

**Folsom Lake College 2016-2017 Catalog Addendum –
June 30, 2016**

NOTE: This addendum captures changes that occurred in Late-Spring/Summer 2016 after the Folsom Lake College 2016-2017 catalog went to print, as well as corrects errors and omissions in the original version.

Page 97

AA – Studio Art – DELETE ART 330 from Painting electives

Page 105

ARTH 300 – ADD: C-ID ARTH 100

ARTH 303 – UPDATE course description: This course surveys western art from the prehistoric period to the 14th century. The lecture and discussion include the developments of the visual arts and architecture.

Pages 114-115

BIOL 400 –

- ADD Advisory: CHEM 401; AND: ENGWR 101 AND ENGRD 110 with a grade of “C” or better.
- ADD: Part of C-ID BIOL 135S

BIOL 410 – ADD: C-ID BIOL 155; Part of C-ID BIOL 135S

BIOL 420 – ADD: C-ID BIOL 150; Part of C-ID BIOL 135S

Page 118

AA – Business, General, Transfer – UPDATE program description: This program provides the courses necessary for a transfer to a four-year college in business while also allowing the student to select courses which fit his/her individual needs and desires. Students wanting to transfer to a California State University should complete the AS-T in Business Administration, as this program is designed for transfer to the University of California colleges, out-of-state colleges and other private institutions.

Pages 129-131

CHEM 400 – UPDATE course description: This is a first semester general college chemistry course intended for students majoring in the scientific disciplines including chemistry, biology, nutrition, physics, geology and engineering. This course emphasizes the fundamental principles of chemistry. Topics include chemical

measurement; physical and chemical processes; nomenclature; stoichiometry; atomic structure; quantum theory; molecular structure; bonding theory; physical properties of gases, liquids, and solids; thermochemistry; and properties of solutions. Students are required to purchase indirect vent safety goggles, closed toe shoes, and a bound quad-ruled notebook for the laboratory.

CHEM 401 – UPDATE course title: General Chemistry II

CHEM 420 – UPDATE course title: Organic Chemistry I

CHEM 421 – UPDATE course title: Organic Chemistry II

Pages 143-144

CISC 306 – DELETE course

ADD course:

CISC 315 Introduction to Computer Game Design 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course introduces students to the fundamentals of game design with an emphasis in applying those fundamentals to the creation of computer games. Students will explore the various genres of computer games, including hardware and mobile games. No programming skills are required. Students will explore the relationship between player experience and game mechanics.

Page 149

CISW 326 – DELETE course

Page 171

ECE 312 – UPDATE General Education: AA/AS Area V(b); AA/AS Area III(b); CSU Area D; CSU Area E1; IGETC Area 4

Page 179

ADD course:

EMT 101 Emergency Medical Technician Training 7 Units

Prerequisite: All EMT 101 students must have an American Heart Association BLS for the Health Care Provider CPR card (required under NHTSA and California Regulations) prior to the first day of class.

Advisory: AH 110; students are also advised to take an anatomy and physiology course prior to taking this course.

Enrollment Limitation: Students will be required to complete background checks/drug screens, purchase uniforms, verify immunizations, obtain Tb clearance, and fulfill other requirements as determined by site for the clinical component of this course. This course is not open to students with a current EMT - Basic certificate.

Hours: 81 hours LEC; 135 hours LAB

This course provides instruction to the level of Emergency Medical Technician (previously called EMT Basic or EMT-I). Topics include skills necessary to provide emergency medical care at a basic life support level with a fire, ambulance, or other specialized service. EMT students gain clinical experience in an ambulance and in emergency departments of hospitals. This course is recognized by both the Sacramento and El Dorado County Health Departments, Division of Emergency Medical Services, which are the certifying agencies for Sacramento and El Dorado Counties by the State of California. This certification is mandatory for all who wish to pursue a career working on an ambulance as a paramedic. EMT certification is also a pre-employment requirement for most fire departments. To be compliant with OSHA regulations, students may not have a beard or any facial hair below the lip. A final grade of "B" or better is required for a course completion certification. All students must bring a watch with seconds displayed each day to class. Students will also be required to have PPE (gloves) and other EMT equipment to participate in the clinical component. All students must purchase an EMT student T-shirt to be worn to all class sessions. Dark blue work pants will be required for the ER and ambulance experience. Students must purchase liability insurance from the college.

Page 187

ENGLB 71 – UPDATE hours: 27-162 hours LAB

Pages 189-190

ENGLT 370 – ADD: C-ID ENGL 180

ENGLT 402 –

- UPDATE Prerequisite: ENGWR 101 with a grade of "C" or better; or placement into ENGWR 300 via the assessment process.
- UPDATE course description: This course will draw connections between traditional and contemporary literary genres as students read William Shakespeare's selected histories, comedies, tragedies, and romances, critically analyzing film versions of the plays, and examining the effects of various cultural eras from Elizabethan to contemporary culture on various stage and film versions.

Pages 200-201

ESLW 86 –

- DELETE course
- DELETE from ESL Sequence

Pages 217-218

GEOG 331 –

- UPDATE Hours: 50 hours LEC; 12 hours LAB
- UPDATE course description: This course introduces students to the exciting world of maps (both hard-copy and digital) and the geographic techniques and technologies that are utilized in the creation of modern cartographic documents. The examination of cartographic constructs, basic statistics, Global Positioning Systems (GPS), Internet mapping, remote sensing, and Geographic Information Systems (GIS) will shed light on this interesting and rapidly changing area of spatial inquiry. A portable USB storage device may be required for this class. Short field activities may be required.

GEOG 344 – UPDATE Prerequisite: GEOG 330 or GEOG 331 with a grade of "C" or better

Page 223

HEED 322 – DELETE course

Page 239

UPDATE the AA – Interdisciplinary Studies, Humanities degree program to include the following information: The Humanities program at Folsom Lake College offers students the opportunity to develop a breadth of interdisciplinary knowledge, enhance their appreciation of the arts, and sharpen their critical thinking skills. Students who major in this program will gain a well-rounded world view which will prepare them for success at the university, in the workplace, and in the community.

After Page 241 (New Discipline)

ADD the following Imaging (IMAGE) courses:

IMAGE 320 Computed Tomography I 1.5 Units

Prerequisite: None.

Corequisite: Students will take IMAGE 320 (lecture) and IMAGE 330 (lab) simultaneously.

Enrollment Limitation: Acceptance into the CT program.

Course Transferable to CSU

Hours: 27 hours LEC

This is the introductory course to the Computed Tomography Program. Content will include an overview of the entire program, hardware and system operation, some study into the history and appearance of CT images, safety, and overview of cross sectional anatomy, and an overview of the requirements for the CT Certification Exam.

IMAGE 321 Computed Tomography II 3 Units

Prerequisite: IMAGE 320 and IMAGE 330 with grades of "C" or better

Corequisite: Students will take IMAGE 321 (lecture) and IMAGE 331 (clinical internship lab) simultaneously.

Enrollment Limitation: Acceptance into the CT program.

Course Transferable to CSU

Hours: 54 hours LEC

This lecture course will emphasize review of actual CT cases that have been rendered identity neutral. Reading scans as well as continued training in safety and protocols for the ARRT technologist will be emphasized.

Additionally, there will be an overview of the ARRT standards and requirements for the CT certification exam.

This course will be taken in conjunction with IMAGE 331.

IMAGE 330 Computed Tomography Lab I 0.5 Units

Prerequisite: None.

Corequisite: Students will take IMAGE 320 (lecture) and IMAGE 330 (lab) simultaneously.

Enrollment Limitation: Acceptance into the CT program.

Course Transferable to CSU

Hours: 27 hours LAB

The ARRT Computed Tomography Technologist simulation training is a technique for practicing and learning all aspects of performing ARRT CT procedures. Students will use actual CT equipment on dummies that simulate human physiology in order to become proficient enough to enter the live CT environment. This course will be taken in conjunction with IMAGE 320.

IMAGE 331 Computed Tomography Lab II 7 Units

Prerequisite: IMAGE 320 and IMAGE 330 with grades of "C" or better

Enrollment Limitation: Acceptance into the CT program.

Course Transferable to CSU

Hours: 378 hours LAB

This lab course will take place in an actual CT scanning environment off campus. Students will build their portfolio of a minimum of 125 scan repetitions covering at least 25 of the 59 possible procedures. This course will be taken in conjunction with IMAGE 321.

IMAGE 340 Magnetic Resonance Imaging I 1.5 Units

Prerequisite: None.

Corequisite: IMAGE 350

Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.

Course Transferable to CSU

Hours: 27 hours LEC

This course will introduce the student to the key aspects of Magnetic Resonance Imaging (MRI). The fundamental components of the scanner, safety concerns, and basic concepts of the imaging process will be introduced. Students will also be provided with basic protocols of an MR scan as well as given information regarding the common types of scans. This course will be taken in conjunction with IMAGE 350, the introductory lab course in MRI.

IMAGE 341 Magnetic Resonance Imaging II 3 Units

Prerequisite: IMAGE 340 with a grade of "C" or better

Corequisite: IMAGE 351

Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.

Course Transferable to CSU

Hours: 54 hours LEC

This lecture course will emphasize review of actual MRI scans that have been rendered identity neutral. Reading scans as well as continued training in safety and protocols for the ARRT technologist will be emphasized. Additionally, there will be an overview of the ARRT standards and requirements for the MRI certification exam. This course will be taken in conjunction with IMAGE 351.

IMAGE 350 Magnetic Resonance Imaging Lab I 0.5 Units

Prerequisite: None.

Corequisite: IMAGE 340

Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.

Course Transferable to CSU

Hours: 27 hours LAB

The ARRT Magnetic Resonance Technologist simulation training is a technique for practicing and learning all aspects of performing ARRT Magnetic Resonance Imaging procedures. Students will use actual MRI equipment on dummies that simulate human physiology in order to become proficient enough to enter the live MRI environment. This course will be taken in conjunction with IMAGE 340.

IMAGE 351 Magnetic Resonance Imaging Lab II 7 Units

Prerequisite: IMAGE 350 with a grade of "C" or better

Corequisite: IMAGE 341

Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.

Course Transferable to CSU

Hours: 378 hours LAB

This lab course is the primary clinical experience for the MRI program. The clinical experience requirements are established by the ARRT in their Rules and Regulations. As part of the educational program, candidates must demonstrate competence in the clinical activities identified below. They must be signed off in all general patient care procedures, MRI safety requirements, quality control tests, the 18 required MRI Procedures and 10 of the 24 elective MRI Procedures. These will be detailed in the topics of this course outline as well as the student handbook for the MRI program.

Pages 242-245

ADD the following degree program:

DEGREE

AA – Interdisciplinary Studies: Pre-Law

REQUIRED PROGRAM

Units

A minimum of 12 units from the following:

12¹

ECON 302	Principles of Macroeconomics (3)
ECON 304	Principles of Microeconomics (3)
SOC 300	Introductory Sociology (3)
SOC 301	Social Problems (3)
SOC 321	Race, Ethnicity and Inequality in the United States (3)
STAT 300	Introduction to Probability and Statistics (4)

A minimum of 3 units from the following: 3²

- ANTH 310 Cultural Anthropology (3)
- BUS 345 Law and Society (3)
- POLS 301 Introduction to Government: United States (3)
- POLS 302 Introduction to Government: Foreign (3)
- POLS 310 Introduction to International Relations (3)
- POLS 320 Introduction to Political Theory (3)

A minimum of 3 units from the following: 3

- HIST 308 History of World Civilizations, 1500 to Present (3)
- HIST 312 History of the United States (to 1865) (3)
- HIST 313 History of the United States (1865-1945) (3)

A minimum of 6 units from the following: 6

- PHIL 300 Introduction to Philosophy (3)
- PHIL 310 Introduction to Ethics (3)
- PHIL 320 Logic and Critical Reasoning (3)
- PHIL 328 Critical Reasoning and Composition (3)
- PHIL 360 Social/Political Philosophy (3)

TOTAL UNITS REQUIRED: 24

¹Students transferring to UC Davis should take SOC 300, SOC 301, SOC 321 and STAT 300. Students interested in transferring to UC Berkeley should take ECON 302, ECON 304, STAT 300 and SOC 300.

²Students interested in transferring to UC Berkeley should take POLS 301 or POLS 302.

The Interdisciplinary Studies: Pre-Law Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

The Pre-Law Degree Program introduces the student to the field of legal studies along with its relationship with and influence over closely related areas in business and the social sciences. The Pre-Law Degree Program emphasizes not only the nature of law and legal institutions, but the impact these have on government, politics, economics, business, social groups and institutions, and society as a whole. The Pre-Law major leads to an A.A. degree and consists of many of the courses required to transfer into a related major at a four year college. This program provides students with general knowledge of the legal process, legal philosophy, legal reasoning, and legal institutions. This is not a paralegal or a paraprofessional major but will prepare students for careers within the legal profession.

Program Student Learning Outcomes

Upon completion of this program, the student will be able to:

- recognize the impact that law and legal institutions have on political, economic, and social institutions.
- differentiate various theoretical perspectives on the law and functions law serves in society.
- develop written and verbal communication skills with particular emphasis on the development of effective and persuasive oral and written arguments in the legal arena.
- evaluate arguments using evidence-based reasoning.

UPDATE the AA – Interdisciplinary Studies, Humanities degree program to include the following information: The Humanities program at Folsom Lake College offers students the opportunity to develop a breadth of interdisciplinary knowledge, enhance their appreciation of the arts, and sharpen their critical thinking skills. Students who major in this program will gain a well-rounded world view which will prepare them for success at the university, in the workplace, and in the community.

Pages 274-275

MATH 341 – UPDATE General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2

STAT 300 – ADD: C-ID MATH 110

Page 284

MUIVI 300 – DELETE course

Pages 288-289

MUSM 112 – DELETE course

MUSM 321 – DELETE course

MUSM 370 – UPDATE course description: This course provides methodologies, experiences, and materials for integrating music into pre-school, elementary, and recreational programs. It is recommended for elementary and early childhood credential candidates, recreation leaders, and others who use music with children.

Page 292

NUTRI 322 –

- ADD Advisory: NUTRI 300
- UPDATE course description: This course is a study of the nutritive needs of persons at various stages of the lifecycle with emphasis on special periods such as pregnancy, preschool, adolescence, and aging. This course is particularly helpful to Kinesiology and Early Childhood Education majors as well as those dealing with people in social agencies, such as nursing and gerontology.

Page 295

PHIL 320 – ADD: C-ID PHIL 110

Page 305

PRJMGT 310 – UPDATE course description: Successful project outcomes depend on an effective project management plan, development and execution, as well as adherence to a scope management process. This also begins with the proper integration of related project elements across project process groups and knowledge areas. The course builds on the introductory project management class to explore the project integration management processes to successfully integrate processes and activities required to define and coordinate the project effort within and across the project process including: project plan development, project plan execution, and overall change control.

PRJMGT 340 – UPDATE course description: The course explores the multiple communication channels within a project team and between a project and its various stakeholders. The class evaluates leadership styles that creates motivating team atmosphere, guide the team through change and conflict while practicing ethical principles during the project. The course also assess the human resource issues around the management of the performance of all individuals involved in ensuring project success. The class analyzes techniques for teams to understand performance expectations, improve team productivity, and communicate how the project aligns with the organization’s strategic goals and objectives.

Pages 310-311

PSYC 354 – DELETE: UC limitations, see counselor

PSYC 356 –

- UPDATE General Education: AA/AS Area V(b); AA/AS Area III(b); AA/AS Area VI; CSU Area D; CSU Area E1; IGETC Area 4
- DELETE: UC limitations, see counselor

PSYC 372 – UPDATE General Education: AA/AS Area V(b); AA/AS Area III(b); CSU Area D; CSU Area E1; IGETC Area 4