Present: F. Arce, S. Gates, A. Himsel, B. Jaffe, L. Kjeseth, M. Lipe, V. Lloyd,
E. Martinez, M. Odanaka, V. Rayford, J. Sims, J. Thompson

Members Absent : J. Davidson, R. Hughes, S. Panski

Ex-Officio Members Present: Q. Chapman, J. Harmon, L. Suekawa, J. Young

Ex-Officio Members Absent: M. Hall, R. Smith, Student Representatives

Also Present: J. Meredith, J. Schwartz,

CALL TO ORDER
Chair Kjeseth called the College Curriculum Committee (CCC) meeting to order at 2:30 p.m.

APPROVAL OF MINUTES
Chair Kjeseth announced that the minutes from the October 27th CCC meeting will be available for review by Thursday.

CHAIR'S REPORT
- There are 22 out-of-compliance courses that will be coming to the committee for review.
- The work will be done this fall at the division level to have the remaining courses reviewed Spring 2010.
- Chair Kjeseth thanked the committee for their comments on the full review proposals.
- J. Young was not present at our last CCC meeting because she was presenting her dissertation and has advanced to candidacy in her program.

VICE PRESIDENTS' REPORT
- B. Jaffe thanked Lars for his work on the CurricUNET software and leading the college in the transistion.

CURRICULUM REVIEW
Health Sciences and Health Proposals
- J. Schwartz, Interim Dean of Health Sciences and Athletics, distributed errata sheets to the committee for course review proposals – Nursing 103, Nursing 104, and Physical Education 243abcd. The proposals for Respiratory Care 176 and 178 will be reviewed at the November 24th CCC meeting.

- He began with a review of Nursing 103. Chair Kjeseth fielded a question from the committee regarding the change in the recommended preparation from Mathematics 10A to Mathematics 12.
- J. Schwartz proceeded with a review of Nursing 104. He accepted the recommendation from the committee for the catalog description.
- He concluded with a review of Physical Education 243abcd. The revision in the typical assignment was clarified.
- Chair Kjeseth called for a motion to approve the course revisions and conditions of enrollment. M. Lipe moved, V. Lloyed seconded, and the motion carried.

CONSENT AGENDA PROPOSALS
- The committee reviewed the consent agenda proposals. There were 32 course proposals on the agenda – Behavioral and Social Sciences (6), Fine Arts (11), Health Sciences and Athletics (5), Industry and Technology (9), and Mathematica Sciences (1).
- Chair Kjeseth explained the discipline changes in the Child Development courses.
  J. Young also explaned the rationale for proposing the changes. She stressed the importance of having qualified faculty with Special Education experience teach the six courses presented on the consent agenda.
- After review of the Consent Agenda, Chair Kjeseth asked for a motion to approve the proposals, including the conditions of enrollment. M. Lipe moved, J. Thompson seconded, and the motion carried.

ANNOUNCEMENTS

- Chair Kjeseth attended the Area C meeting of the State Academic Senate. The Senate continued a discussion of the resolution from last spring concerning content review. It appears that the state is moving in a postive direction and prerequisites will be justified by simply conducting content review. Statistical research justifying communication and computational prerequisites will no longer be necessary.
- The State Academic Senate is attempting to define what is actually meant by content review.
- El Camino is already in line with what is expected at the state level.
- The six-year review cycle worksheets will be discussed at the November 24th meeting.
- Chair Kjeseth informed the committee that the dates for CurricUNET training have not yet been determined.
- The final standard review committee meeting is scheduled for Wednesday, November 12th.

ADJOURNMENT
Chair Kjeseth asked for a motion to adjourn the meeting. V. Lloyd moved, A. Himsel seconded, and the motion carried. The meeting was adjourned at 4:01 p.m.

EL CAMINO COLLEGE
COLLEGE CURRICULUM COMMITTEE

Proposed Curriculum Changes
November 10, 2009

BEHAVIORAL AND SOCIAL SCIENCES DIVISION

CHANGE IN DISCIPLINE

1. Child Development 150 – Survey of Children with Special Needs
   Current Status/Proposed Change
   Child Development/Early Childhood Education/Nursing/Special Education

   Recommendation:
   Child Development/Early Childhood Education/Nursing/Special Education

2. Child Development 152 – Disabilities in the Developing Child
   Current Status/Proposed Change
   Child Development/Early Childhood Education/Nursing/Special Education

   Recommendation:
   Child Development/Early Childhood Education/Nursing/Special Education

3. Child Development 154 – Role and Responsibilities of the Special Education Assistant
   Current Status/Proposed Change
   Child Development/Early Childhood Education/Nursing/Special Education

   Recommendation:
   Child Development/Early Childhood Education/Nursing/Special Education

4. Child Development 160 – Working with Children: Autism Spectrum Disorders
   *Current Status/Proposed Change*Child Development/Early Childhood Education/Nursing/
   Health Care Ancillaries/Special Education

   Recommendation:
   Child Development/Early Childhood Education/Nursing/Health Care
   Ancillaries/Special Education

5. Child Development 163 – Working with Children: Attention Deficit Disorders
   Current Status/Proposed Change
   Child Development/Early Childhood Education/Nursing/Health Care
    Ancillaries/Special Education

   Recommendation:
   Child Development/Early Childhood Education/Nursing/Health Care
    Ancillaries/Special Education

6. Child Development 166 – Working with Children: Physical Disabilities/Health
   Impairments
   Current Status/Proposed Change
   Child Development/Early Childhood Education/Nursing/Health Care
   Ancillaries/<u>Special Education</u>

   Recommendation:
   Child Development/Early Childhood Education/Nursing/Health Care
    Ancillaries/Special Education

FINE ARTS DIVISION

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION, DISTANCE EDUCATION UPDATE

1. Art 2 – History of Western Art – Prehistoric Gothic
   Current Status/Proposed Change
   This course surveys the history of Western art from <u>the</u> prehistoric <u>era</u> through <u>the</u> Gothic
   period~~s~~ with an emphasis on painting, sculpture, and architecture. Key artworks are
   studied in relation to historical and cultural contexts that consider the ~~casual~~ effects of
   shifting social, political, philosophical, and spiritual paradigms on the production of art.

   Recommendation:
   This course surveys the history of Western art from the prehistoric era through the Gothic
   period~~s~~ with an emphasis on painting, sculpture, and architecture. Key artworks are
   studied in relation to historical and cultural contexts that consider the effects of shifting
   social, political, philosophical, and spiritual paradigms on the production of art.

COURSE REVIEW

1. Art 89abcd – Silkscreen/Lithography

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. Art 3 – History of Western Art – Proto-Renaissance to 19th Century
   Current Status/Proposed Change
   ~~A study of~~ <u>This course surveys</u> the history~~,~~ <u>and</u> development~~, and evolution~~ of <u>Western</u>
   painting, sculpture, <u>and</u> architecture~~, and relate art forms~~ in ~~Western culture and their~~
   ~~integration with~~ <u>relation to</u> changing social, political, religious, and philosophical
   conditions from the 14th through the 18th centuries. This course, the second in a series of
   three on the history of Western art, focuses on the Proto-Renaissance ~~(1300-1400)~~,
   Renaissance ~~(1400-1525)~~, Mannerism ~~(1525-1600)~~, and Baroque ~~(1600-1750)~~ periods in
   Italy, Spain, Flanders, The Netherlands, France, England, ~~and~~ Germany <u>and the New</u>
   <u>World.</u>

Recommendation:
This course surveys the history and development of Western painting, sculpture, and architecture in relation to changing social, political, religious, and philosophical conditions from the 14th through the 18th centuries. This course, the second in a series of three on the history of Western art, focuses on the Proto-Renaissance, Renaissance, Mannerism, and Baroque periods in Italy, Spain, Flanders, The Netherlands, France, England, Germany and the New World.

2. Art 4 – History of Western Art – 19th Century to Contemporary Times
Current Status/Proposed Change
This course is a survey of the history, development, and evolution of painting, sculpture, architecture, photography, and related art forms of the 19th, 20th, and 21st centuries. Artworks, art movements, and art styles are studied in relation to relevant social, political, philosophical, and technological factors, and the accelerating changes that characterize the modern era. Students are introduced to fundamental methods of analysis that will assist them in understanding art and aesthetic human activities.

Recommendation:
This course is a survey of the history, development, and evolution of painting, sculpture, architecture, photography, and related art forms of the 19th, 20th, and 21st centuries. Artworks, art movements, and art styles are studied in relation to relevant social, political, philosophical, and technological factors, and the accelerating changes that characterize the modern era. Students are introduced to fundamental methods of analysis that will assist them in understanding art and aesthetic human activities.

3. Art 145abcd – Multimedia Design
Current Status/Proposed Change
This course is designed to enable the student to create two-dimensional animation and interactive multimedia for the World Wide Web. ~~Hands-on e~~Exercises lead students through screen and interface design, principles of animation, typography, digital imaging, digital sound, and digital video. ~~Various examples of web animation and online interactive media will be discussed. Assignments result in the creation of original Web animations that include interactivity.~~

Recommendation:
This course is designed to enable the student to create two-dimensional animation and interactive multimedia for the World Wide Web. Exercises lead students through screen and interface design, principles of animation, typography, digital imaging, digital sound, and digital video.

4. Music 7 – Exploring Music in Education
Current Status/Proposed Change
This course is designed ~~to introduce music to~~ for students interested in elementary school education. It ~~will be~~ comprised ~~of~~ the fundamentals of music, singing, and playing the recorder, as well as rhythm and accompanying instruments. Also included ~~will be~~ are music listening skills and an introduction to music of different cultures and styles. Students will attend selected ~~musical events offered by the~~ performances. ~~El Camino College Center for the Arts~~ and in the community.

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Recommendation:
This course is designed for students interested in elementary school education. It comprise the fundamentals of music, singing, and playing the recorder, as well as rhythm and accompanying instruments. Also included are music listening skills and an introduction to music of different cultures and styles. Students will attend selected performances.

5. Music 81B – Electronic Music Studio
Current Status/Proposed Change
This course is a continuation of Music 81A. It further explores the use of <u>audio recording processes,</u> synthesizers, computer ~~programs~~ <u>hardware</u> and <u>software, and</u> recording equipment.

Recommendation:
This course is a continuation of Music 81A. It further explores the use of audio recording processes, synthesizers, computer hardware and software, and recording equipment.

COURSE REVIEW; CHANGES IN TRANSFER STATUS, CATALOG DESCRIPTION

1. Art 143abcd – Digital Design and Publishing
Current Status/Proposed Change
<u>Proposed Transfer UC</u>
This course is an introduction to the use of the computer in producing visuals and designs for print media. <u>Emphasis is placed on multi-page publications such as brochures, books, and magazines.</u> Areas covered include hands-on experience with desktop publishing software, ~~scanning, and printing. Emphasis is placed on art and design concepts of visual organization and effective communication~~ <u>color, file management, integrating type and images, and printing techniques</u>.

Recommendation:
Proposed Transfer UC
This course is an introduction to the use of the computer in producing visuals and designs for print media. Emphasis is placed on multi-page publications such as brochures, books, and magazines. Areas covered include hands-on experience with desktop publishing software, color, file management, integrating type and images, and printing techniques.

2. Art 144abcd – Three-Dimensional Computer Animation
Current Status/Proposed Change
<u>Proposed Transfer UC</u>
This course is an introduction to three-dimensional animation concepts and skills using the computer. Students will receive hands-on experience with <u>three-dimensional</u> animation software~~, digitizing images, and three-dimensional output to video. Emphasis is placed on art and design concepts of expression and communication~~ <u>and will create animations for visual effects, computer games, or short animation projects</u>.

Recommendation:
Proposed Transfer UC
This course is an introduction to three-dimensional animation concepts and skills using the computer. Students will receive hands-on experience with three-dimensional animation software and will create animations for visual effects, computer games, or short animation projects.

3 Art 146abcd – Designing for the World Wide Web
Current Status/Proposed Change
Proposed Transfer UC
In ~~T~~this course, ~~will focus on applying art and~~ students design ~~concepts to designing for the World Wide Web~~ and create websites through hands-on experience with graphics software. Topics covered ~~will~~ include~~: a history and survey of~~ the ~~internet; analysis of selected Web sites;~~ effective use of topography, images, ~~animation~~ and ~~sound in Web design; flow-charting, story boarding,~~ layout, organizing content, and designing an effective interface. Technical issues such as file formats, compression, testing, and debugging will also be covered. ~~Students will have hand-on experience with graphics software, Hypertext Mark Up Language (HTML) and Web authoring software to produce their own Web page.~~

Recommendation:
Proposed Transfer UC
In this course, students design and create websites through hands-on experience with graphics software. Topics covered include the effective use of topography, images, and layout, organizing content, and designing an effective interface. Technical issues such as file formats, compression, testing, and debugging will also be covered.

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

1. Theatre 22ab – Acting Shakespeare
Current Status/Proposed Change
Prerequisite: Theatre 8 or 14A with a minimum grade of C ~~in prerequisite~~ or equivalent

Recommendation:
Prerequisite: Theatre 8 or 14A with a minimum grade of C or equivalent

HEALTH SCIENCES AND ATHLETICS DIVISION

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

1. Nursing 103 – Nurse Assistant
Current Status/Proposed Change
Prerequisite: Physical examination including a negative tuberculin skin test during the class session or a clear chest x-ray within one year of class session
Recommended Preparation: English 84 and Mathematics 12

This course prepares the student to function as an entry-level worker on a health care team in a long-term care facility. The ~~F~~focus ~~will be~~ is on preparing the student to provide direct care to the patient/resident; to promote comfort measures; and collect, record and report data to licensed personnel. Principles of critical thinking, team building, ethics, caring and cultural sensitivity are integrated throughout the course. ~~The student will be eligible for certification by the State of California as a nurse assistant upon satisfactory completion of this course and the State Competency Evaluation.~~

Recommendation:
Prerequisite: Physical examination including a negative tuberculin skin test during the class session or a clear chest x-ray within one year of class session
Recommended Preparation: English 84 and Mathematics 12
This course prepares the student to function as an entry-level worker on a health care team in a long-term care facility. The focus is on preparing the student to provide direct care to the patient/resident; to promote comfort measures; and collect, record and report data to licensed personnel. Principles of critical thinking, team building, ethics, caring and cultural sensitivity are integrated throughout the course.

2. Nursing 104 – Home Health Aide
Current Status/Proposed Change
Enrollment Limitation: Nurse Assistant Certificate required
Prerequisite: Physical examination including a negative tuberculin skin test during the class session or a clear chest x-ray within one year of class session. Current American Heart Association Cardiopulmonary Resuscitation (CPR) card.
Recommended Preparation: English 84 and Mathematics 12
This course prepares the Certified Nurse Assistant (CNA) to apply for certification as a Home Health Aide. The student will be prepared to function as an entry-level ~~worker~~ Home Health Aide on a health care team in a home health agency. The focus will be on providing direct and supportive care to the client~~,~~; promoting comfort measures~~,~~; and collecting, recording, and reporting data in the home care setting. Principles of critical thinking, team building, ethics, caring and cultural sensitivity are integrated throughout the course. Upon completion of this course the student will be eligible for certification by the State of California as a Home Health Aide.

Recommendation:
Enrollment Limitation: Nurse Assistant Certificate required
Prerequisite: Physical examination including a negative tuberculin skin test during the class session or a clear chest x-ray within one year of class session. Current American Heart Association Cardiopulmonary Resuscitation (CPR) card.
Recommended Preparation: English 84 and Mathematics 12
This course prepares the Certified Nurse Assistant (CNA) to apply for certification as a Home Health Aide. The student will be prepared to function as an entry-level Home Health Aide on a health care team in a home health agency. The focus will be on providing direct and supportive care to the client; promoting comfort measures; and collecting, recording, and reporting data in the home care setting. Principles of critical thinking, team building, ethics, caring and cultural sensitivity are integrated throughout the course. Upon completion of this course the student will be eligible for certification by the State of California as a Home Health Aide.

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

1. Physical Education 243abcd – Swimming, Water Safety Instructor
   Current Status/Proposed Change
   Recommended Preparation: English 84
   Enrollment Limitation: American Red Cross ~~M~~mandates – Level ~~5~~ 4 ~~S~~swimming ~~A~~ability and minimum age of ~~17~~ 16 years at start of course

   Recommendation:
   Recommended Preparation: English 84
   Enrollment Limitation: American Red Cross mandates – Level 4 swimming ability and minimum age of 16 years at start of course

COURSE REVIEW

1. Nursing 118 – Respite Care for Children and Adolescents

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. Physical Education 242abcd – Swimming, Lifeguard Training
   Current Status/Proposed Change
   This course follows the American Red Cross (ARC) Lifeguard Training program and provides the opportunity for certification ~~as a~~ in Red Cross Lifeguard, Waterfront Lifeguard, ~~Head~~ Lifeguard Management, First Aid, and Cardiopulmonary Resuscitation (CPR) for the ~~P~~professional ~~R~~rescuer. Emphasis is placed on personal safety, professional conduct, injury prevention, emergency preparation, public interaction, and rescue techniques for pool and non-surf open water environments. ~~First aid i~~Instruction with certification is also incorporated into the course for automated external defibrillation (AED) and oxygen administration.

   Recommendation:
   This course follows the American Red Cross (ARC) Lifeguard Training program and provides the opportunity for certification in Red Cross Lifeguard, Waterfront Lifeguard, Lifeguard Management, First Aid, and Cardiopulmonary Resuscitation (CPR) for the professional rescuer. Emphasis is placed on personal safety, professional conduct, injury prevention, emergency preparation, public interaction, and rescue techniques for pool and non-surf open water environments. Instruction with certification is also incorporated into the course for automated external defibrillation (AED) and oxygen administration.

2. Radiologic Technology 328 – Clinical Experience 7
   Current Status/Proposed Change
   This course continues ~~with~~ the development of clinical skills in ~~the art of~~ radiography with ~~special~~ emphasis in "specialized radiography and new modalities." Advanced clinical practice experiences are designed to provide competent performance of radiologic imaging, using sequential development, critical analysis, ~~integrations, synthesis, application~~ and evaluation ~~of concepts and theories~~ in the performance of radiologic procedures and patient

assessment and care. Students perform independently with appropriate supervision to assess their skills for employability. This course also reviews the entire radiologic technology curriculum, following the American Registry of Radiologic Technologists (ARRT) examination outline, to prepares the students for State and National Certification Eexaminations.

Recommendation:
This course continues the development of clinical skills in radiography with emphasis in specialized radiography and new modalities.   Advanced clinical practice experiences are designed to provide competent performance of radiologic imaging, using sequential development, critical analysis, and evaluation in the performance of radiologic procedures and patient assessment and care. Students perform independently with appropriate supervision to assess their skills for employability. This course also reviews the entire radiologic technology curriculum, following the American Registry of Radiologic Technologists (ARRT) examination outline, to prepare the students for State and National Certification examinations.

COURSE REVIEW; CHANGES IN DESCRIPTIVE TITLE, CATALOG DESCRIPTION

Current Status/Proposed Change
1. Physical Education 285abcd – Continuing Fitness, and Nutrition, and Weight Management Programs
This course provides continued guidance and training in the development and monitoring of personal individualized exercise prescriptions training and basic nutrition with emphasis on further development of physical fitness and weight management. programs. Individual consultations, The course includes fitness and nutrition reassessments,; a sustained training program conducted in the campus Fitness Training Center, and guided independent projects will aid the student in optimizing individual consultations with the instructor; development of revised exercise prescriptions and dietary regimens. A 3-hour orientation will explain course procedures and requirements and provide guidance in establishing the initial supervised comprehensive exercise training program.

Recommendation:
Physical Education 285abcd – Continuing Fitness, Nutrition, and Weight Management Programs
This course provides continued guidance in individualized exercise training and basic nutrition with emphasis on further development of physical fitness and weight management. The course includes fitness and nutrition reassessments; individual consultations with the instructor; development of revised exercise prescriptions and dietary and supervised comprehensive exercise training.

Current Status/Proposed Change
1. Radiologic Technology 255 – Advanced Imaging/and Special Procedures
Current Status/Proposed Change
This course is designed for the advanced radiography student. Emphasis is on anatomy, pathology, positioning and patient care for "specialized radiographic procedures" and "newer imaging modalities." Patient care, positioning, anatomy, and radiation

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~~health/safety are accented~~. An in-depth exploration of digital imaging with review of fluoroscopy and radiation safety are also covered.

Recommendation:
Radiologic Technology 255 – Advanced Imaging and Special Procedures
This course is designed for the advanced radiography student. Emphasis is on anatomy, pathology, positioning and patient care for specialized radiographic procedures and newer imaging modalities. An in-depth exploration of digital imaging with review of fluoroscopy and radiation safety principles are also covered.

INDUSTRY AND TECHNOLOGY DIVISION

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. Administration of Justice 134 – Introduction to Crime Analysis
   Current Status/Proposed Change
   This course is designed to acquaint the student with the techniques necessary to develop basic crime analysis skills needed in today's law enforcement environment. ~~Specifically, it~~ Students will ~~enable them to~~ analyze data and transform their ~~analysis~~ analyses into ~~a~~ specific and proactive plan**s** to combat ~~a variety of~~ crime- related problems. The course ~~will especially benefit those~~ prepares law enforcement professionals, both sworn and civilian, who are integrally involved in ~~a~~ community- based policing program**s**, ~~focused on responding~~ which respond to a ~~local~~ community's quality-of-life issues.

   Recommendation:
   This course is designed to acquaint the student with the techniques necessary to develop basic crime analysis skills needed in today's law enforcement environment. Students will analyze data and transform their analyses into specific and proactive plans to combat crime-related problems. The course prepares law enforcement professionals, both sworn and civilian, who are integrally involved in community- based policing programs, which respond to a community's quality-of-life issues.

2. Administration of Justice 135 – Report Writing
   Current Status/Proposed Change
   In ~~T~~this course~~, presents~~ students ~~with techniques in report writing and~~ develop the ability to observe, record, ~~keeping which aid the police officer in making a permanent~~ and ~~coherent record of~~ document facts, ~~to be used in criminal prosecutions and administrative procedures~~ from which a police or criminal justice report could be written. Facts presented are based on simulated crimes that include crime scenes with evidence and witness statements. Students complete a variety of law enforcement report forms construct police report narratives, using proper spelling, grammar and sentence structure, and in a manner that satisfies typical requirements for a criminal investigation or prosecution.

   Recommendation:
   In this course, students develop the ability to observe, record, and document facts, from which a police or criminal justice report could be written. Facts presented are based on simulated crimes that include crime scenes with evidence and witness statements. Students complete a variety of law enforcement report forms construct police report narratives,

using proper spelling, grammar and sentence structure, and in a manner that satisfies typical requirements for a criminal investigation or prosecution.

3. Automotive Collision Repair/Painting 1B – Collision Repair Equipment and Welding Techniques
    Current Status/Proposed Change
    The course provides instruction on collision repair equipment and welding techniques involving: safety practices, ~~arc and~~ Metal Inert Gas (MIG) welding, ~~resistance welding,~~ vehicle collision analysis and theory, hydraulic jacks, collision repair equipment~~,~~ and body component alignment principles.
    Note: Two-course sequence Automotive Collision Repair/Painting 1A and 1B <u>is the</u> same as <u>four semesters of</u> Automotive Collision Repair/Painting 4abcd.

    Recommendation:
    The course provides instruction on collision repair equipment and welding techniques involving safety practices, Metal Inert Gas (MIG) welding, vehicle collision analysis and theory, hydraulic jacks, collision repair equipment and body component alignment principles.
    Note: Two-course sequence Automotive Collision Repair/Painting 1A and 1B is the same as four semesters of Automotive Collision Repair/Painting 4abcd.

4. Automotive Collision Repair/Painting 1C – Major Collision Analysis and Repair
    Current Status/Proposed Change
    ~~The~~ <u>This</u> course provides instruction on major collision analysis and repair involving~~:~~ safety practices, major collision repair, sectioning, suspensions, front end alignment, estimating and electric welding.

    Recommendation:
    This course provides instruction on major collision analysis and repair involving safety practices, major collision repair, sectioning, suspensions, front end alignment, estimating and electric welding.

5. Automotive Collision Repair/Painting 1D – Automotive Component Systems Analysis and Repair
    Current Status/Proposed Change
    ~~The~~ <u>This</u> course provides instruction on the principles of ~~A~~<u>a</u>utomotive ~~C~~<u>c</u>ollision ~~R~~<u>r</u>epair <u>and</u> ~~P~~<u>p</u>ainting involving~~:~~ safety practices, window glass, plastics, vinyl tops, electric circuits, cooling systems, air conditioning, upholstery and electric welding.

    Recommendation:
    This course provides instruction on the principles of automotive collision repair and painting involving safety practices, window glass, plastics, vinyl tops, electric circuits, cooling systems, air conditioning, upholstery and electric welding.

COURSE REVIEW; CHANGES IN TRANSFER STATUS, CATALOG DESCRIPTION

1. Computer Aided Design/Drafting 5 – Introduction to Mechanical Drafting
   Current Status/Proposed Change
   Proposed Transfer UC
   This introduction to mechanical drafting covers the basics of creating a~~a~~ technical drawing<u>s</u>
   using ~~both~~ <u>traditional manual</u> drafting instruments and <u>sketching and</u> ~~c~~<u>C</u>omputer ~~a~~<u>A</u>ided
   Design/~~d~~<u>D</u>rafting <u>(CADD)</u> ~~systems. The areas covered in this course~~ <u>using AutoCAD</u>
   <u>software.</u> Topics include<u>:</u> lettering, <u>sketching multiview drawings,</u> geometric construction,
   ~~dimensioning, freehand sketching,~~ <u>computer and</u> orthographic <u>CADD,</u> ~~projection, pictorial~~
   ~~drawing, primary auxiliary views, sections and working~~ <u>Two Dimensional (2D) and basic</u>
   <u>Three Dimensional (3D) computer</u> drawings<u>, threads and fasteners and working and</u>
   <u>assembly drawings using CADD software</u>.

   Recommendation:
   Proposed Transfer UC
   This introduction to mechanical drafting covers the basics of creating technical drawings
   using traditional manual drafting instruments and sketching and Computer Aided
   Design/Drafting (CADD) using AutoCAD software. Topics include lettering, sketching
   multiview drawings, geometric construction, computer and orthographic CADD, Two
   Dimensional (2D) and basic Three Dimensional (3D) computer drawings, threads and
   fasteners and working and assembly drawings using CADD software.

COURSE REVIEW

1. Automotive Collision Repair/Painting 3A – Introduction to Automotive Collision
   Estimating

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

1. Automotive Collision Repair/Painting 2B – Automotive Refinishing Materials and
   Equipment
   Current Status/Proposed Change
   Prerequisite: Automotive Collision Repair/Painting 1A or 2A or one semester of 4abcd or
   5abcd with a minimum grade of C in <u>each</u> prerequisite <u>course</u> or equivalent
   This course provides instruction on the principles of automotive refinishing involving
   safety practices and equipment, air supply equipment, refinishing spray booth, spray
   equipment, undercoat materials, solvents, top coat color systems, and paint application
   procedures.
   Note: The two-course sequence Automotive Collision Repair/Painting 2A and 2B is the
   same as Automotive Collision Repair/Painting 5abcd.

   Recommendation:
   Prerequisite: Automotive Collision Repair/Painting 1A or 2A or one semester of 4abcd or
   5abcd with a minimum grade of C in each prerequisite course or equivalent

This course provides instruction on the principles of automotive refinishing involving safety practices and equipment, air supply equipment, refinishing spray booth, spray equipment, undercoat materials, solvents, topcoat color systems, and paint application procedures.

Note: The two-course sequence Automotive Collision Repair/Painting 2A and 2B is the same as Automotive Collision Repair/Painting 5abcd.

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

1. Automotive Collision Repair/Painting 2C – Automotive Refinishing Applications
   Current Status/Proposed Change
   Prerequisite: Automotive Collision Repair/Painting 1A or 2A or one semester of 4abcd or 5abcd with a minimum grade of C in <u>each</u> prerequisite <u>course</u> or equivalent

   Recommendation:
   Prerequisite: Automotive Collision Repair/Painting 1A or 2A or one semester of 4abcd or 5abcd with a minimum grade of C in each prerequisite course or equivalent

MATHEMATICAL SCIENCES DIVISION

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. Mathematics 180 – Precalculus
   Current Status/Proposed Change
   This course ~~includes a study of algebraic,~~ <u>is a preparation for calculus. Topics of study include polynomial, rational,</u> exponential, logarithmic, and trigonometric functions~~;~~ <u>as well as their inverses.</u> ~~an introduction to the algebra of m~~<u>M</u>atrices~~; sequences~~ and ~~series; an introduction to~~ analytic geometry~~; and~~ <u>are introduced, as well as sequences and series. The</u> application~~s~~ <u>of these topics is stressed to enhance conceptual understanding of the material</u>.

   Recommendation:
   This course is a preparation for calculus. Topics of study include polynomial, rational, exponential, logarithmic, and trigonometric functions as well as their inverses. Matrices and analytic geometry are introduced, as well as sequences and series. The application of these topics is stressed to enhance conceptual understanding of the material.