

CURRICULUM COMMITTEE
January 20, 2012
Minutes

Present: Carol Buse, Craig Clifton, Tamara Clunis, Matt Craig, Bill Crawford, Kim Davis, Shawn Fouts, Matthew Goodman, Judy Massie, Jerry Moller, Carol Moore, John Robertson, Mark Usnick, Kathy Wetzel,

Absent: Bob Austin, Diane Brice, Jason Norman, Henry Wyckoff

Others

Present: Toni Gray

ARTS & SCIENCES

Engineering

Kathy Wetzel submitted a request to change the prerequisite for the following course:

COSC 1436: Programming Fundamentals I

Prerequisite: ~~MATH 1348~~ or ~~MATH 2412~~ to MATH 1314 or COSC 1415.

Robertson moved, seconded by Craig to change the prerequisite for COSC 1436. The motion carried.

Homeland Security

A request was also submitted to pursue the development of an AAS degree in Homeland Security.

Robertson moved, seconded by Crawford and supported by the committee to deny the proposal for Amarillo College to submit an AAS in Homeland Security to the Texas Higher Education Coordinating Board for approval; the proposed curriculum for the AAS degree was denied as well.

Toni Gray submitted a request to add the following courses to the AC course inventory:

- **HMSY 1337: Introduction to Homeland Security**

Overview of homeland security. Evaluation of the progression of homeland security issues throughout Texas and the United States. An examination of the roles undertaken and methods used by governmental agencies and individuals to respond to those issues.

Hours (3 sem; 3 lec)

Learning Outcomes:

List the key events and people that have affected homeland security; outline the specific roles that individuals and governmental agencies play in homeland security; and prepare a summary of programs and methods used to meet the homeland security needs of Texas and the United States.

- **HMSY 1340: Homeland Security Intelligence Operations**

A study of the intelligence community. Includes the role of intelligence and law enforcement. Topics include collection methods, management of operations, classification, production and analysis, and assessment of threat vulnerability. Source development will be conducted.

Hours (3 sem; 3 lec)

Learning Outcomes:

Identify different types of intelligence information; collect and examine intelligence information; conduct a target value assessment; conduct a threat vulnerability assessment; and present an oral and written report on the results of the assessment.

- **HMSY 1341: Critical Infrastructure Protection**

Identification and analysis of critical infrastructure systems including security and threat assessments. Includes mitigation of threats as well as evaluation and revision of security measures in order to protect critical infrastructures.

Hours (3 sem; 3 lec)

Learning Outcomes:

Identify local area critical infrastructures; evaluate security measures; report methods to revise security of protection assets; demonstrate mitigation of a critical infrastructure threat; conduct information collection using the Internet and library resources; and present written and oral reports on findings.

- **HMSY 1342: Understanding and Combating Terrorism**

Study of terrorism and reasons why America is a terrorist target. Includes methods of combating domestic and international terrorism terrorist operations, cyber-terrorism, narco-terrorism, the mind of the terrorist and organized crime's impact on terrorism.

Hours (3 sem; 3 lec)

Learning Outcomes:

Identify terrorist groups and organizations; examine terrorism's political, economic, and environmental impact on public administration and the private sector; identify the legal changes required to combat terrorism; and present the results of terrorism research.

- **HMSY 1343: Weapons of Mass Destruction**

This course covers hazard and risk assessment, crime scene preservation, chemical agents, biological agents, radiological agents, explosive devices, detection-sampling and plume models, and personal protection methods. The critical role of first responders in weapons of mass destruction, mitigation and survival will also be presented. Discussion will include historical events related to the use of weapons of mass destruction.

Hours (3 sem; 3 lec)

Learning Outcomes:

Identify weapons of mass destruction and means of dissemination; and compare the different biological, chemical, and radiological materials used in weapons of mass destruction.

- **HMSY 2337: Managing a Unified Incident Command**

A study of the common set of procedures of the unified incident command system for organizing personnel, facilities, equipment and communications to successfully coordinate multi-agency response. Includes the identification and application of key roles and functional responsibilities for professionally managing multi-agency incidents. Also covers one or more practical application exercises and/or scenarios.

Hours (3 sem; 3 lec)

Learning Outcomes:

Conduct incident command practical competencies; identify the functional responsibilities of unified incident command; and demonstrate coordination of emergency operation centers and incident command operations.

- **HMSY 1391: Special Topics for Homeland Security**

Topics address recently identified current events, skills, knowledge and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

Hours (3 sem; 3 lec)

Learning Outcomes:

Learning outcomes/objectives are determined by local occupational need and business and industry trends.

- **LGLA 1304: Military and National Security Legal Issues**

Emphasizes the role of the paralegal and presents fundamentals of the United States military legal system including an introduction to the Uniform Code of Military Justice, military regulations and court decisions involved in military law emphasizing emerging issues of national security laws.

Hours (3 sem; 3 lec)

Learning Outcomes:

Use terminology relating to military and national security law; analyze sources relating to military and national security law; apply the rules of military and national security law; and analyze the ethical considerations of the paralegal relating to military and national security law.

Buse moved, seconded by Massie to add the courses to the course inventory. The motion carried.

CAREER & TECHNICAL EDUCATION

Paralegal

Bruce Moseley submitted a request to update the instruction method on the following courses:

- LGLA 1353: Wills, Trusts and Probate Administration
(3 sem hrs; 3 lec, ~~4 lab~~)
- LGLA 1301: Legal Research and Writing
(3 sem hrs; ~~2 lec, 3 lab~~ 3 lec)
- LGLA 2307: Law Office Management
(3 sem hrs; ~~2 lec, 4 lab~~ 3 lec)
- LGLA 2335: Advanced Civil Litigation
(3 sem hrs; ~~2 lec, 4 lab~~ 3 lec)

Massie moved, seconded by Wetzel to update the instruction method for LGLA 1353, LGLA 1301, LGLA 2307 and LGLA 2335. The motion carried.

HEALTH SCIENCES

Dental Hygiene

Donna Cleere submitted a request to add the following courses to the course inventory:

- DHYG 2153: Dental Hygiene Practice
Emphasis on the laws governing the practice of dentistry and dental hygiene, moral standards and the ethical standards established by the dental hygiene profession. Practice settings for the dental hygienist, office operations and preparation for employment.
(1 sem hr; 1 lec)
Course Outcomes:
Explain the Dental Practice Act governing the dental and dental hygiene profession; evaluate ethical and moral issues affecting dental hygiene practice; describe traditional and non-traditional dental hygiene practice settings; and prepare for employment.
- DHYG 2361: Clinical Dental Hygienist IV
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.
(3 sem hrs; 18 clinic)
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.

Delete the following courses from the course inventory:

- DHYG 1123: Dental Hygiene Practice
- DHYG 2261: Clinical Dental Hygienist IV

A request was also submitted to update the DHYG.AAS curriculum as follows:

- Delete BIOL 2402: Human Anatomy & Physiology II from the General Education Requirements
- Add HITT 1305: Medical Terminology I as a Related Required Course
- Replace DHYG 1123: Dental Hygiene Practice with DHYG 2153: Dental Hygiene Practice
- Replace DHYG 2261: Clinical Dental Hygienist IV with DHYG 2361: Clinical Dental Hygienist IV

Usnick moved, seconded by Davis to approve the addition of DHYG 2153 and DHYG 2361 and updates to the DHYG.AAS degree. The motion carried.

Radiation Therapy

Tony Tackitt submitted a request to add the following course to the course inventory:

RADT 1191: ST – Ethics and Law in Radiation Therapy

Topics address recently identified current events, skills, knowledges and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

(1 sem hr; 1 lec)

Course Outcomes:

1. Distinguish between philosophical theories that undergird principles of ethical decision making.
2. Identify principles that guide ethical decision making for practice situations.
3. Define practice situations that carry high potential for dilemmas which require ethical scrutiny.
4. Discuss basic ethical duties of health care providers.
5. Demonstrate an awareness of and sensitivity to various cultural and ethnic differences among various client groups.
6. Discuss the concept of patient advocacy in support of patients' rights.
7. Explain the principle of autonomy.
8. Discuss the radiation therapy scope of practice, code of ethics and practice standards.
9. Differentiate between nonmaleficence and beneficence.
10. Discuss the elements of an informed consent.
11. Discuss standards of disclosure.
12. Analyze issues related to the use and flow of patient information to determine confidentiality.
13. Identify current ethical issues in health care.
14. Demonstrate application of the doctrine of informed consent and other issues related to patient rights.

15. Explain ethical issues related to the profession.
16. Examine ethical issues arising in a radiation therapy department daily.
17. Apply concepts related to social, political, economic and historical issues to analyze the different sources of law.

A request was also submitted to make the following changes to the RADT.AAS curriculum:

- Replace RADR 1317: Radiographic Anatomy & Physiology I and RADR 1318: Radiographic Anatomy & Physiology II with BIOL 2401: Human Anatomy & Physiology I and BIOL 2402: Human Anatomy & Physiology II
- Replace RADT 1291: Ethics and Law in Radiation Therapy with RADT 1191: ST – Ethics and Law in Radiation Therapy
- Replace RADR 2340: Sectional Anatomy for Medical Imaging with RADR 2240: Sectional Anatomy for Medical Imaging

Wetzel moved, seconded by Craig to approve changes to the RADT.AAS program. The motion carried.

Curriculum Revision Request

Division: Math, Science and Engineering

Department / Program: Engineering Computer Science

Prepared By: Mark Usnick

Request

- a. Change prerequisites for COSC 1436 to MATH 1314 or COSC 1415
- b.
- c.
- d.

Rationale / Justification: This course is taken by two groups of students in two different divisions. The students take two very different paths (with no classes in common) to prepare for this course. The course should have two different sets of prerequisites: COSC 1415 (Programming Techniques and Logic Design 1) for Business CIS students OR MATH 1314 for Engineering Computer Science students.

Effects of Revisions

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

Effective Date: 09/01/2012

Curriculum Revision Request

Division: Arts and Sciences

Department/Program: Criminal Justice

Prepared by: Toni Gray

Request

a. Permission to pursue a Homeland Security AAS.

b. Add the following to the Amarillo College course inventory:

HMSY 1337: Introduction to Homeland Security

HMSY 1340: Homeland Security Intelligence Operations

HMSY1341: Critical Infrastructure Protection

HMSY 1342: Understanding and Combating Terrorism

HMSY 1343: Weapons of Mass Destruction

HMSY 2337: Managing a Unified Incident Command

HMSY 1391: Special Topics in Homeland Security

LGLA 1304: Military and National Security Intelligence Operations

c. Approval of the Homeland Security AAS curriculum pending approval of the Texas Higher Education Coordinating Board.

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

Rationale / Justification: 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.

Effects of Revisions

- | | |
|---|---|
| A. Faculty & Staff Requirements: | Initially courses can be taught with existing faculty, possible part time faculty member and extensive and thorough advising from existing staff. |
| B. Equipment/Facility Requirements: | To be determined. |
| C. Location: | East Campus, Building V and West Campus, Building C. |
| D. Income projections: | To be determined. |

Effective Date: 08/01/2012

COURSE DESCRIPTIONS

HMSY 1337: Introduction to Homeland Security

Overview of homeland security. Evaluation of the progression of homeland security issues throughout Texas and the United States. An examination of the roles undertaken and methods used by governmental agencies and individuals to respond to those issues.

Hours (3 sem; 3 lec)

Learning Outcomes:

List the key events and people that have affected homeland security; outline the specific roles that individuals and governmental agencies play in homeland security; and prepare a summary of programs and methods used to meet the homeland security needs of Texas and the United States.

HMSY 1340: Homeland Security Intelligence Operations

A study of the intelligence community. Includes the role of intelligence and law enforcement. Topics include collection methods, management of operations, classification, production and analysis, and assessment of threat vulnerability. Source development will be conducted.

Hours (3 sem; 3 lec)

Learning Outcomes:

Identify different types of intelligence information; collect and examine intelligence information; conduct a target value assessment; conduct a threat vulnerability assessment; and present an oral and written report on the results of the assessment.

HMSY 1341: Critical Infrastructure Protection

Identification and analysis of critical infrastructure systems including security and threat assessments. Includes mitigation of threats as well as evaluation and revision of security measures in order to protect critical infrastructures.

Hours (3 sem; 3 lec)

Learning Outcomes:

Identify local area critical infrastructures; evaluate security measures; report methods to revise security of protection assets; demonstrate mitigation of a critical infrastructure threat; conduct information collection using the Internet and library resources; and present written and oral reports on findings.

HMSY 1342: Understanding and Combating Terrorism

Study of terrorism and reasons why America is a terrorist target. Includes methods of combating domestic and international terrorism terrorist operations, cyber-terrorism, narco-terrorism, the mind of the terrorist, and organized crime's impact on terrorism.

Hours (3 sem; 3 lec)

Learning Outcomes:

Identify terrorist groups and organizations; examine terrorism's political, economic, and environmental impact on public administration and the private sector; identify the legal changes required to combat terrorism; and present the results of terrorism research.

HMSY 1343: Weapons of Mass Destruction

This course covers hazard and risk assessment, crime scene preservation, chemical agents, biological agents, radiological agents, explosive devices, detection-sampling and plume models, and personal protection methods. The critical role of first responders in weapons of mass destruction, mitigation, and survival will also be presented. Discussion will include historical events related to the use of weapons of mass destruction.

Hours (3 sem; 3 lec)

Learning Outcomes:

Identify weapons of mass destruction and means of dissemination; and compare the different biological, chemical, and radiological materials used in weapons of mass destruction.

HMSY 2337: Managing a Unified Incident Command

A study of the common set of procedures of the unified incident command system for organizing personnel, facilities, equipment, and communications to successfully coordinate multi-agency response. Includes the identification and application of key roles and functional responsibilities for professionally managing multi-agency incidents. Also covers one or more practical application exercises and/or scenarios.

Hours (3 sem; 3 lec)

Learning Outcomes:

Conduct incident command practical competencies; identify the functional responsibilities of unified incident command; and demonstrate coordination of emergency operation centers and incident command operations.

HMSY 1391: Special Topics for Homeland Security

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

Hours (3 sem; 3 lec)

Learning Outcomes:

Learning outcomes/objectives are determined by local occupational need and business and industry trends.

LGLA 1304: Military and National Security Legal Issues

Emphasizes the role of the paralegal and presents fundamentals of the United States military legal system including an introduction to the Uniform Code of Military Justice, military regulations, and court decisions involved in military law emphasizing emerging issues of national security laws.

Hours (3 sem; 3 lec)

Learning Outcomes:

Use terminology relating to military and national security law; analyze sources relating to military and national security law; apply the rules of military and national security law; and analyze the ethical considerations of the paralegal relating to military and national security law.

PROPOSED DEGREE PLAN:

Homeland Security (A.A.S.)

Associate in Applied Science

General Education Requirements – (15 Semester Hours)

Communication – 6 Hours

ENGL 1301: Freshman Composition I
Speech*

Social/Behavioral Sciences* - 3 Hours

Mathematics/Natural Sciences* - 3 Hours

Humanities/Fine Arts* - 3 Hours

Major Core Requirements (12 Semester Hours)

HMSY 1337: Introduction to Homeland Security
LGLA 1304: Military and National Security Legal Issues
CPMT 1351: IT Essentials I: PC Hardware and Software
ITSY 1342: Information Technology Security

Related Course Requirements (15 Semester Hours)

Choose 5 of the following courses:

HMSY 1340: Homeland Security Intelligence Operations
HMSY 1341: Critical Infrastructure Protection
HMSY 1342: Understanding and Combating Terrorism
HMSY 1343: Weapons of Mass Destruction
HMSY 2337: Managing a Unified Incident Command
HMSY 1391: Special Topics in Homeland Security

Major Options (24 Semester Hours)

Law Enforcement

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

Total (66 Semester Hours)

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

- a. LGLA 1353 from 3 lec, 1 lab to 3 lec
- b. LGLA 1301 from 2 lec, 3 lab to 3 lec
- c. LGLA 2307 from 2 lec, 4 lab to 3 lec
- d. LGLA 2335 from 2 lec, 4 lab to 3 lec

Rationale / Justification: These courses are taught for 3 hours per week for 16 weeks**Effects of Revisions****A. Faculty & Staff Requirements:** None**B. Equipment/Facility Requirements:** None**C. Location:** None**D. Income prejections:** None**Effective Date:**

Bruce Moseley 1/9/12

Curriculum Revision Request

Division: Health Sciences

Department / Program: Dental Hygiene

Prepared By: Donna Cleere

Request

- a. Delete BIOL 2402 - Human Anatomy & Physiology II from the Program General Education Course Requirements. ADD HITT 1305- Medical Terminology I to the Program Requirements.
- b. Delete DHYG 2261 - Clinical Dental Hygienist IV from the Major Course Requirements. ADD DHYG 2361 - Clinical Dental Hygienist IV to the Major Course Requirements.
- c. Delete DHYG 1123 - Dental Hygiene Practice from the Major Course Requirements. ADD DHYG 2153 - Dental Hygiene Practice to the Major Course Requirements.
- d.

Rationale / Justification: Deleting BIOL 2402 and ADDING HITT 1305 is a result of curriculum changes need to adopt the Health Science Core Curriculum. Deleting DHYG 1123 and ADDING DHYG 2153 is a result of a change in WECM. DHYG 1123 has been recommended for archive in 8/31/2012. Deleting DHYG 2261 and ADDING DHYG 2361 is a direct result of changes made to adopt the Health Science Core Curriculum. An additional 1 hour of clinic can be added to the dental hygiene curriculum.

Effects of Revisions

A. Faculty & Staff Requirements:	No Changes
B. Equipment/Facility Requirements:	No Changes
C. Location:	No Changes
D. Income prejections:	Slight Increase in Dental Hygiene Contact Hours due to the addition of 1 hour in DHYG 2361.

Effective Date:

Current Course Descriptions	Proposed Course Descriptions
<p>DHYG 1123- Dental Hygiene Practice</p> <p>Emphasis on the laws governing the practice of dentistry and dental hygiene, moral standards, and the ethical standards established by the dental hygiene profession. Practice settings for the dental hygienist, office operations, and preparation for employment. (1 sem hr; 1 lec)</p>	<p>DHYG 2153 Dental Hygiene Practice (Course description did not change- only the course number)</p> <p>Emphasis on the laws governing the practice of dentistry and dental hygiene, moral standards, and the ethical standards established by the dental hygiene profession. Practice settings for the dental hygienist, office operations, and preparation for employment. (1 sem hr; 1 lec)</p>
<p>DHYG 2261 Clinical Dental Hygienist IV</p> <p>A health –related work- based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. (2 sem hrs; 12 clinic)</p>	<p>DHYG 2361 Clinical Dental Hygienist IV (Course description did not change – only the course number)</p> <p>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. (3 sem hrs; 18 clinic)</p>

Dental Hygiene
 Date: 1-17-2012
 From: Donna Cleere
 Subject: Curriculum Revision Request

Current Curriculum-Catalog Format	Proposed Curriculum –Catalog Format
General Education Requirements 31	General Education Requirements 30
Communication – 6 Hours Speech ENGL 1301- Freshman Composition I	Communication – 6 Hours Speech ENGL 1301- Freshman Composition I
Humanities/Fine Arts – 3 Hours Humanities or Fine Art	Humanities/Fine Arts – 3 Hours Humanities or Fine Art
Mathematics/Natural Sciences – 19 hours Mathematics BIOL 2401- Human Anatomy and Physiology I BIOL 2402 – Human Anatomy and Physiology II	Mathematics/Natural Sciences – 19 hours Mathematics BIOL 2401- Human Anatomy and Physiology I Delete BIOL 2402 – Human Anatomy and Physiology II
BIOL 2421 – Microbiology CHEM 1406 – General Organic & Biological Chemistry	BIOL 2421 – Microbiology CHEM 1406 – General Organic & Biological Chemistry
Social/Behavioral Sciences – 3 Hours PSYC 2301 – General Psychology	Social/Behavioral Sciences – 3 Hours PSYC 2301 – General Psychology
	Add: Related Required Courses HITT 1305 – Medical Terminology I – 3 Hours
Major Course Requirements (41 Semester Hours)	Major Course Requirements (42 Semester Hours)
DHYG 1123 – Dental Hygiene Practice	DHYG 2153 – Dental Hygiene Practice
DHYG 1207 – General and Dental Nutrition	DHYG 1207 – General and Dental Nutrition
DHYG 1215 – Community Dentistry	DHYG 1215 – Community Dentistry
DHYG 1227 – Preventive Dental Hygiene Care	DHYG 1227 – Preventive Dental Hygiene Care
DHYG 1235 – Pharmacology for the Dental Hygienist	DHYG 1235 – Pharmacology for the Dental Hygienist
DHYG 1239 – General and Oral Pathology	DHYG 1239 – General and Oral Pathology
DHYG 1260 – Clinical Dental Hygienist I	DHYG 1260 – Clinical Dental Hygienist I
DHYG 1261 – Clinical Dental Hygienist II	DHYG 1261 – Clinical Dental Hygienist II
DHYG 1301 – Orofacial Anatomy, Histology and Embryology	DHYG 1301 – Orofacial Anatomy, Histology and Embryology
DHYG 1304 – Dental Radiology	DHYG 1304 – Dental Radiology
DHYG 1311 - Periodontology	DHYG 1311 - Periodontology
DHYG 1319 – Dental Materials	DHYG 1319 – Dental Materials
DHYG 1431 – Preclinical Dental Hygiene	DHYG 1431 – Preclinical Dental Hygiene
DHYG 2201 – Contemporary Dental Hygiene Care I	DHYG 2201 – Contemporary Dental Hygiene Care I
DHYG 2261 – Clinical Dental Hygienist IV	DHYG 2361 – Clinical Dental Hygienist IV
DHYG 2331 – Contemporary Dental Hygiene Care II	DHYG 2331 – Contemporary Dental Hygiene Care II
DHYG 2360 – Clinical Dental Hygienist III	DHYG 2360 – Clinical Dental Hygienist III
Total (72-Semester Hours)	Total (72 - Semester Hours)

Curriculum Revision Request Form

1. Division: Health Science
2. Department/Program: Radiation Therapy
3. Prepared By: Tony Tackitt
4. Request: Delete the following courses:
 - a. RADR 1317- Radiographic Anatomy and Physiology I
 - b. RADR 1318 Radiographic Anatomy and Physiology II
 - c. RADR 2340 Sectional Anatomy for Medical Imaging
 - d. RADT 1291 Ethics & Law in Radiation Therapy

Request: Add the following courses:

- a. BIOL 2401 Human Anatomy and Physiology I
- b. BIOL 2402 Human Anatomy and Physiology II
- c. RADR ~~2340~~²²⁴⁰ Sectional Anatomy for Medical Imaging
- d. RADT 1191 Ethics & Law in Radiation Therapy

5. Rationale/Justification:
 - a. To accommodate the Health Science Core Curriculum that was recently adopted.
 - b. RADR 1317 and RADR 1318 are no longer offered by the radiography program as a result of the Health Science Core Curriculum requirements. They are being replaced with the Human Anatomy and Physiology courses (BIOL 2401, 2402)
 - c. RADT 1291 and RADR 2340 are being reduced by 1 sem cr hr to accommodate recent changes in curriculum guidelines from the American Society of Radiologic Technologist. Resulting in new course numbers RADT 1291 will become RADT 1191. RADR 2340 (a course taught by the Radiography program, but having the same curriculum association with Society of Radiologic Technologist) will become RADR 2240.
 - d. All of the proposed changes are reflective of courses found in the WECM inventory.

6. Effects of Revision
 - a. No impact. Radiography program will no longer offer RADR 1317 and 1318, but that does not impact the Radiation Therapy program faculty.
 - b. No impact.
 - c. No impact on Radiation Therapy program.

Proposed course:

RADT 1191: ST – Ethics and Law in Radiation Therapy

Topics address recently identified current events, skills, knowledges and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

(1 sem hr; 1 lec)

Course Outcomes:

1. Distinguish between philosophical theories that undergird principles of ethical decision making.
2. Identify principles that guide ethical decision making for practice situations.
3. Define practice situations that carry high potential for dilemmas which require ethical scrutiny.
4. Discuss basic ethical duties of health care providers.
5. Demonstrate an awareness of and sensitivity to various cultural and ethnic differences among various client groups.
6. Discuss the concept of patient advocacy in support of patients' rights.
7. Explain the principle of autonomy.
8. Discuss the radiation therapy scope of practice, code of ethics and practice standards.
9. Differentiate between nonmaleficence and beneficence.
10. Discuss the elements of an informed consent.
11. Discuss standards of disclosure.
12. Analyze issues related to the use and flow of patient information to determine confidentiality.
13. Identify current ethical issues in health care.
14. Demonstrate application of the doctrine of informed consent and other issues related to patient rights.
15. Explain ethical issues related to the profession.
16. Examine ethical issues arising in a radiation therapy department daily.
17. Apply concepts related to social, political, economic and historical issues to analyze the different sources of law.

	Hours (2 sem hrs; 2 lec)
--	--------------------------

Catalog Format:

CURRENT CATALOG FORMAT

GENERAL EDUCATION REQUIREMENTS*.....15
 Communication
 ENGL 1301: Freshman Composition I
 SPCH 1318: Interpersonal Communication
 Humanities/Fine Arts
 Mathematics/Natural Sciences
 Math 1332 Contemporary Mathematics
 (OR ANY math*)
 Social/Behavioral Sciences*

MAJOR COURSE REQUIREMENTS.....54
 RADT 1142: Quality Assurance in Radiation Therapy
 RADT 1267: Practicum II
 RADT 1205: Technical Procedures I
 RADT 1246: Technical Procedures I
 RADT 1266 Practicum I
 RADT1271: Technology Research
~~RADT1291: Ethics and Law in Radiation Therapy~~
~~RADR 1317: Radiographic Anatomy and Physiology I~~
~~RADR 1318: Radiographic Anatomy and Physiology II~~
 RADT 1401: Introduction to Radiation Therapy
 RADT 2266: Practicum III
 RADT 2271: Technical Procedures III
 RADT 2367: Practicum IV
 RADT 2366: Practicum V
 RADT 2401: Oncology I
 RADT 2403: Oncology II
 RADT 2407: Dosimetry I
 RADT 2309: Dosimetry II
~~RADR 2340: Sectional Anatomy for Medical Imaging~~

RELATED REQUIRED COURSES.....6
 HITT: 1305: Medical Terminology I
 PHYS 1305: Introductory Physics

TOTAL.....72

PROPOSED CATALOG FORMAT

GENERAL EDUCATION REQUIREMENTS*.....15
 Communication
 ENGL 1301: Freshman Composition I
 SPCH 1318: Interpersonal Communication
 Humanities/Fine Arts
 Mathematics/Natural Sciences
 Math 1332 Contemporary Mathematics
 (OR ANY math*)
 Social/Behavioral Sciences*

MAJOR COURSE REQUIREMENTS.....43
 RADT 1142: Quality Assurance in Radiation Therapy
 RADT 1267: Practicum II
 RADT 1205: Technical Procedures I
 RADT 1246: Technical Procedures I
 RADT 1266 Practicum I
 RADT1271: Technology Research
 RADT1191: Ethics and Law in Radiation Therapy
 RADT 1401: Introduction to Radiation Therapy
 RADT 2266: Practicum III
 RADT 2271: Technical Procedures III
 RADT 2367: Practicum IV
 RADT 2366: Practicum V
 RADT 2401: Oncology I
 RADT 2403: Oncology II
 RADT 2407: Dosimetry I
 RADT 2309: Dosimetry II
 RADR 2240: Sectional Anatomy for Medical Imaging

RELATED REQUIRED COURSES.....14
 HITT: 1305: Medical Terminology I
 PHYS 1305: Introductory Physics
 BIOL 2401 Human Anatomy & Physiology I
 BIOL 2402 Human Anatomy & Physiology II

TOTAL.....72

7. Effective Date: August 20 2012 (Fall 2012 term)

Current courses	Proposed Courses
<p>RADR 1317 Radiographic Anatomy and Physiology I Survey of basic human anatomy and physiology. The localization and identification of human anatomy on the radiographic image is emphasized.</p> <p>Hours (3 sem hrs; 3 lec)</p>	<p>BIOL 2401 - Human Anatomy and Physiology I Prerequisites / Corequisite Prerequisite: RDNG 0331-minimum grade of C or a score on a state-approved test indicating college-level reading skills; SCIT 1307 recommended</p> <p>A detailed study of the human organism according to levels of chemical and structural organization with special reference to cytology, histology, and organs of the integumentary, skeletal, muscular, and nervous systems and fluid and electrolyte balance.</p> <p>Hours (4 sem hrs; 3 lec, 3 lab)</p>
<p>RADR 1317 – Radiographic Anatomy and Physiology II Survey of basic human anatomy and physiology. The localization and identification of human anatomy on the radiographic image is emphasized.</p> <p>Hours (3 sem hrs; 3 lec)</p>	<p>BIOL 2402 - Human Anatomy and Physiology II Prerequisites / Corequisite Prerequisite: BIOL 2401</p> <p>A detailed study of the human organism according to levels of chemical and structural organization with special reference to cytology, histology, and organs of the sense organs, endocrine, cardiovascular, respiratory, urinary, digestive and reproductive systems and genetics.</p> <p>Hours (4 sem hrs; 3 lec, 3 lab)</p>
<p>RADR 2240 – Sectional Anatomy for Medical Imaging Prerequisite: RADR 1167 or Program Director consent Anatomic relationships that are present under various sectional orientations as depicted by computed tomography or magnetic resonance imaging.</p> <p>Hours (3 sem hrs; 3 lec)</p>	<p>RADR 2240 Sectional Anatomy for Medical Imaging Prerequisite: RADR 1167 or Program Director consent</p> <p>Anatomic relationships present under various sectional orientations.</p> <p>End-of-Course Outcomes: Differentiate the various planar orientations used in medical imaging; and identify anatomic structures viewed on medical images.</p>