Annual Report to the Academic Senate

From: The Committee on Undergraduate Programs

2012-2013

Preliminary Final Report (04/23/13)

Members: Antony Aumann, Douglas Black, James Drosen, Richard Eathorne, Christopher Kirk, John Lawrence, Elizabeth Monske (chair), Lesley Putnam, Kim Rotundo, Deanna Trella

The committee met 10 times (plus 3 without quorum) during the year, for approximately two hours each time; however, we also met for 4 hours for 1 session, and 3 hours for 1 session. Our meetings resulted in 3 reports (4, 14, and 144 pages) to the Academic Senate.

The following is an overview of the proposals approved by CUP, not including the items withdrawn by HPER for the Dance Minor. (A detailed list of proposals follows this summary).

* New Courses: 26 new courses were approved.
* Course Revisions: CUP approved revisions to 100 courses. These included changes in course titles, course numbers, course prerequisites, number of credits for a course, and credit hour distribution.
* Course Deletions: 20 course deletions were approved.
* New Programs: 2 new minors were approved and 1 certificate
* Program Revisions: CUP approved revisions to 27 majors, 6 minors, 4 associate degree programs, and 2 certificates.
* Program Deletions: 0
* Policy changes: 3 policy changes were approved by CUP.
* Notification of Suspended Programs: 1 major
* Other changes: 1 department name change.

All proposalswere subsequently approved by the Academic Senate and the Provost and VPAA.

Unfinished business that will be carried into the fall includes 4 proposals from Clinical Lab Sciences, Native American Studies, Nursing, Sociology and Social Work.

Respectfully submitted,

Elizabeth A. Monske, Chair

**NEW COURSES**

**College of Arts and Science**

BI 417 Comparative Neuroanatomy (4 cr.)

BC 480 Media and Politics (4 cr.)

CH 102 Elementary Chinese II (4 cr.)

CS 344 iOS/iPhone Programming (4 cr.)

EC 295 Special Topics (1-4 cr.)

GR 196X Study Abroad: Special Topics (1-4 cr.)

GR 296X Study Abroad: Special Topics (1-4 cr.)

GR 496X Study Abroad: Special Topics (1-4 cr.)

MA 370 Interest Theory (3 cr.)

MA 470 Financial Economics (3 cr.)

MA 471 Life Contingencies (3 cr.)   
 SP 320 New Media Literacy (4cr.)

**College of Professional Studies**

ATR 295 Special Topics (1-4 cr.)  
ATR 495 Special Topics (1-4 cr.)

ED 451 Seminar in Classroom Management (1 cr.)

ED 452 Seminar in Multicultural Education (1 cr.)

IT 010 Exit Seminar (0 cr.)

RE 173 Portable Pumps and Water Use (2 cr.)  
RE 174 Wildland Fire Chain Saws (2 cr.)   
RE 175 Basic Air Operations (1 cr.)  
RE 292 Wildland Fire Field Experience (2 cr.)  
RE 373 Interagency Incident Business Management (1 cr.)  
RE 374 Lessons Learned (2 cr.)  
RE 375 Followership to Leadership (2 cr.)  
RE 376 Advanced Firefighter (2 cr.)

**First Year Experience Program**

UN 102 Freshman Seminar II (1 cr.)

**COURSE REVISIONS**

**College of Arts and Science**

AD 111 Human Centered Design: Shelters: a. Change Name from Human Centered Design:   
 Shelters to *Human Centered Design: Visualization Techniques;* b.Change Course  
 Description   
AD 119 Introduction to Illustration: a. Change Course Description  
AD 134 Electronic Imaging: a. Change Name from Electronic Imaging: Introduction to  
 *Computer* Art: Introduction; b. Change Course Description  
AD 211 Human Centered Design: Social Goods: a. Change Name from Human Centered Design:   
 Social Goods to *Human Centered Design: Digital Visualization;* b. Change Course  
 Description  
AD 217 Color Photography: a. Change name from Color Photography to *Digital Photography*; b.  
 Change Course Description  
AD 219 Illustration Forms: a. Change Course Description   
AD 234 Electronic Imaging: Web Design: a. Change name from Electronic Imaging: Web  
 Design to *Computer Art: Motion*; b. Change Prerequisites; c. Change Course Description  
AD 270 Social Structures and Concepts: a. Change in Course Description   
AD 302 Media and Methodology for Art Education: a. Change in Prerequisites   
AD 310 Art for the Elementary Classroom Teacher: a. Change in Course Description  
AD 317 Alternative Photographic Practices: a. Change Course Description  
AD 319 Illustration: Seminar: a. Change Course Description  
AD 334 Electronic Imaging: 3D: a. Change name from Electronic Imaging: 3D to *Computer Art:  
 Integration;* b.Change Course Description  
AD 411 Human Centered Design: Design Research: a. Change Name from Human Centered   
 Design: Seminar to *Human Centered Design: Design Research*; b. Change Course   
 Description  
AD 417 Photography: Seminar; a. Change Name from Photography: Seminar to *Commercial   
 Studio Lighting*; b. Change Course Description  
AD 419 Illustration: Seminar: a. Change Course Description   
AD 434 Electronic Imaging: Seminar: a. Change Name from Electronic Imaging: Seminar to   
 *Computer Art: Seminar*; b. Change Course Description  
AD 456 Illustration: BFA Seminar: a. Change Course Description  
AD 467 Electronic Imaging: BFA Seminar: a. Change Name from Electronic Imaging: BFA   
 Seminar to *Computer Art: BFA Seminar*; b. Change Course Description

BC 310 Sports and Special Events Programming: a. Eliminate BC 165: Introduction to   
 Mass Media as a Prerequisite; b. Eliminate ESPR 260 Prerequisite; c. Add   
 Recommendation to take BC 272  
BC 415 Intercultural Communication: a. Eliminate BC 165 Introduction to   
 Mass Media as a Prerequisite; b. Eliminate SP 110 Interpersonal Communication  
 Prerequisite   
 BC 420 Global Communication: a. Eliminate BC 165: Introduction to   
 Mass Media as a Prerequisite   
BC 470 Mass Communication Law: a. Eliminate BC 165: Introduction to   
 Mass Media as a Prerequisite   
BC 471 Mass Communication and Society: a. Eliminate BC 165: Introduction to   
 Mass Media as a Prerequisite  
BC 491 Broadcast Practicum: a. Change from “letter graded” to “S/U”  
BC 492 Internship in Broadcasting: a. Change from “letter graded” to “S/U”

BI 412 Biometrics: a. Rename BI 412 Biometrics to *BI 412 Biostatistics*; b. Change Course  
 Description  
CH 493 Forensic Laboratory Internship: a. Renumber to CH 499 Forensic Laboratory Internship  
CS 101 Web Site Construction: a. Revise Course Description   
CS 120 Computer Science I: a. Revise Course Description  
CS 122 Computer Science II: a. Revise When Offered  
CS 222 Data Structures: a. Change Prerequisites Eliminate CS 122  
CS 228 Network Programming: a. Change Prerequisites Eliminate CS 122  
CS 322 Principles of Programing Languages: a. Revise Course Description  
CS 330 Microcomputer Architecture: a. Change Prerequisites to “CS 122 or instructor’s   
 permission”  
CS 422 Algorithms Design and Analysis: a. Revise Course Description  
CS 442 Advanced Networking: a. Revise Course Description  
CS 460 Advanced Web Programming: a. Revise Course Description   
CS 480 Senior Project in Computer Science: a. Revise Course Description  
EN 080 Reading and Writing: a. Revise Course Description  
EN 090 Basic Writing: a. Rename from Basic Writing to *Developmental Writing; b.* Revise  
 Course Description  
EN 109 Intensive College Composition: a. Revise Course Description  
EN 109W Intensive College Composition Workshop: a. Revise Course Description  
EN 111 College Composition I: a. Revise Course Description  
EN 211 College Composition II: a. Revise Course Description   
EN 217 Newspaper Writing and Reporting: a. Rename Course from Newspaper Writing  
 and Reporting to *News Writing and Reporting*

GC 260 Minerals and Rocks: Rename and renumber to *GC 376 Field Geology*  
GC 370 Geomorphology: a. Modify Prerequisites   
GC 465 Hydrology: a. Modify Prerequisites

GR 310 Introduction to German Culture and Civilization: a. Increase credit hours from 3 to 4  
MA 312 Abstract Algebra with Applications: a. Rename from Abstract Algebra with  
 Applications to *Abstract Algebra I*MA 331 Geometry I: a. Increase Credit Hours from 3 to 4; b. Rename from Geometry I to  
 *Geometry;* c. Revise Course Description  
MA 350 Methods and Materials in Teaching Senior High School Mathematics: a. Increase  
 Credit Hours from 3 to 4; b. Rename Methods and Materials in Teaching Senior   
 High School Mathematics to *Methods and Materials in Teaching Secondary School   
 Mathematics*  
MA 351 Methods and Materials in Teaching Elementary School Mathematics: a. Change  
 Prerequisites to “MA 250 and MA 231 with grades of “C” or better”  
MA 361 Differential Equations: a. Change Prerequisites to “MA 265 or consent of  
 instructor”MA 363 Advanced Calculus I: a. Rename Advanced Calculus I to *Analysis I*MA 371 Applied Probability and Statistics: a. Rename Applied Probability and Statistics to  
 *Probability*; b. Change Prerequisites to “MA 211 and MA 265 or consent of  
 instructor”   
MA 464 Advanced Calculus II: a. Rename Advanced Calculus II to *Analysis II; b.* Revise  
 Course DescriptionMA 472 Advanced Applied Statistics: a. Increase Credit Hours from 3 to 4MA 475 Intermediate Statistics: a. Rename Intermediate Statistics to *Statistics II*; b. Change  
 Prerequisites to “MA 371 and MA 472, or consent of instructor”; c. Increase Credit   
 Hours from 3 to 4; d. Revise Course Description  
MA 490 Senior Seminar: a. Increase Credit Hours from 1 to 3; b. Require for Mathematics  
 majors; c. Change Prerequisite to “MA 312 and Senior Standing, or consent of   
 Instructor”; d. Revise Course Description

SP 250 Research Methods and Careers in Communication Studies: a. Change Prerequisites  
 to “Completion of EN 111 with a grade of “C” or better and completion of SP 110   
 with a grade of “C-” or better.  
SP 310 Communication Theory: a. Add Prerequisite SP 250 Research Methods and   
 Careers in Communication Studies  
SP 404 Communication and the Arts: a. Change Prerequisite to “Junior Standing”   
SP 410 Advanced Interpersonal Communication a. Change Prerequisite to “Junior  
 Standing”  
SP 412 Nonverbal Communication: a. Change Prerequisite to “Junior Standing”   
SP 421 Organizational Communication: a. Delete SP 110: Interpersonal Communication   
 Prerequisite  
SP 422 Crisis Communication: a. Change Prerequisite to “Junior Standing”; b. Delete SP  
 110: Interpersonal Communication Prerequisite  
SP 425 Communication Ethics: a. Change Prerequisite to “Junior Standing”  
SP 480 Communication Capstone: a. Add Prerequisites “SP 310: Communication Theory   
 and registration for graduation, in addition to completion of 32 credits in the   
 major”

**College of Business**

MGT 341 Event Planning:a.Change Prerequisites from “MGT 240, admission into the   
 College of Business or instructor permission” to “Junior or Senior level or   
 instructor permission”

MGT 342 Event Management: a. Change Prerequisites from “MGT 240, admission into the  
 College of Business or instructor permission” to “MGT 240 and MGT 341, or instructor   
 permission

**College of Professional Studies**

AN 210 People, Nature, and Culture: Change name to AN 210: Ecological Anthropology: People, Nature, and Culture

ATR 320 Advanced Assessment Techniques in AT (Lower Quarter): a. Increase from 3 to 4  
 Credits; b. Revise Course Description   
ATR 321 Advanced Assessment Techniques in AT (Upper Quarter): a. Increase from 3 to 4  
 Credits; b. Revise Course Description  
ATR 360 Therapeutic Exercise and Rehabilitation Techniques: a. Increase from 3 to 4 Credits; b.   
 Revise Course Description  
ATR 410 Athletic Training Policies and Procedures: a. Change Name from Athletic Training  
 Policies and Procedures to *Athletic Healthcare Administration*; b. Revise Course   
 Description

DD 105 Schematic/Diagram Drafting: a. Change prerequisites and/or semester offered

ES 317 Anatomical Kinesiology: a. Increase from 2 to 3 Credits; b. Revise Course  
 Description  
ES 470 Psychological Aspects of Athletic Performance: a. Increase from 2 to 3 Credits; b.   
 Revise Course Description

ET 201Visual Programming for Technicians: a. Rename and Change Number from ET  
 201 Visual Programming for Technicians to *ET 321 Embedded Systems   
 Programming; b.* Change Prerequisites; c. Change Course Description   
ET 211 Digital Electronics: a. Change prerequisites and/or semester offered  
ET 270 3φ Power & Equipment: a. Change prerequisites and/or semester offered  
ET 420 Microcontroller Applications: a. Change prerequisites and/or semester offered  
ET 431 Senior Project I: a. Change prerequisites and/or semester offered  
ET 432 Senior Project II: a. Change prerequisites and/or semester offered  
ET 483 Studies in Business and Industry: a. Change Course Number for ET 483 to ET 491  
HL 230 Fitness Leadership: a. Change prerequisite to only HP 200  
HL/NU 386 Interdisciplinary Study in Global Healthcare – Honduras: a. Replace Honduras with  
 *Latin America*; b. Revise Course Description to Incorporate Change

IT 180 Introduction to Fluid Power: a. Change prerequisites and/or semester offered  
IT 215 Industrial Safety: a. Change prerequisites and/or semester offered  
IT 265 Total Productive Maintenance: a. Change prerequisites and/or semester offered  
MET 310 Mechanics-Dynamics: a. Increase Credits from 3 to 4   
MET 320 Mechanical Design: a. Change prerequisites and/or semester offered  
MET 410 Applied Thermodynamics: a. Change prerequisites and/or semester offered  
MET 431 Senior Project I: a. Change prerequisites and/or semester offered  
MET 432 Senior Project II: a. Change prerequisites and/or semester offered

RE 277 Introduction to Wild Land Firefighting: a. Rename and Renumber from RE 277  
 Introduction to Wild Land Firefighting to *RE 172 Introduction to Wildland   
 Firefighting*, b. Increase number of credits hours from 2 to 3  
RE 278 Intermediate Fire Behavior: a. Renumber and Rename from RE 278 Intermediate   
 Fire Behavior to *RE 272 Intermediate Wildland Fire Behavior*  
RE 377 Field Experience in Wild Land Firefighting: a. Rename and Renumber from RE  
 377 Field Experience in Wild Land Firefighting to *RE 372 Fire Crew*, b. Increase   
 number of credit hours from 2 to 3

**COURSE DELETIONS**

**Academic Information Systems**

AIS 296 Special Topics

AIS 330 Management and Use of Archival Information

AIS 491 Workshops and Seminars in Library and Information Science

AIS 496 Special Topics in Library and Information Science

**College of Arts and Science**

BC 325 Communication and Performance in Africa

GR 410 Advanced German Culture and Civilization

LG 399 Graduation Assessment for Language Minors

MA 354 Methods and Materials in Teaching Middle School Mathematics

MA 381 Integer Programming and Network Flows

MA 410 Mathematical Modeling

MA 462 Higher Mathematics for the Sciences

MA 478 Probability

**College of Professional Studies**

ED 222 Classroom Management

ED 223 Multicultural Education

ET 100 Introduction to Electricity

ET 281 Computer Systems Servicing

ET 282 Computer Software Systems

IT 380 Facility Planning

SW 421 Family Intervention in Social Work Practice

TE 100 Graphic Arts Printing

**NEW PROGRAMS**

**College of Arts and Science**

Minor--Actuarial Sciences: a. Require 22-23 cr., *MA 161 Calculus I (5cr.)*, *MA 163 Calculus (4   
 cr.),MA 370 Interest Theory (3 cr.)*, *MA 371 Probability (3 cr.)*, *MA 472 Statistics I (4  
 cr.)*, and *MA 470 Financial Economics, MA 471 Life Contingencies, or MA 475 Statistics   
 II (3-4 cr.)*

**College of Professional Studies**

New Minor--*Wildland Firefighting*: a. Require 23 Credits, 1. RE 172 Introduction to   
 Wildland Firefighting (3 cr.), 2. RE 173 Portable Pumps and Water Use (2 cr.), 3.   
 RE 174 Wildland Fire Chain Saws (2 cr.), 4. RE 175 Basic Air Operations (1 cr.), 5.   
 RE 272 Intermediate Fire Behavior (2 cr.), 5. RE 292 Wildland Fire Field   
 Experience (3 cr.), 6. RE 372 Fire Crew (3 cr.), 7. RE 373 Interagency Incident   
 Business Management (1 cr.), 8. RE 374 Lessons Learned (2 cr.), 9. RE 375   
 Followership to Leadership (2 cr.), 10. RE 376 Advanced Firefighter (2 cr.)   
New Certificate--*Wildland Firefighting*: a. Require 31 Credits Total, 1. RE 172 Introduction   
 to Wildland Firefighting (3 cr.), 2. RE 173 Portable Pumps and Water Use (2 cr.), 3.  
 RE 174 Wildland Fire Chain Saws (2 cr.), 4. RE 175 Basic Air Operations (1 cr.), 5.   
 RE 272 Intermediate Fire Behavior (2 cr.), 6. RE 292 Wildland Fire Field   
 Experience (3 cr.), 7. RE 372 Fire Crew (3 cr.), 8. RE 373 Interagency Incident  
 Business Management (1 cr.), 9. RE 374 Lessons Learned (2 cr.), 10. RE 375   
 Followership to Leadership (2 cr.), 11. RE 376 Advanced Firefighter (2 cr.); b.   
 Choose electives from the following for 8 Credits: BI 100 Biological Science (4 cr.),   
 BI 111 Introductory Biology: Principles (4 cr.), BI 112 Introductory Biology:   
 Diversity (4 cr.), BI 305 Ecology of the Northern Forest\* (3 cr.), GC 100 Physical   
 Geography (4 cr.), GC 225 Introduction to Maps\* (2 cr.), GC 385 Weather and  
 Climate\* (4 cr.), RE 352 Wilderness First Responder (3 cr.), RE 371 Protected Area  
 Management\* (3 cr.)

**PROGRAM REVISIONS**

**College of Arts and Science**

Art and Design BFA Requirements: Electronic Imaging: a. Rename Electronic Imaging to   
 *Computer Art*; b. Revise Curriculum to Incorporate Name Changes; c. Eliminate AD 218:   
 Graphic Communication: Typographical Systems as an Option under Specific   
 Requirements; d. Add CS 120: Computer Science I (4cr.) as a Specific Requirement; e.   
 Decrease Art and Design Electives from 20 to 16  
Art and Design BFA Requirements: Digital Cinema: a. Add AD 280: History of  
 Photography (4cr.) to General Requirements; b. Add AD 355: Twentieth Century   
 Art and Architecture (4cr.) to General Requirements; c. Add Statement “Required   
 as part of the art history electives” under General Requirements; d. Eliminate AD   
 234: Electronic Imaging: Web Design from Specific Requirements; e. Eliminate AD   
 334: Electronic Imaging: 3D from Specific Requirements; f. Revise Curriculum to   
 Incorporate Name Changes; g. Increase Art and Design Electives from 12 to 16; h.   
 Revise Statement “Students may substitute broadcasting, theater or music courses   
 with adviser approval” to *“Students may substitute film studies, broadcasting or   
 theater courses with adviser approval”*Art and DesignBFA Requirements: Graphic Communication: a. Eliminate AD 234: Electronic  
 Imagining: Web Design as an Option under Specific Requirements; b. Revise Curriculum   
 to Incorporate Name Changes; c. Increase Art and Design Electives from 16 to 20  
Art and Design BFA Requirements: Illustration: a. Revise Curriculum to Incorporate Name  
 Changes, b. Eliminate AD 334: Electronic Imaging: 3D as an Option under  
 Specific Requirements  
Art and Design BFA Requirements: Photography: a. Revise Curriculum to Incorporate  
 Name Changes   
Art and Design BFA Requirements: Human Centered Design: a. Revise Curriculum to   
 Incorporate Name Changes; b. Revise Specific Requirements, 1. Delete AD 122 or AD  
 123 or AD 124 (4cr.), 2. Delete AD 216 or AD 222 or AD 223 or AD224 (4cr.), 3. Add   
 *AD 122 Ceramics: Handbuilding Techniques or AD 222 Ceramics: Wheel Forms (4cr.),   
 4.* Add *AD 123 Jewelry/Metalsmithing or AD 223 Blacksmithing/Metalsmithing (4cr.)*, 5.   
 Add *AD 124 Woodworking: Joinery and Greenwood or AD 224 Woodworking: Turning   
 and Bending (4cr.),* 6. Delete Art and Design Electives (4cr.), 7. Delete Other Required   
 Courses (8cr.)  
Art and Design Associate’s Degree Curriculum (as Mandated by Higher Learning  
 Commission): a. Change Liberal Studies Requirements from 12 to 16; b. Add   
 *“Choose one course from the following Visual and Performing Arts Electives (4cr.):  
 AD 200, AD 230, AD 240, or AD 260*; c. Decrease Major Course Credits from 22 to   
 18; d. Eliminate “Choose One Course from the Following” (4cr.): AD 200, AD 230,   
 AD 240, AD 260, or AD 280

Art and Design Pre-Architecture Program: a. Add *DD 100: Technical Drafting* with *Introduction to CAD (4cr.)*; b. Add *AD 120: Drawing (4cr.)* to “Choose two courses   
 from the following list” (1st one); c. Add *AD 124: Woodworking: Joinery and   
 Greenwood (4cr*.) to “Choose two courses from the following list” (1st one); d. Delete  
 AD 260: Why America Looks This Way (4cr.) from “Choose two courses from the   
 following list” (2nd one); e. Add *AD 230: History of World Art I (4cr.)* to “Choose two   
 courses from the following list” (2nd one); f. Add *AD 365: History of Modern Design   
 (4cr.)* to “Choose two courses from the following list” (2nd one)

Biology Major—Ecology Emphasis: a. Add *BI 290: Fisheries and Wildlife Seminar; b.* Add *BI   
 314: Introduction to Marine Biology*; c. Add BI 466: Stream Ecology; d. Combine   
 “Behavioral , Population, and Community Ecology Elective” (4cr.) and “Ecosystems   
 Elective” (4cr.) into a New Group Named *“Advanced Ecology Electives”* (7-8cr.); e.   
 Change *“Advanced Ecology Electives”* from “Choose one” to “Choose two”; f. Revise   
 “Taxonomic and Organismal Electives” (6-8cr.) to *“Biology Electives”* (7-8cr.)   
Communications Major: a. Add SP 320: New Media Literacy as a Requirement; b. Delete  
 SP 300: Rhetorical Theory as a Requirement; c. Add BC 480: Media and Politics as   
 an Elective

Computer Science Major: a. Eliminate “Choose from the following: MA 171, MA 310, MA  
 380, MA 381, MA 410, MA 473”; b. Revise CIS, CS and MA Elective Credit Hours  
 from 8-9 to 8; c. Add Elective Credit Hours 11

Elementary Education French Minor: a. Add LG 250: Overview of Linguistics for  
 Language Educators

Elementary Education German Studies Minor: a. Replace “GR 310 and GR 410 or GR  
 311” to “GR 310 (4 cr.) or GR 311 (4 cr.); b. Eliminate LG 399: Graduation   
 Assessment for Language Minors (0 cr.)

Environmental Studies and Sustainability Major: a. Add GC 202 Soils as an Elective

Fisheries and Wildlife Major—Fisheries Track: a. Add *BI 215: Evolution (4cr.)*; b. Add *BI 466:   
 Stream Ecology (4cr.)*  
Fisheries and Wildlife Major—Botany Track: a. Change “Choose eight credits from the   
 following:” to *“Choose nine credits from the following:”*

Geomatics Major: a. Remove CIS 155: Software Development I (4cr.) from the Core; b.  
 Add CS 101: Website Construction (4cr.) to the Core; c. Add CIS 464: Database   
 Management Systems (4cr.) to the Electives; d. Add CS 440: Advanced Web   
 Programming (3cr.) to the Electives; e. Remove “Other Required Courses”

German Studies Major: a. Replace “GR 310 and GR 410 or GR 311” to “GR 310 (4cr.) or  
 GR 311 (4cr.); b. Add GR 496X to Electives under Each of the Three Areas of   
 Concentration; c. Rename Track 3 of the German Studies major from "Business  
 Orientation" to "*Business in German Culture*"

Math Major: A. Add MA 490: Senior Seminar (3 cr.) to Core Courses; B. Delete MA  
 Electives; C. Create Concentrations, i. *General Mathematics* (15 cr.) a. Add Two (or  
 more) of the following five courses. At least one must be at the 400 level. (6-7 cr.), 1.  
 MA 363 Analysis I, 2. MA 371 Probability, 3. MA 412 Abstract Algebra II, 4. MA  
 464 Analysis II, 5. MA 472 Statistics I, b. MA Electives (Select from MA 300-level   
 and MA 400-level courses; excludes MA 350 – 359 and MA 450 - 459.) (8-9 cr.)  
 ii. *Actuarial Science* (28 cr.), a. Add MA 370 Interest Theory (3 cr.), b. Add MA 371   
 Probability (3 cr.), c. Add MA 472 Statistics I (4 cr.), d. Add MA Electives (Select   
 from MA 300-level and MA 400-level courses; excludes MA 350 – 359 and MA 450 -   
 459.) (6 cr.), e. Add EC 201 Microeconomics Principles (4 cr.), f. Add EC 202   
 Macroeconomic Principles (4 cr.), g. Add FIN 351 Financial Management I (4 cr.)  
 iii. Delete CS 120A: Accelerated Computer Science (4 cr.)

Network Computing Major: a. Add “*and MA courses numbered 265 or higher except MA  
 271, MA 331, MA 484 and mathematics courses with middle digit ‘5’*” to Mathematics  
 Requirement; b. Eliminate AD 134 Electronic Imaging: Introduction (4 cr.); c.   
 Eliminate CIS 440 Management Information Systems (4 cr.); d. Add Elective Credit   
 Hours 10-14

Secondary Education German Minor: a. Replace “GR 310 and GR 410 or GR 311” to “GR  
 310 (4 cr.) or GR 311 (4 cr.); b. Eliminate LG 399: Graduation Assessment for   
 Language Minors (0 cr.)

Secondary Education History Major: a. Add HS 105: World History to Other Required  
 Courses

**College of Professional Studies**

Alternative Energies Minor: a. Delete ET 110: Introduction to Electricity (4 cr.); b. Delete  
 HV 270: Heating Systems II (4 cr.); c. Add Electives 8 Credits, 1. Choose from the   
 following: BI 111 (4 cr.), CH 105 (4 cr.), DD 105 (2 cr.), ET 101 (2 cr.), ET 110 (4   
 cr.), ET 112 (4 cr.), ET 113 (4 cr.), HV 270 (4 cr.), MKT 230 (4 cr.), ENV 101 (4 cr.),   
 MGT 216 (4 cr.)

Athletic Training Major: a. Revise ATR 320, ATR 321, and ATR 360 to Reflect Credit Change  
 from 3 to 4; b. Add ES 317; c. Add ES 470; d. Eliminate ES 417: Biomechanics (2cr.); e.   
 Eliminate ES 421: Physiology of Training for Sport (3cr.)

Computer Control Technician Certificate: a. Add IT 010 Exit Seminar

Computer Numerical Control Technology Certificate: a. Eliminate IS 100; b. Eliminate  
 General Electives Credits 10; c. Add IT 010 Exit Seminar (0 cr.)

Computer Numerical Control Technology Major: a. Eliminate Elective Credits 11; b.  
 Increase Liberal Studies Credit from 12 to 15; c. Increase Other Required Courses   
 from 19 to 28; d. Add IT 010 Exit Seminar (0 cr.) to Other Required Courses; e. Add   
 “or higher” to MA 100 Intermediate Algebra; f. a. Add IT 010 Exit Seminar  
Electronics Minor: a. Add ET 110 (4cr.) OR ET 112 (4cr.) and ET 113 (4cr.); b. Add “Any  
 200 level or higher ET course” under Electives 4-8 cr.; c. Delete “Choose from the | following:” and courses

Electrical Technology Electrical Power Technician Concentration: a. Delete CIS 110 (4 cr.); b.  
 Decrease Electrical Power Technician Electives from 20 to 17; c. Delete General  
 Electives  
Engineering Design Major: a. Reduce Liberal Studies Credits from 16 to 15; b. Increase  
 Major Courses from 19 to 20; c. Eliminate DD 102 (3 cr.) from Major Courses; d.   
 Move MF 233 from Other Required Courses to Major Courses; e. Increase Other   
 Required Courses Credits from 23 to 36; f. Eliminate General Elective Credits 4; g.   
 Add IT 010 Exit Seminar (0 cr.)

Electrical Technology: a. Add IT 010 Exit Seminar   
Industrial Technologies: a. Add IT 010 Exit Seminar

Liberal Arts: Sociology Concentration: Add SO 353 Globalization and Asian Societies (4 cr.)

Liberal Arts: Sociology Major: Add SO 353 Globalization and Asian Societies (4 cr.)

Management of Health and Fitness Major: a. Revise ES 317 to Reflect Credit Change from 2 to 3  
 Credits; b. Decrease HPER Elective Selected with Advisor Approval from 5 to 4 Credits

Mechanical Engineering Technology Major: a. Reduce Major Courses Credit from 34 to  
 31; b. Move DD 100 (4cr.) from the Major to Other Required Courses; c. Revise   
 MET 310; d. Reduce Concentration Credits from 15 to 14; e. Revise Choose 15   
 credits to 14 credits, Mechanical Engineering Design Concentration, Industrial   
 Electrical Technology Concentration, Industrial Technology Concentration, CNC   
 Technology Concentration; f. Eliminate DD 102 Engineering Graphics (3cr.) from   
 the Mechanical Engineering Design Concentration; g. Eliminate ET 201 Visual   
 Programming for Technicians (4cr.) from the Industrial Electrical Technology   
 Concentration; h. Add an Alternative Energies Concentration, 1. Choose 14 Credits   
 from the following: MET 200 Introduction to Alternative Energy (3 cr.), MET 230   
 Bioenergy (3cr.), ET 221 Solar Power (3 cr.), ET 222 Wind Power (3 cr.), Any DD,   
 ET, MET, or MF prefix course (1-4 cr.)

Secondary Education Industrial Technology: a. Add IT 010 Exit Seminar

Sports Science Major: a. Increase Credit Hours from 49 to 51; b. Add ES 317; c. Add ES 470; d.  
 Decrease Sports Science Cluster Minor from 24 to 22 Credits

**General University Studies**

Associate of Applied Science Degree: a. Increase Liberal Studies from 18-20; b. Decrease electives from 23 to 21 total credits; c. Change name from CIS/IS Electives to Formal Communication Studies Elective; d. Increase credit total for CIS/IS Electives (2 cr.) to Formal Communication Studies Elective (4 cr.)

Approved List of Minors: Add Earth Science, Geomatics, Media Studies, Sustainability, Theatre and Entertainment Arts, Native American Studies, Wildland Firefighting, Math, Computer Science

**PROGRAM DELETIONS**

NONE

**POLICY CHANGES**

Social Work: Updated mission statement and program goals; revise program completion

**NOTIFICATION OF SUSPENDED PROGRAMS**

Accounting/Financial Planning Major in the College of Business

**OTHER CHANGES**

Rename Sociology and Social Work Department to “Sociology, Social Work, and Anthropology”