



Curriculum and Instruction Council Report

Academic Senate

DATE: October 8, 2015

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1. Committees
 - a. Continuing Education - Minutes: None
 - b. Distance Learning - Minutes:
 - c. Educational Design - Minutes: September 15, 2015 and September 22, 2015
 - d. Educational Design Sub-Committee for General Education and Transfer Issues - Minutes: None
 - e. Equivalencies - Minutes:
 - f. Outcomes - Minutes: September 1, 2015
 2. Curriculum & Instruction Council Information Items:
 - a. EDC Purpose, Function, Membership – No changes were made to purpose or function. See attached.
 - b. Four Year Review and Outcomes Assessment (AP 4020 Implementation). See attached
 - c. New Fee-Based Course Offerings: The following fee-based offerings/programs will be offered through the Continuing Education Division beginning in the Summer 2015 semester/intersession. They were sent to the Board of Trustees for approval in Summer 2015. See Attached
 - i. Beginning Blackjack!
 3. Curriculum and Instruction Council Action Items:
 - a. Noncredit SSSP Plan: Attached as an Action Item
 - b. Computed Tomography Certificate: Attached as an Action Item
 - c. C&I Purpose, Function, Membership – Attached as an Action Item
 1. Consent Agenda: 4 –year review
 - a. CHEM 51 General Chemistry II
 - b. READ 100 Analysis and Critical Reading
 - c. BIOL 21 Marine Biology Laboratory
 - d. FASH 21 Patternmaking I
 - e. AGOR 73 Landscaping Laws, Contracting, and Estimating
 - f. ARTG 21B Intermediate Exhibition Production
 - g. ARTG 22A Exhibition Design and Art Gallery Operations
 - h. ARTS 99 Sculpture Special Studies
 - i. LERN 49 Math Skills Review
 - j. MATH 50 Pre-Algebra
 2. Consent Agenda: Modified Courses
 - a. ADJU 5 Community Relations
 - b. ADJU 59 Gangs and Corrections
 - c. ADJU 74 Vice Control
 - d. FIRE 100 Company Officer 2C: Fire Inspections and Investigations for Company Officers
 - e. NF 25 Introduction to Nutrition Science

- f. NF 25H Introduction to Nutrition Science – Honors
 - g. PSYC 15 Introduction to Child Psychology
 - h. FASH 25 Fashion for Computer Assisted Drawing
 - i. BS LRN06 Personal Computer Applications
3. Consent Agenda: New Credit Courses: The Courses below were all created to be part of the Computed Tomography Certificate.
- a. CHEM 51H General Chemistry II – Honors: Kinetics, equilibrium, thermodynamics, acid-base and oxidation-reduction reactions, transition metals, electrochemistry, and nuclear chemistry. Emphasis is on critical thinking and mathematical problem-solving. Laboratory experiments support lecture topics and use a variety of instrumentation and technology in data acquisition and analysis. An honors course designed to provide an enriched experience. Students may not receive credit for both CHEM 51 and CHEM 51H.
 - b. RAD 70 Computed Tomography Sectional Anatomy and Pathology: Detailed study of gross anatomical structures will be conducted systematically for location, relationship to other structures, function, and common pathologic conditions. Anatomical structures are located and identified in axial (transverse), sagittal, coronal and orthogonal (oblique) planes with a focus on the characteristic appearance of each anatomical structure and pathology as it appears on Computed Tomography images.
 - c. RAD 71 Computed Tomography Procedures and Patient Care: Procedures for Computed Tomography (CT) imaging of adults and pediatric patients. Procedures include, but are not limited to, indications for procedure, patient care and safety, positioning, contrast media usage, patient assessment, scout image, selectable scan parameters and archiving of the images. CT procedures will be taught for differentiation of specific structures, patient symptomology and pathology. CT images studied will be reviewed for quality, anatomy and pathology.
 - d. RAD 72 Computed Tomography Physics and Instrumentation: Physical principles and instrumentation involved in Computed Tomography (CT). Physics topics covered include x-radiation in forming the CT image, CT beam attenuation, linear attenuation coefficients, tissue characteristics and Hounsfield numbers application. CT system and operations, the CT process, image quality, and radiation protection practices for the CT patient will be covered.
 - e. RAD 7A Computed Tomography Clinical Experience 7A: Computed Tomography clinical experience in the radiology department of affiliated clinical sites under the supervision of a registered Radiologic Technologist, supervisor or physician. Emphasis on Computed Tomography procedures of the head, neck, spine, musculoskeletal, chest, abdomen, pelvis, and special procedures. Image display, post processing and quality assurance is included. Intended for students enrolled in Computed Tomography Certificate Program. Health physical, background check, drug test, and CPR certification is required. Prior to enrolling in this course, student must possess a valid California Certified Radiologic Technologist (CRT) license and be certified and registered by the American Registry of Radiologic Technologists (ARRT) in one of the following supporting disciplines: Radiologic Technology, Nuclear Medicine (or NMTCB), or Radiation Therapy.
 - f. RAD 7B Computed Tomography Clinical Experience 7B: Continued Computed Tomography clinical experience in the radiology department of affiliated clinical sites under the supervision of a registered Radiologic Technologist, supervisor or physician. Emphasis on Computed Tomography procedures of the head, neck, spine, musculoskeletal, chest, abdomen, pelvis, and special procedures. Image display, post processing and quality assurance is included. Intended for students enrolled in Computed Tomography Certificate Program. Health physical, background check, drug test, and CPR certification is required. Prior to enrolling in this course, student must possess a valid California Certified

Radiologic Technologist (CRT) license and be certified and registered by the American Registry of Radiologic Technologists (ARRT) in one of the following supporting disciplines: Radiologic Technology, Nuclear Medicine (or NMTCB), or Radiation Therapy.

4. Consent Agenda: New Noncredit Courses
 - a. BS ASVB2 ASVAB Preparation 2: Higher level concepts in math reasoning, science skills, and vocabulary found on the ASVAB (Armed Services Vocational Aptitude Battery)
 - b. BS HCM1 Transitional Math for Health Careers 1: Contextualized basic math to prepare for successful transition to health career programs including numeracy, fractions, decimals, unit conversion, ratios, and proportions to apply to dimensional analysis.
 - c. VOC EST51 Electrical and Tool Fundamentals: Electrical and tool(hand and power) fundamentals for low voltage systems used in residential, and commercial security, networks, and audio/video systems. Topics include tool fundamentals, DC/AC sources and components, solid-state devices, digital devices, and their application to low voltage systems.
 - d. VOC FDB1 Financial and Database Management 1: Short-term introduction to small business and database software to introduce elementary computer literacy. Data entry in small business accounting management software. Create customers, vendors, and basic transactions. Design simple databases and explore database objects including simple forms, reports, and queries.
 - e. VOC EST53 Residential/Office System Installations: Residential/office systems and their installations. Emphasis on security, audio/video systems, wiring and cable standards and the installation techniques required for such systems.
 - f. VOC FDB2 Financial and Database Management 2: Second course in basic computer literacy for small business and database software. Process uncomplicated sales tax, refunds, discounts, and credits using small business accounting software. Create classes and basic estimates using small business accounting software. Modify simple reports, queries, and forms using current database software.

SUBMISSION DATES

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New courses and modifications to courses are due on 31 May, 2016 for the 2017-18 catalog.

New courses and modifications to courses submitted between June 1, 2015 and May 31, 2016 are guaranteed to be prescreened and receive an EDC review by the end of Fall 2016 as long as the prescreen requests are addressed.

Degrees and certificates are due by May 31, 2016 for the 2017-18 catalog. Degrees and certificates will not be reviewed by EDC if they include courses that are 6 or more years old (for T5 compliance). Degrees and certificates submitted between June 1, 2015 and May 31, 2016 are guaranteed to receive an EDC review by the end of Fall 2016.

Modifications include changes to:

Course ID	Prerequisites, corequisites, and advisories
Course Title	Certificate, degrees, and majors
Catalog Description	General Education Requirements/ GE Status
Units and hours	Articulation
Repeatability	Instructional Type (Lecture, Lab, Lecture and Lab Combination, or Activity)
SAM Code changes	Top Code Changes

WebCMS Stage Information

Website: <http://webcms.mtsac.edu/webcms/>

Stage 1: Course Author

Stage 2: Department Chair review

Stage 3: Division Dean/Associate Dean review

Stage 4: Not active in WebCMS

Stage 5: Prescreen/pre-EDC review - results in course being forwarded to the EDC agenda or returned to Stage 1

Stage 6: post-EDC review – results in approval, approval with minor edits, pending (course will be returned to EDC consent agenda), or HOLD (requires a second EDC review)

Stage 7: Course is ready for implementation (new courses and modifications require Senate approval, BOT approval, and Chancellor's Office approval before they may be implemented)

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