge summaries, consultations, operative reports and other medical reports. Utilizes transcribing and information processing equipment compatible with industry standards. Designed to develop speed and accuracy. Hours (4 sem hrs; 1 lec, 7 lab)

Current Course Descriptions	Proposed Course Descriptions
MRMT 2433 - Medical Transcription II **Prerequisites / Corequisite** Prerequisites: MRMT 1407 and HITT 1303 Transcription of advanced medical reports with increasing speed and accuracy including history and physicals, consultations, discharge summaries, operative reports and other medical reports. Hours (4 sem hrs; 1 lec, 7 lab)	**MRMT 2433 - Medical Transcription II** **Prerequisites / Corequisite** Prerequisites: MRMT 1407 Transcription of medical reports with increasing speed and accuracy including history and physicals, consultations, discharge summaries, operative reports and other medical reports. **End-of-Course Outcomes:** Use specific formats for dictated medical documents; utilize complex medical references as resource tools; perform medical transcription from a diverse provider population; identify medical inconsistencies and discrepancies; and demonstrate increased transcription speed and accuracy. Hours (4 sem hrs; 1 lec, 7 lab)

Medical Data Specialist Certificate
Date: 2/9/12
Subject: Curriculum Revision Request

Current Curriculum – Catalog Format	Proposed Curriculum – Catalog Format
Major Requirements (24 Semester Hours)	**Major Requirements (25 Semester Hours)**
 • ~~HITT 1303 - Medical Terminology II~~ • HITT 1305 - Medical Terminology I • HPRS 1205 - Medical Law/Ethics for Health Professionals • MDCA 1302 - Human Disease/Pathophysiology • POFI 2301 - Word Processing • POFM 1327 - Medical Insurance • ~~MDCA 1409 - Anatomy and Physiology for Medical Assistants~~ • POFT 1301 - Business English	 • BIOL 2401 – Human Anatomy and Physiology I • BIOL 2402 – Human Anatomy and Physiology II HITT 1305 - Medical Terminology I • HPRS 1205 - Medical Law/Ethics for Health Professionals • MDCA 1302 - Human Disease/Pathophysiology • POFI 2301 - Word Processing • POFM 1327 - Medical Insurance • POFT 1301 - Business English
Specialty Course Requirements (11-17 Semester Hour	**Specialty Course Requirements (11-17 Semester Hour**
Student must choose one of the following specialties:	**Student must choose one of the following specialties:**
Administrative Option	**Administrative Option**
 • HITT 1341 - Coding and Classification Systems • HITT 1342 - Ambulatory Coding • MDCA 1264 - Practicum • MDCA 1321 - Administrative Procedures • MRMT 1407 - Medical Transcription I • SPNL 1201 - Health Care Spanish	 • HITT 1341 - Coding and Classification Systems • HITT 1342 - Ambulatory Coding • MDCA 1264 - Practicum • MDCA 1321 - Administrative Procedures • MRMT 1407 - Medical Transcription I • SPNL 1201 - Health Care Spanish
Coding Option	**Coding Option**
 • HITT 1266 - Practicum • HITT 1341 - Coding and Classification Systems • HITT 1342 - Ambulatory Coding • HITT 2335 - Coding and Reimbursement Methodologies	 • HITT 1266 - Practicum • HITT 1341 - Coding and Classification Systems • HITT 1342 - Ambulatory Coding • HITT 2335 - Coding and Reimbursement Methodologies
Transcription Option	**Transcription Option**
 • POFI 2340 - Advanced Word Processing • MRMT 1407 - Medical Transcription I • MRMT 2433 - Medical Transcription II	 • POFI 2340 - Advanced Word Processing • MRMT 1407 - Medical Transcription I • MRMT 2433 - Medical Transcription II
~~Total (35-41 Semester Hours)~~	**Total (36-42 Semester Hours)**

CURRICULUM REVISION REQUEST ROUTING FORM

1. Division:
    Health Sciences

2. Program:
    Mortuary Science

3. Prepared by:
    Scott Rankin, Program Director

4. Request:

    A. Revise existing Mortuary Science AAS Degree Curriculum to comply with new Health Science Career Cluster core requirements.

        1. Add BIOL 2401 – Human Anatomy and Physiology 1
        2. Delete MRTS 1311 – History of Mortuary Science
            Add MRTS 1211 – History of Mortuary Science

    B. Revise the existing Mortuary Science Certificate Curriculum to comply with new Health Science Career Cluster core requirements.

        1. Add BIOL 2401 – Human Anatomy and Physiology 1
        2. Delete MRTS 1311 – History of Mortuary Science
            Add MRTS 1211 – History of Mortuary Science
        3. Add HITT 1305 – Medical Terminology 1

5. Rationale/Justification:

    A1. BIOL 2401 is now required as part of the Health Science core under the Career Cluster model.

    A2. Reduce credit hours for the History of Mortuary Science course so that the AAS degree curriculum does not exceed 72 credits hours after adding the BIOL 2401 course.

    B1. BIOL 2401 is now required as part of the Health Science core under the Career Cluster model.

    B2. MRTS 1311 has been changed to MRTS 1211 (see A2 above).

    B3. Add HITT 1305 is now required as part of the Health Science core under the Career Cluster model.

6. Effects of Revisions:

   A. Faculty and Staff Requirements:
      No addition/reduction in faculty or staff will be required.

   B. Equipment/Facility Requirements:
      No additional equipment or facilities will be required.

   C. Location:
      N/A

   D. Income projections for the Mortuary Science Program:
      The credit-hour reduction in the History of Mortuary Science course will reduce the course contact-hours from 48 to 32 hours per semester per student enrolled. Since each contact hour is funded at the rate of $3.22 per contact-hour and since approximately 80 students will enroll in the course per year, an income loss of about $4,121.60 per year is anticipated.

7. Effective Date:
   Fall Semester, 2012

PROPOSED REVISIONS

DELETE COURSE:

~~MRTS 1311 – History of Mortuary Science~~
~~An overview of the principles ans history of funeral service. Introduction to the period of time~~
~~from the early Egyptians (c. 4000 BC) to the present and exploration of funeral service as a~~
~~career.~~
~~Hours (3 sem hrs; 3 lec)~~

ADD NEW COURSE:

MRTS 1211 – History of Mortuary Science
An overview of the principles ans history of funeral service. Introduction to the period of time
from the early Egyptians (c. 4000 BC) to the present and exploration of funeral service as a
career.
Hours (2 sem hrs; 2 lec)

End-of-Course Outcomes: Describe the historical roots of the American funeral; explain how
historical practices influence and relate to modern funeralization; identify persons significant to
the development of funeral service; and define funeral terminology.

Mortuary Science Certificate

Major Course Requirements (23 Semester Hours)
~~MRTS 1311 - History of Mortuary Science~~
MRTS 1301 - Contemporary Funeral Service Practices
MRTS 1310 - Funeral Service Clinical Orientation
MRTS 1342 - Mortuary Management I
MRTS 1360 - Funeral Service Clinical I
MRTS 2335 - Mortuary Jurisprudence
MRTS 2342 - Mortuary Management II
MRTS 1291 - Special Topics in Funeral Service & Mortuary Science
Related Required Courses (12 Semester Hours)
Speech
ENGL 1301 - Freshman Composition I
PSYC 2301 - General Psychology
SOCI 1371 - Sociology of Death and Dying
Total (35 Semester Hours)

Mortuary Science Certificate

Major Course Requirements (22 Semester Hours)
MRTS 1211 - History of Mortuary Science
MRTS 1301 - Contemporary Funeral Service Practices
MRTS 1310 - Funeral Service Clinical Orientation
MRTS 1342 - Mortuary Management I
MRTS 1360 - Funeral Service Clinical I
MRTS 2335 - Mortuary Jurisprudence
MRTS 2342 - Mortuary Management II
MRTS 1291 - Special Topics in Funeral Service & Mortuary Science
Related Required Courses (19 Semester Hours)
Speech
BIOL 2401 - Human Anatomy & Physiology I
ENGL 1301 - Freshman Composition I
HITT 1305 - Medical Terminology I
PSYC 2301 - General Psychology
SOCI 1371 - Sociology of Death and Dying
Total (41 Semester Hours)

Mortuary Science – Associate of Applied Science

General Education Requirements (15 Semester Hours)
Communications - 6 Hours
Speech
ENGL 1301 - Freshman Composition I
Humanities/Fine Arts - 3 Hours
Humanities or Fine Arts
Mathematics/Natural Sciences - 3 Hours
MATH 1332 - Contemporary Mathematics I
(or any college level Mathematics course)
Social/Behavioral Sciences - 3 Hours
PSYC 2301 - General Psychology
Major Course Requirements (42 Semester Hours)
~~MRTS 1311 - History of Mortuary Science~~
MRTS 1301 - Contemporary Funeral Service Practices
MRTS 1310 - Funeral Service Clinical Orientation
MRTS 1325 - Thanatochemistry
MRTS 1342 - Mortuary Management I
MRTS 1360 - Funeral Service Clinical I
MRTS 1391 - Special Topics in Funeral Service and Mortuary Science
MRTS 2335 - Mortuary Jurisprudence
MRTS 2342 - Mortuary Management II
MRTS 2360 - Funeral Service Clinical II
MRTS 2432 - Human Anatomy
MRTS 2445 - Technical Procedures I
MRTS 2447 - Technical Procedures II
Related Required Courses (12 Semester Hours)
HITT 1305 - Medical Terminology I
HPRS 2301 - Pathophysiology

Mortuary Science – Associate of Applied Science

General Education Requirements (15 Semester Hours)
Communications - 6 Hours
Speech
ENGL 1301 - Freshman Composition I
Humanities/Fine Arts - 3 Hours
Humanities or Fine Arts
Mathematics/Natural Sciences - 3 Hours
MATH 1332 - Contemporary Mathematics I
(or any college level Mathematics course)
Social/Behavioral Sciences - 3 Hours
PSYC 2301 - General Psychology
Major Course Requirements (41 Semester Hours)
MRTS 1211 - History of Mortuary Science
MRTS 1301 - Contemporary Funeral Service Practices
MRTS 1310 - Funeral Service Clinical Orientation
MRTS 1325 - Thanatochemistry
MRTS 1342 - Mortuary Management I
MRTS 1360 - Funeral Service Clinical I
MRTS 1391 - Special Topics in Funeral Service and Mortuary Science
MRTS 2335 - Mortuary Jurisprudence
MRTS 2342 - Mortuary Management II
MRTS 2360 - Funeral Service Clinical II
MRTS 2432 - Human Anatomy
MRTS 2445 - Technical Procedures I
MRTS 2447 - Technical Procedures II
Related Required Courses (16 Semester Hours)
BIOL 2401 - Human Anatomy and Physiology I
HITT 1305 - Medical Terminology I

SCIT 1313 - Workplace Microbiology	HPRS 2301 - Pathophysiology
SOCI 1371 - Sociology of Death and Dying	SCIT 1313 - Workplace Microbiology
Total (69 Semester Hours)	SOCI 1371 - Sociology of Death and Dying
	Total (72 Semester Hours)

Curriculum Revision Request

Division: Health Sciences

Department / Program: Pharmacy Technology

Prepared By: Shawna Lopez

Request

    a. Replace HITT 1303: Medical Terminology II with BIOL 2401: Anatomy and Physiology I

    b.

    c.

    d.

Rationale / Justification: The replacement of Medical Terminology II with Anatomy and Physiology I will align the program requirements withe the Health Science core cluster.

Effects of Revisions

A. Faculty & Staff Requirements:	None
B. Equipment/Facility Requirements:	None
C. Location:	None
D. Income prejections:	None

Effective Date: 06/01/2012

Current	Proposed
Pharmacy Technology Certificate	**Pharmacy Technology Certificate**
Program Advisor: Shawna Lopez, 356-3655	Program Advisor: Shawna Lopez, 356-3655
(smlopez@actx.edu) or contact Cherie Clifton, 354-6007	(smlopez@actx.edu) or contact Cherie Clifton, 354-6007
(caclifton@actx.edu)	(caclifton@actx.edu)
Contact the Testing Center or the Program Advisor for testing requirements. Testing requirements are based on the unique needs of the certificate program.	*Contact the Testing Center or the Program Advisor for testing requirements. Testing requirements are based on the unique needs of the certificate program.*
Certificate of Completion	Certificate of Completion
Major Code - PHRA.CERT	**Major Code - PHRA.CERT**
Upon completion, students will be qualified to become a vital member of the Pharmacy Team.	Upon completion, students will be qualified to become a vital member of the Pharmacy Team.
Program Requirements	**Program Requirements**
Major Course Requirements (19 Semester Hours)	**Major Course Requirements (19 Semester Hours)**
PHRA 1102 - Pharmacy Law	PHRA 1102 - Pharmacy Law
PHRA 1143 - Pharmacy Technician Certification Review	PHRA 1143 - Pharmacy Technician Certification Review
PHRA 1166 - Practicum (or Field Experience) Pharmacy Technician/Assistant	PHRA 1166 - Practicum (or Field Experience) Pharmacy Technician/Assistant
PHRA 1301 - Introduction to Pharmacy	PHRA 1301 - Introduction to Pharmacy
PHRA 1306 - Computerized Drug Delivery Systems I	PHRA 1306 - Computerized Drug Delivery Systems I
PHA 1309 - Pharmaceutical Mathematics I	PHA 1309 - Pharmaceutical Mathematics I
PHRA 1345 - Intravenous Admixture and Sterile Compounding	PHRA 1345 - Intravenous Admixture and Sterile Compounding
PHRA 1404 - Pharmacotherapy and Disease Process	PHRA 1404 - Pharmacotherapy and Disease Process
Related Required Courses (9 Semester Hours):	**Related Required Courses (10 Semester Hours):**
Speech	Speech
~~HITT 1303 - Medical Terminology II~~	~~BIOL 2401 - Anatomy and Physiology I~~
HITT 1305 - Medical Terminology I	HITT 1305 - Medical Terminology I
Total (~~28 Semester Hours~~)	Total (29 Semester Hours)

Curriculum Revision Request

Division: Health Sciences

Department / Program: Sonography

Prepared By: Cindy Manchester

Request

    a. Delete DMSO 2254 from the Sonography Program.

    b. Delete RADR 1317 and RADR 1318 from the Sonography Program.

    c. Add BIOL 2401 and BIOL 2402 to the Sonography Program.

    d.

Rationale / Justification: DMSO 2254 will no longer be a stand-alone course offering. The information currently taught in this course will be moved to DMSO 1391. RADR 1317 and RADR 1318 are courses that are being removed from the college inventory as a result of changes needed to meet the Health Science Career Cluster Core requirements. BIOL 2401 and BIOL 2402 are replacing RADR 1317 and RADR 1318.

Effects of Revisions

A. Faculty & Staff Requirements:	No changes.
B. Equipment/Facility Requirements:	No changes.
C. Location:	No changes.
D. Income prejections:	The deletion of DMSO 2254 will reduce contact-hour income by approximately $1,700.00.

Effective Date: 08/27/2012

CURRENT	PROPOSED

CURRENT

Sonography (A.A.S.)

Program Advisor: Cindy Manchester, 356-3613,
(ckmanchester21@actx.edu) or contact Cherie Clifton,
354-6007 (caclifton@actx.edu)

Associate in Applied Science
Major Code - SONO.AAS
This program provides the basic skills required of a
beginning staff medical sonographer. Upon satisfactory
completion of the curriculum, the graduate will be eligible to
write the national certification examinations administered by
the American Registry for Diagnostic Medical Sonography
(ARDMS).

To continue in the program, a student may repeat a DMSO
course only one time and may repeat no more than two
DMSO courses while enrolled in the program. The term
"repeat" shall be interpreted to mean re-enrollment following
withdrawal, drop or unsatisfactory grade. A student will have
36 months to complete all major course requirements.
A grade of C or higher is required for satisfactory completion
of each course in the curriculum.

A student seeking entry into Sonography must file a specific
program application form and complete all additional
admission procedures as required. Information is available
on the Sonography website: **www.actx.edu/sonography**

General Education Requirements (15 Semester Hours)
Communication - 6 Hours
   Speech*
   ENGL 1301 - Freshman Composition I
Humanities/Fine Arts* - 3 hours
Mathematics/Natural Sciences - 3 Hours
   MATH 1332 - Contemporary Mathematics I
   (or any college level Mathematics course)
Social/Behavioral Sciences* - 3 Hours

Major Course Requirements (38 Semester Hours)
   DMSO 1166 - Practicum I
   DMSO 1167 - Practicum II
   DMSO 1210 - Introduction to Sonography
   DMSO 1266 - Practicum III
   DMSO 1302 - Basic Ultrasound Physics
   DMSO 1342 - Intermediate Ultrasound Physics
   DMSO 1391 - Pediatric Sonography
   DMSO 1405 - Sonography of the Abdominopelvic Cavity
   DMSO 2166 - Practicum V
   DMSO 2254 - Neurosonology
   DMSO 2257 - Advanced Ultrasound Professionalism and
    Registry Review
   DMSO 2266 - Practicum IV
   DMSO 2267 - Practicum VI
   DMSO 2351 - Doppler Physics
   DMSO 2353 - Sonography of Superficial Structures
   DMSO 2405 - Sonography of Obstetrics/Gynecology

Related Required Courses (12 Semester Hours)
   HITT 1305 - Medical Terminology I
   PHYS 1305 - Introductory Physics I
   RADR 1317 - Radiographic Anatomy and Physiology I
   RADR 1318 - Radiographic Anatomy and Physiology II

Total (65 Semester Hours)

PROPOSED

General Education Requirements (15 Semester Hours)
Communication - 6 Hours
   Speech*
   ENGL 1301 - Freshman Composition I
Humanities/Fine Arts* - 3 Hours
Mathematics/Natural Sciences - 3 Hours
   MATH 1332 - Contemporary Mathematics I
   (or any college level Mathematics course)
Social/Behavioral Sciences* - 3 Hours

Major Course Requirements (36 Semester Hours)
   DMSO 1166 - Practicum I
   DMSO 1167 - Practicum II
   DMSO 1210 - Introduction to Sonography
   DMSO 1266 - Practicum III
   DMSO 1302 - Basic Ultrasound Physics
   DMSO 1342 - Intermediate Ultrasound Physics
   DMSO 1391 - Pediatric Sonography
   DMSO 1405 - Sonography of the Abdominopelvic Cavity
   DMSO 2166 - Practicum V
   DMSO 2257 - Advanced Ultrasound Professionalism and
    Registry Review
   DMSO 2266 - Practicum IV
   DMSO 2267 - Practicum VI
   DMSO 2351 - Doppler Physics
   DMSO 2353 - Sonography of Superficial Structures
   DMSO 2405 - Sonography of Obstetrics/Gynecology

Related Required Courses (14 Semester Hours)
   HITT 1305 - Medical Terminology I
   PHYS 1305 - Introductory Physics I
   BIOL 2401 - Human Anatomy and Physiology I
   BIOL 2402 - Human Anatomy and Physiology II

Total (65 Semester Hours)

Associate Degree Nursing Program

RNSG Title and Course Description Changes Related to WECM Updates Released 01-02-12

Current	Proposed
RNSG 1227: Transition from Vocational to Professional Nursing Topics include health promotion, expanded assessment, analysis of data, nursing process, pharmacology, multidisciplinary teamwork, communication, and applicable competencies in knowledge, judgment, skills and professional values within a legal/ethical framework throughout the lifespan. This course lends itself to either a blocked or integrated approach. (2 sem hrs; 2 lec, 1 lab)	RNSG 1227: Transition ~~from Vocational~~ to Professional Nursing ~~Topics~~ Content includes health promotion, expanded assessment, analysis of data, ~~nursing process~~ critical thinking skills and systematic problem solving process, pharmacology, ~~multidisciplinary~~ interdisciplinary teamwork, communication, and applicable competencies in knowledge, judgment, skills and professional values within a legal/ethical framework throughout the lifespan. This course lends itself to either a blocked or integrated approach. (2 sem hrs; 2 lec, 1 lab)
RNSG 1261: Clinical-Transition from Vocational to Professional Nursing A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts to clients on medical-surgical units. Direct supervision is provided by the clinical professional. (2 sem hrs; 6 clinical)	RNSG 1261: Clinical-Transition ~~from Vocational~~ to Professional Nursing A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts to clients on medical-surgical units. Direct supervision is provided by the clinical professional. (2 sem hrs; 6 clinical)
RNSG 1151: Care of the Childbearing Family Study of concepts related to the provision of nursing care for childbearing families. Topics may include selected complications. Topics include knowledge, judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach. (1 sem hr; 1 lec, 1 lab)	RNSG 1151: Care of the Childbearing Family Study of concepts related to the provision of perinatal nursing ~~care~~ for childbearing families. Topics may include selected complications. ~~Topics~~ Content includes knowledge, judgment, skills, and professional values within a legal/ethical framework. This course lends itself to a blocked approach. (1 sem hr; 1 lec, 1 lab)
RNSG 1209: Introduction to Nursing Overview of nursing and the role of the professional nurse as provider of care, coordinator of care and member of a profession. Topics include knowledge, judgment, skills and professional values with a legal/ethical framework. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)	RNSG 1209: Introduction to Nursing Overview of nursing and the role of the professional nurse as provider ~~of~~ in patient-centered care, patient safety advocate, member of health care team, ~~coordinator of care~~ and member of ~~a~~ the profession. ~~Topics~~ Content includes knowledge, judgment, skills and professional values with a legal/ethical framework. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)
RNSG 1105: Nursing Skills I Study of the concepts and principles essential for demonstrating competence in the performance of nursing procedures. Topics include knowledge, judgment, skills and professional values within a legal/ethical framework. This foundation course is	RNSG 1105: Nursing Skills I Study of the concepts and principles ~~essential for~~ necessary to perform basic nursing skills for the adult patient; and ~~demonstrating~~ demonstrate competence in the performance of nursing procedures. ~~Topics~~ Content includes knowledge,

based on the belief that the practice of nursing is guided by ideas and values which reflect a concern for quality of life and a respect for human value. This course lends itself to a blocked approach. (1 sem hr; 1 lec. 1 lab)	judgment, skills, and professional values within a legal/ethical framework. ~~This foundation course is based on the belief that the practice of nursing is guided by ideas and values which reflect a concern for quality of life and a respect for human value.~~ This course lends itself to a blocked approach. (1 sem hr; 1 lec. 1 lab)
RNSG 1301: Pharmacology Introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of each drug classification. Topics include the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. Critical thinking is used to identify and respond to clinical situations requiring drug interventions. This course lends itself to either a blocked or integrated approach. (3 sem hrs; 3 lec, 1 lab)	RNSG 1301: Pharmacology Introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of each drug classification. ~~Topics~~ Content includes the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. Critical thinking is used to identify and respond to clinical situations requiring drug interventions. This course lends itself to either a blocked or integrated approach. (3 sem hrs; 3 lec, 1 lab)
RNSG 1331: Principles of Clinical Decision Making Examination of selected principles related to the continued development of the professional nurse as a provider of care, coordinator of care, and member of a profession. Emphasis on clinical decision making for clients in medical-surgical settings experiencing health problems involving fluid and electrolytes, perioperative care, pain, respiratory disorders, peripheral vascular disorders, chronic renal failure, immunologic disorders, infectious disorders, gerontology, and hematological disorders. Discussion of knowledge, judgment, skills, and professional values within a legal/ethical framework. Includes implementation of the nursing process to assist adult clients in the promotion, maintenance or restoration of health. This course lends itself to either a blocked or integrated approach. (3 sem hrs; 3 lec, 1 lab)	RNSG 1331: Principles of Clinical Decision Making Examination of selected principles related to the continued development of the professional nurse as a provider of patient-centered care, patient safety advocate, ~~coordinator of care~~ member of health care team, and member of ~~a~~ the profession. Emphasis on clinical decision making for clients in medical-surgical settings experiencing health problems involving fluid and electrolytes, perioperative care, pain, respiratory disorders, peripheral vascular disorders, chronic renal failure, immunologic disorders, infectious disorders, gerontology, and hematological disorders. Discussion of knowledge, judgment, skills, and professional values within a legal/ethical framework. ~~Includes implementation of the nursing process to assist adult clients in the promotion, maintenance or restoration of health.~~ This course lends itself to either a blocked or integrated approach. (3 sem hrs; 3 lec, 1 lab)
RNSG 1247: Concepts of Clinical Decision-Making I Integration of previous knowledge and skills into the continued development of the professional nurse as provider of care, coordinator of care, and member of a profession. Emphasis on clinical decision-making for clients in medical-surgical settings experiencing health problems involving endocrine and metabolic disorders related to diabetes mellitus, reproductive and sexual disorders, eye-ear-nose-throat disorders,	RNSG 1247: Concepts of Clinical Decision-Making I Integration of previous knowledge and skills into the continued development of the professional nurse as provider of patient-centered care, patient safety advocate, ~~coordinator of care~~ member of health care team, and member of ~~a~~ the profession. Emphasis on clinical decision-making for clients in medical-surgical settings experiencing health problems involving endocrine and metabolic disorders related to diabetes mellitus,

oncological disorders, integumentary disorders and advanced perioperative concepts. Discussion of knowledge, judgment, skills, and professional values within a legal/ethical framework. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)	reproductive and sexual disorders, eye-ear-nose-throat disorders, oncological disorders, integumentary disorders and advanced perioperative concepts. Discussion of knowledge, judgment, skills, and professional values within a legal/ethical framework. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)
RNSG 1251: Care of the Childbearing Family Study of concepts related to the provision of nursing care for childbearing families. Topics may include selected complications. Topics include knowledge, judgment, skills and professional values within a legal/ethical framework. Focus is on delivery of safe nursing care, critical thinking and integration of communication skills. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)	RNSG 1251: Care of the Childbearing Family Study of concepts related to the provision of perinatal nursing care for childbearing families. Topics may include selected complications. ~~Topics~~ Content includes knowledge, judgment, skills and professional values within a legal/ethical framework. ~~Focus is on delivery of safe nursing care, critical thinking and integration of communication skills.~~ This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)
RNSG 1248: Concepts of Clinical Decision Making II Integration of previous knowledge and skills into the continued development of the professional nurse as provider of care, coordinator of care, and member of a profession. Emphasis on clinical decision-making for clients in medical-surgical settings experiencing health problems involving rheumatic disorders, gastrointestinal disorders, liver and biliary disorders, musculoskeletal disorders, and endocrine and metabolic disorders related to the pituitary, thyroid and adrenal glands. End of life care is integral to the course. Discussion of knowledge, judgment, skills, and professional values within a legal/ethical framework. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)	RNSG 1248: Concepts of Clinical Decision Making II Integration of previous knowledge and skills into the continued development of the professional nurse as provider of patient-centered care, patient safety advocate, ~~coordinator of care~~ member of the health care team, and member of ~~a~~ the profession. Emphasis on clinical decision-making for clients in medical-surgical settings experiencing health problems involving rheumatic disorders, gastrointestinal disorders, liver and biliary disorders, musculoskeletal disorders, and endocrine and metabolic disorders related to the pituitary, thyroid and adrenal glands. End of life care is integral to the course. Discussion of knowledge, judgment, skills, and professional values within a legal/ethical framework. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)
RNSG 2213: Mental Health Nursing Principles and concepts of mental health, psychopathology, and treatment modalities related to the nursing care of clients and their families. Mental health promotion, maintenance and restoration are emphasized. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)	RNSG 2213: Mental Health Nursing Principles and concepts of mental health, psychopathology, and treatment modalities related to the nursing care of ~~clients~~ patients and their families. Mental health promotion, maintenance and restoration are emphasized. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)
RNSG 2231: Advanced Concepts of Adult Health Application of advanced concepts and skills for the development of the professional nurse's roles in complex nursing situations with adult client/families with complex health needs involving multiple body systems in intermediate and critical care settings. Emphasis on knowledge,	RNSG 2231: Advanced Concepts of Adult Health Application of advanced concepts and skills for the development of the professional nurse's roles ~~in complex nursing situations~~ with adult patients and ~~client/~~families with complex health needs involving multiple body systems ~~in intermediate and critical care settings~~. Emphasis on advanced

judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)	knowledge, judgment, skills and professional values within a legal/ethical framework. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)
RNSG 2221: Management of Client Care Exploration of leadership and management principles applicable to the role of the nurse as provider of care, coordinator of care, and member of a profession. Includes application of knowledge, judgment, skills, and professional values within a legal/ethical framework. Emphasizes multidisciplinary communication and resource management within health care systems. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)	RNSG 2221: ~~Management of Client Care~~ Professional Nursing: Leadership and Management Exploration of leadership and management principles applicable to the roles of the professional nurse. ~~as provider of care, coordinator of care, and member of a profession.~~ Includes application of knowledge, judgment, skills, and professional values within a legal/ethical framework. Emphasizes ~~multi~~ interdisciplinary communication and resource management within health care systems. This course lends itself to a blocked approach. (2 sem hrs; 2 lec, 1 lab)
RNSG 2263: Clinical-Management of Client Care 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; 6 clinical)	RNSG 2263: Clinical-~~Management of Client Care~~ Professional Nursing: Leadership and Management 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; 6 clinical)
RNSG 1110: Introduction to Community-Based Nursing Overview of the delivery of nursing care in a variety of community-based settings; application of systematic problem-solving process and critical thinking skills, focusing on the examination of concepts and theories relevant to community-based nursing; and development of judgment, skill and professional values within a legal/ethical framework. This course lends itself to either a blocked or integrated approach. (1 sem hr; 1 lec, 1 lab)	RNSG 1110: Introduction to Community-Based Nursing Overview of the delivery of nursing care in a variety of community-based settings; application of systematic problem-solving processes and critical thinking skills, focusing on the examination of concepts and theories relevant to community-based nursing; and development of judgment, skill and professional values within a legal/ethical framework. ~~This course lends itself to either a blocked or integrated approach.~~ (1 sem hr; 1 lec, 1 lab)