

**EL CAMINO COLLEGE  
MINUTES OF THE COLLEGE CURRICULUM COMMITTEE  
DECEMBER 6, 2011**

Present: J. Davidson, S. Dowden, E. French-Preston, S. Gates, M. Lipe, E. Martinez, V. Nemie, T. Norton, V. Rayford, J. Simon, J. Sims, J. Thompson

Absent: F. Arce, B. Carey, S. Rodriguez

Ex-Officio Members Present: Q. Chapman, M. Hall, C. Lee, L. Suekawa

Ex-Officio Members Absent: T. Carr, L. Kjeseth, D. Vakil, C. Valdez

Also Present: N. Lee (Compton representative), L. Linka

**CALL TO ORDER**

Chair Simon called the College Curriculum Committee (CCC) meeting to order at 2:32 p.m.

**APPROVAL OF MINUTES**

The minutes from the November 22<sup>nd</sup> meeting were sent via email and approved as submitted prior to today's meeting.

**CURRICULUM REVIEW**

The following proposal was scheduled for a live vote by the CCC voting representatives, who were requested to review the course outline of record prior to the live vote:

Art 34ab – on the initial submission, the primary evaluation method selected was ‘Substantial writing assignments’, and there was a question as to whether students would be prepared for this course with the current recommended preparation of ‘eligibility for English 84’. The evaluation method was changed to ‘Skills demonstrations’, and the typical assignment and one of the critical thinking assignments were edited to reflect the primary method of evaluation. After review and discussion, it was determined that justification was required for the recommended preparation. Also, no assessment had been selected for objective #4. Therefore, the proposal was tabled pending further editing.

Full Review Proposals – the following courses and programs were reviewed and are ready for final action:

- Fire Technology 140
- Mathematics 110
- Business – Office Administration: Management Option AS Degree
- Business – Office Administration: Office Systems Option AS Degree
- Business – Office Administration: Bookkeeping Clerk Certificate of Achievement
- Business – Office Administration: Office Applications Specialist Certificate of Achievement

**CONSENT AGENDA PROPOSALS**

The following courses were reviewed and are ready for final action:

- Art 87ab

- Child Development 105
- Child Development 108
- Child Development 114
- Child Development 123
- Child Development 163
- Child Development 166
- Dance 25abcd
- Dance 42ab
- Dance 43abcd
- English 22
- English as a Second Language 2C
- English as a Second Language 2D
- First Aid 1
- Journalism 6
- Music 30
- Nursing 149
- Physical Education 277
- Radiologic Technology 123
- Radiologic Technology 124
- Spanish 3
- Spanish 4

### **CHAIR'S REPORT**

Chair Simon announced she will be conducting CurricUNET training on Friday, December 9<sup>th</sup>, from 11:45 a.m. to 1:00 p.m. All attendees will receive a draft of the curriculum manual. This training will be repeated in the spring. Chair Simon then fielded a question from N. Lee in regards to CurricUNET, its function, and training opportunities. Basically, the function of CurricUNET is curriculum management. The training information will be forwarded to Compton faculty.

Chair Simon asked the CCC representatives to sign up for the spring Standard Review Sub-Committee, noting that those members who volunteered for the handbook committee are exempt from this sub-committee. The following is a preliminary schedule:

March 1, 2012	J. Thompson / J. Davidson
March 15, 2012	T. Norton /
April 5, 2012	
April 26, 2012	S. Gates /
May 10, 2012	V. Rayford / E. Martinez

### **SPRING 2012 CURRICULUM PLANS**

The CCC representatives were asked to give a brief summary of their spring 2012 curriculum plans.

M. Lipe – Health Sciences and Athletics

- Continuing with fall and spring listings – will rollover courses not submitted in the fall to the spring plan.

- Submissions to include:
  - Kinesiology AA Degree for Transfer – new
  - Radiologic Technology AS degree and Certificate – revision
  - Recreation Certificate of Accomplishment – new
  - Fitness Trainer Certificate – new
  - Educational Development 14 – re-activation
  - Nursing 155 – in approval process

J. Thompson – Business

- Conducted program review this past semester
- Submissions to include:
  - Computer Information Systems 132 – HTML 5 - new
  - Computer Information Systems 136 – Mobile Applications – new
  - Computer Information Systems 19

Q. Chapman requested that J. Thompson please follow up on Business 15, already in the review cycle.

V. Nemie – Industry and Technology

- The division is incorporating a system for keeping track of proposals.
- Proposals not completed in the fall will rollover to the spring.
- Industry changes affect the swiftness required in moving proposals forward.

S. Gates – Humanities

- Continuing with six-year plan

S. Dowden – Behavioral and Social Sciences

- Faculty are working on transfer degrees.
- The division has already begun spring review.

J. Sims – Mathematical Sciences

- The division will be focusing on experimental courses – these are acceleration courses.
- There will be less focus on basic skills courses.
- They will be collecting data to evaluate the effectiveness of the experimental courses.

J. Davidson – Fine Arts

- Faculty have 35 courses to submit for spring.
- The division has three rounds of submission dates: 2/17/12, 3/5/12 and 4/16/12. Course review will be complete on 4/16/12.

**ANNOUNCEMENTS**

There were concerns from N. Lee in regards to the lack of a College Curriculum Committee at Compton Center.

- A curriculum sub-committee previously existed at Compton but has since been disbanded.
- Chair Simon informed the committee that three or four leaders met last semester to formulate a plan of action in this regard.

- It was announced that M. Odanaka would be the next Academic Senate president at Compton.
- T. Norton stated that he has been encouraging the DCC representatives from Compton to attend DCC meetings at El Camino.
- N. Lee requested that Chair Simon communicate to the VPAA at Compton Center that the College Curriculum Committee should be re-established.

Q. Chapman referred to the handouts included in today's packet. The first was a report of "Courses Not Reviewed in Six Years". Q. Chapman encouraged the representatives to review this list with their dean. The list will be regularly updated and posted on the portal. Also on the portal and included in the handout were flow charts detailing "Full/Standard CCC Course Review Approval Processes" and "Consent Agenda Approval Processes", which Q. Chapman reviewed with the committee.

#### **ADJOURNMENT**

Chair Simon called for a motion to adjourn the meeting. V. Rayford moved, V. Nemie seconded, and the motion was carried. Chair Simon adjourned the meeting at 3:42 p.m.

EL CAMINO COLLEGE  
COLLEGE CURRICULUM COMMITTEE  
December 6, 2011

**Proposed Curriculum Changes for 2012-2013**

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**BEHAVIORAL AND SOCIAL SCIENCES**

**COURSE REVIEW**

1. Child Development 163 – Working with Children: Attention Deficit Disorders

**COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION; DISTANCE EDUCATION UPDATE**

1. Child Development 105 – Parenting in Contemporary Society

*Current Status/Proposed Changes*

In this course, students will examine the principles of effective parenting for children from birth through adolescence. Historical perspectives of parenting styles and methods will be discussed. Topics will include appropriate techniques for guiding behavior, the influences and partnerships between family, of school, community, and media in family life. ; Family diversity, child abuse and prevention, the diverse nature of the family, cultural influences, high risk families, alternative families, ~~and~~ children with special needs, and child abuse and prevention will be explored. This course is designed for both parents and teachers.

*Recommendation*

In this course, students will examine the principles of effective parenting for children from birth through adolescence. Historical perspectives of parenting styles and methods will be discussed. Topics will include appropriate techniques for guiding behavior, the influences and partnerships between family, school, community, and media in family life.

Family diversity, cultural influences, high risk families, alternative families, children with special needs, and child abuse and prevention will be explored. This course is designed for both parents and teachers.

**COURSE REVIEW; CHANGES IN DESCRIPTIVE TITLE, CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation), CATALOG DESCRIPTION, DISTANCE EDUCATION UPDATE**

*Current Status/Proposed Changes*

1. Child Development 108 – ~~The Preschool Child~~ Principles and Practices of Teaching Young Children

Prerequisite: Child Development 103 with a minimum grade of C or equivalent concurrent enrollment

Recommended Preparation: eligibility for English 1A

This course analyzes developmental patterns of children from two and a half to five years of age with an emphasis on the practical application of theories and principles of development. examines the underlying theoretical principles of developmentally appropriate practices applied to programs and environments. The key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, emotional, creative, and cognitive development in young children will be emphasized. ~~The~~ This course includes a ~~comparison~~ review of the historical roots of early childhood programs and current philosophies and methodologies of early childhood education. Topics include observation, and analysis, and assessment of young children's development ~~child behavior~~, identification of effective teaching strategies, age appropriate environments, and professional ethics.

*Recommendation*

Child Development 108 – Principles of Practices of Teaching Young Children  
 Prerequisite: Child Development 103 with a minimum grade of C or concurrent enrollment  
 Recommended Preparation: eligibility for English 1A

This course examines the underlying theoretical principles of developmentally appropriate practices applied to programs and environments. The key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, emotional, creative, and cognitive development in young children will be emphasized. This course includes a review of the historical roots of early childhood programs and current philosophies and methodologies of early childhood education. Topics include observation, analysis, and assessment of young children's development, identification of effective teaching strategies, age appropriate environments, and professional ethics.

**COURSE REVIEW; CHANGES IN DESCRIPTIVE TITLE, CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation), CATALOG DESCRIPTION**

*Current Status/Proposed Changes*

1. Child Development 114 – Observing and ~~Guiding~~ Assessing Young Children  
 Prerequisite: Child Development 103 with a minimum grade of C or ~~equivalent~~ concurrent enrollment  
Recommended Preparation: eligibility for English 1A

In this course, students will examine ~~guidance techniques as they apply to children from birth to age twelve in individual and group settings~~ the appropriate use of assessment and observational strategies for young children and document development, growth, play and learning in order to work with families and professionals in promoting children's success and maintaining quality programs. This course will explore recording strategies, rating systems, portfolios, and multiple assessment methods. Students will analyze, through observation and research, common behavioral issues and the possible underlying influences on behavior. The role of the teacher in promoting an environment which fosters appropriate behavior will be examined. Students will be required to conduct observations in local school programs.

*Recommendation*

Child Development 114 – Observing and Assessing Young Children

Prerequisite: Child Development 103 with a minimum grade of C or concurrent enrollment

Recommended Preparation: eligibility for English 1A

In this course, students will examine the appropriate use of assessment and observational strategies for young children and document development, growth, play and learning in order to work with families and professionals in promoting children's success and maintaining quality programs. This course will explore recording strategies, rating systems, portfolios, and multiple assessment methods. Students will analyze, through observation and research, common behavioral issues and the possible underlying influences on behavior. The role of the teacher in promoting an environment which fosters appropriate behavior will be examined. Students will be required to conduct observations in local school programs.

**COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION**

1. Child Development 166 – Working with Children: Physical Disabilities/Health Impairments  
*Current Status/Proposed Changes*

This course is designed for students interested in working as paraprofessionals with children with physical disabilities and/or health conditions. Students will examine Ccommon Pphysical disabilities such as eCerebral pPalsy and sSpina bBifida and other health impairments such as aAsthma and dDiabetes will be examined. Students will be introduced Introduction to the various types of medical and technological support required for these children during the school day and in the home will be discussed. Topics ~~will~~ include procedures, equipments, health and safety issues, and the laws governing the rights of children with special needs and their families. Students will observe local programs that serve children with physical impairments or health conditions.

*Recommendation*

This course is designed for students interested in working as paraprofessionals with children with physical disabilities and/or health conditions. Students will examine common physical disabilities such as Cerebral Palsy and Spina Bifida and other health impairments such as Asthma and Diabetes. Introduction to the various types of medical and technological support required for these children during the school day and in the home will be discussed. Topics include procedures, equipment, health and safety issues, and the laws governing the rights of children with special needs and their families. Students will observe local programs that serve children with physical impairments or health conditions.

**NEW DISTANCE EDUCATION COURSE VERSION**

1. Child Development 114 – Observing and Assessing Young Children

**COURSE INACTIVATION**

1. Child Development 123 – Principles and Practices of School Age Care Programs

**BUSINESS**

**CHANGE IN MAJOR; COURSE REQUIREMENTS, UNITS**

1. Business – Office Administration: Management Option

*Current Status/Proposed Change*

18 units of the major requirements must be completed at El Camino College.

Business ~~16~~ 22, 27, 28, 29, 41, 43, ~~52A, 52B, 54, 55~~, Computer Information Systems 13, ~~Business 22, 29, 60B~~;

three courses from: Business 1A or 11; Business 20, 25, ~~Computer Information Systems 13~~

Total units: ~~36-37~~ 33-34

*Recommendation*

18 units of the major requirements must be completed at El Camino College.

Business 22, 27, 28, 29, 41, 43, 55, Computer Information Systems 13;

three courses from: Business 1A or 11; Business 20, 25

Total units: 33-34

2. Business - Office Administration: Office Systems Option

*Current Status/Proposed Change*

18 units of the major requirements must be completed at El Camino College.

Business ~~16~~, 27, 28, 40, 41, 43, 52A, 52B, ~~54, 55~~, 60A, 60B, 60C, Computer Information Systems 13;

~~two courses from: Business 49abcd, 56abcd, 57abcd;~~

one course from: Computer Information Systems 26, 28

Total units: ~~32~~ 30

*Recommendation*

18 units of the major requirements must be completed at El Camino College.

Business 27, 28, 40, 41, 43, 52A, 52B, 55, 60A, 60B, 60C, Computer Information Systems 13;

one course from: Computer Information Systems 26, 28

Total units: 30

**CHANGE IN CERTIFICATE OF ACHIEVEMENT; COURSE REQUIREMENTS, UNITS**

1. Business - Office Administration: Bookkeeping Clerk

*Current Status/Proposed Change*

Business 11 or 1A; Business 15, ~~16, 40~~, 41, 43, ~~60B~~; Business 3 or Computer Information Systems 26; ~~Business 54~~ or Computer Information Systems 13

Total units: ~~20-23~~ 16-18

*Recommendation*

Business 11 or 1A; Business 15, 41, 43; Business 3 or Computer Information Systems 26; Computer Information Systems 13



Total units: 16-18

2. Business - Office Administration: Office Applications Specialist

*Current Status/Proposed Changes*

Business ~~16~~, 27, 40, 43, 52A, 52B, ~~54~~, 55, 60C, Computer Information Systems 13

~~two courses from: Business 49abcd, 56abcd, 57abcd~~

Total units: ~~24~~ 20

*Recommendation*

Business 27, 40, 43, 52A, 52B, 55, 60C, Computer Information Systems 13

Total units: 20

**FINE ARTS**

**COURSE REVIEW**

- 1. Dance 25abcd – Commercial Dance
- 2. Dance 42ab – Modern Dance I
- 3. Dance 43abcd – Modern Dance II

**COURSE REVIEW; CHANGES IN DESCRIPTIVE TITLE, CATALOG DESCRIPTION**

*Current Status/Proposed Changes*

1. Art 87ab – ~~Beginning~~ Printmaking I – Etching, Relief, and Lithography

This course is ~~a survey of the fundamental~~ an introduction to non-toxic methods, materials, and processes of printmaking. ~~Instruction Topics~~ includes relief (woodcut and linoleum), intaglio (drypoint and etching), and serigraph (silkscreen) methods of printmaking. ~~This course also includes lithography (stone and plate).~~ Color and black and white printing are included, as well as four color (CMYK) techniques in black and white and in color, as well as limited edition printing by hand and by press.

*Recommendation*

Art 87ab – Printmaking I – Etching, Relief, and Lithography

This course is an introduction to non-toxic methods, materials, and processes of printmaking. Topics include relief (woodcut and linoleum), intaglio (drypoint and etching), and lithography (stone and plate). Color and black and white printing are included, as well as four color (CMYK) techniques.

**COURSE REVIEW; CHANGES IN CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation)**

1. Music 30ab – Beginning Jazz Improvisation

*Current Status/Proposed Changes*

Enrollment Limitation: Audition at the first class meeting (ability to perform music of moderate difficulty on ~~a standard band~~ an instrument or vocally).

Recommendation Preparation: Music 1 or equivalent

*Recommendation*

Enrollment Limitation: Audition at the first class meeting (ability to perform music of moderate difficulty on an instrument or vocally).

Recommendation Preparation: Music 1 or equivalent

**HEALTH SCIENCES AND ATHLETICS**

**COURSE REVIEW**

1. First Aid 1 – First Aid, Cardiopulmonary Resuscitation
2. Physical Education 277 – Introduction to Kinesiology

**COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION**

1. Nursing 149 – Preparation for Advanced Placement in Nursing

*Current Status/Proposed Changes*

This course acquaints Licensed Vocational/Practical Nurses (LVN/LPN), ~~Licensed Psychiatric Technicians (LPT)~~, and transfer students ~~from accredited nursing programs~~ to concepts of nursing as they apply to the El Camino College nursing program. Students will become familiar with the program philosophy, basic needs theory, nursing process, critical thinking, and communication. Course discussion will ~~focus on~~ examine problems associated with ingestive, excretory, physical integrity and oxygenation (O<sub>2</sub>CO<sub>2</sub>) needs. Course discussion will also include transition to the registered nursing role and the impact of legal and ethical boundaries ~~on health care delivery~~. Students will practice basic nursing skills and demonstrate competency.

*Recommendation*

This course acquaints Licensed Vocational/Practical Nurses (LVN/LPN), and transfer students to concepts of nursing as they apply to the El Camino College nursing program. Students will become familiar with the program philosophy, basic needs theory, nursing process, critical thinking, and communication. Course discussion will examine problems associated with ingestive, excretory, physical integrity and oxygenation (O<sub>2</sub>CO<sub>2</sub>) needs. Course discussion will also include transition to the registered nursing role and the impact of legal and ethical boundaries. Students will practice basic nursing skills and demonstrate competency.

2. Radiologic Technology 123 – Radiographic Positioning 1A

*Current Status/Proposed Changes*

This course is designed to prepare the student with entry level skills and knowledge to perform safely in a radiology department. Topics include patient care, professional standards, ethics and law as they relate to the radiologic technology profession. Patient positioning and radiologic exposure of the chest, ~~thorax, abdomen,~~ upper and lower extremities, ~~shoulder and pelvic girdle~~ are introduced along with the use of various radiographic devices. Laboratory practice, radiographic image analysis and topographical anatomy are presented as they apply in the production of optimum radiographic examinations.

*Recommendation*

This course is designed to prepare the student with entry level skills and knowledge to perform safely in a radiology department. Topics include patient care, professional standards, ethics and law as they relate to the radiologic technology profession. Patient positioning and radiologic exposure of the chest, upper and lower extremities are introduced along with the use of various radiographic devices. Laboratory practice, radiographic image analysis and topographical anatomy are presented as they apply in the production of optimum radiographic examinations.

3. Radiologic Technology 124 – Radiographic Positioning 1B

*Current Status/Proposed Changes*

In this course, students will study additional principles of radiographic positioning. Emphasis is placed on those procedures involving the shoulder, bony thorax, pelvis, vertebral column, contrast media, gastrointestinal system, genitourinary system and biliary systems. Special imaging considerations for the pediatric and geriatric patients, the acutely ill, surgical patients, and trauma patients will also be covered. Radiographic technique, anatomy, specialized mobile and fluoroscopic equipment, patient safety, and radiation protection will be included. Laboratory practice, ~~film~~ radiographic image analysis and critique, and topographical anatomy are presented as they apply in the production of optimum radiographic examinations.

*Recommendation*

In this course, students will study additional principles of radiographic positioning. Emphasis is placed on those procedures involving the shoulder, bony thorax, pelvis, vertebral column, contrast media, gastrointestinal system, genitourinary system and biliary systems. Special imaging considerations for the pediatric and geriatric patients, the acutely ill, surgical patients, and trauma patients will also be covered. Radiographic technique, anatomy, specialized mobile and fluoroscopic equipment, patient safety, and radiation protection will be included. Laboratory practice, radiographic image analysis and critique, and topographical anatomy are presented as they apply in the production of optimum radiographic examinations.

**NEW DISTANCE EDUCATION COURSE VERSION**

1. First Aid 1 – First Aid, Cardiopulmonary Resuscitation

## HUMANITIES

### COURSE REVIEW

1. Journalism 6 – Basic Photojournalism

### COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION

1. English as a Second Language 02C – Conversation and Grammar Level III

*Current Status/Proposed Changes*

This Level III conversation and grammar course provides extensive focused practice on English grammar forms and structure through listening, speaking, reading, and writing activities. ~~Emphasis is on verb tenses, direct/indirect objects, modals, comparatives, superlatives, count and non-count nouns, and quantifiers~~ Structures to be emphasized are past, present, and future verb tenses, and gerunds and infinitives.

*Recommendation*

This Level III conversation and grammar course provides extensive focused practice on English grammar forms and structures through listening, speaking, reading, and writing activities. Structures to be emphasized are past, present, and future verb tenses, and gerunds and infinitives.

2. English as a Second Language 02D – Conversation and Grammar Level IV

*Current Status/Proposed Changes*

This Level IV conversation and grammar course provides focused practice on English grammar forms and structures through listening, speaking, reading, and writing activities. Emphasis is on ~~the continuous and perfect tenses, transitive and intransitive verbs, irregular verb forms, the passive voice, participial adjectives, and idioms~~ count and non-count nouns, including quantifiers; modals expressing advice, requests, desires, offers, and necessity; and the comparison forms of adjectives and adverbs.

*Recommendation*

This Level IV conversation and grammar course provides focused practice on English grammar forms and structures through listening, speaking, reading, and writing activities. Emphasis is on count and non-count nouns, including quantifiers; modals expressing advice, requests, desires, offers, and necessity; and the comparison forms of adjectives and adverbs.

### COURSE REVIEW; CHANGES IN GENERAL EDUCATION REQUIREMENT

1. Spanish 3 – Intermediate Spanish I

*Current Status/ Proposed Changes*

IGETC General Education Requirement – Area 3B – Humanities

*Recommendation*

IGETC General Education Requirement – Area 3B – Humanities

2. Spanish 4 – Intermediate Spanish II  
*Current Status/ Proposed Changes*  
IGETC General Education Requirement – Area 3B - Humanities

*Recommendation*

IGETC General Education Requirement – Area 3B - Humanities

**COURSE INACTIVATION**

1. English 22 – Suspense Literature

**INDUSTRY AND TECHNOLOGY**

**COURSE REVIEW; CHANGES IN UNITS, LECTURE HOURS, CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation), CATALOG DESCRIPTION NOTE**

1. Fire and Emergency Technology 140 – Emergency Medical Technician  
*Current Status/Proposed Changes*  
Units: ~~4.0~~ 5.0      Lecture: ~~4.0~~ 5.0 hours  
Corerequisite: Fire and Emergency Technology 141  
Prerequisite: Possession of a current CPR card (Healthcare Provider from American Heart Association OR Professional Rescuer CPR from American Red Cross). Card must not expire less than six months from start date of class. Cards will be checked the first day of class for admission.

In this course, students will study the basic skills necessary for the assessment, rescue, immediate treatment and transport of the urgently ill or injured person. Course content emphasizes identifying and correcting life-threatening conditions, identifying appropriate rescue techniques, and developing a systematic approach for providing pre-hospital care.

*Note:* Students must show proof of current certification in Health Care Provider Cardiopulmonary Resuscitation (CPR) or Professional Rescuer CPR from the American Heart Association or the American Red Cross at the first class meeting. Completion of this course and Emergency Technology 141, both with a grade of "B" or above, will make the student eligible to take the National Registry Emergency Medical Technician (EMT) exam.  
Note: This course is repeatable.

*Recommendation*

Units: 5.0      Lecture: 5.0 hours

Corerequisite: Fire and Emergency Technology 141

Prerequisite: Possession of a current CPR card (Healthcare Provider from American Heart Association OR Professional Rescuer CPR from American Red Cross). Card must not expire less than six months from start date of class. Cards will be checked the first day of class for admission.

In this course, students will study the basic skills necessary for the assessment, rescue, immediate treatment and transport of the urgently ill or injured person. Course content emphasizes identifying and correcting life-threatening conditions, identifying appropriate rescue techniques, and developing a systematic approach for providing pre-hospital care.

*Note:* Students must show proof of current certification in Health Care Provider Cardiopulmonary Resuscitation (CPR) or Professional Rescuer CPR from the American Heart Association or the American Red Cross at the first class meeting. Completion of this course and Emergency Technology 141, both with a grade of "B" or above, will make the student eligible to take the National Registry Emergency Medical Technician (EMT) exam. Note: This course is repeatable.

## MATHEMATICAL SCIENCES

### **COURSE REVIEW; CHANGES IN LECTURE/LAB HOURS, FACULTY LOAD**

1. Mathematics 110 – Structures and Concepts in Mathematics

*Current Status/Proposed Changes*

Units: 3      Lecture: ~~3.0~~ 2.0 hours      Lab: ~~0~~ 2.0 hours      Faculty Load: ~~20~~ 23.33%

*Recommendation*

Units: 3      Lecture: 2.0      Lab: 2.0      Faculty Load: 23.33%