



May 28, 2014

TO: THE DISTRICT BOARD OF TRUSTEES
of Valencia College

FROM: SANFORD C. SHUGART
President

RE: APPROVAL OF 2014-2015 COLLEGE CATALOG

The President recommends that the District Board of Trustees approve the catalog changes (between the 2013-2014 and 2014-2015 catalogs) as attached.

<http://catalog.valenciacollege.edu/>

RECOMMENDED ACTION:

The President recommends that the District Board of Trustees of Valencia College approve the 2014-2015 College Catalog as presented.

A handwritten signature in black ink, reading "Sanford C. Shugart". The signature is written in a cursive style and is positioned above a horizontal line.

President

Changes Between the 2013-14 Catalog and the 2014-15 Catalog

April 2013-March 2014

April 15, 2014

Catalog landing page

- Updated District Office address

About Valencia College

- Added bachelor's degree being offered to 2011
- Added reference to planning a campus in the Poinciana community
- Added link to listings of College Administration and Faculty

Important Dates and Deadlines

- Updated calendar

Campuses

- Updated District Office address

Board of Trustees

- Updated with current membership

Admissions

- Updated Application information to note \$35 bachelor's application fee. Also, active Valencia College students that have an Associate of Arts degree earned from Valencia or an Associate of Science degree earned from Valencia related to a bachelor degree program offered at Valencia, or are an active Valencia student taking prerequisites toward their intended Valencia bachelor's degree, are not required to pay the \$35 application fee.
- Updated Residency section to include appeal information
- Updated General Admissions requirements to:
 - note new process for documentation of completion of home school (You have completed a home school program pursuant to the requirements in F.S. 232.0201. Please submit the following documents to the Answer Center to be deemed degree seeking:
 - A completed copy of the Notice of Intent form that was filed with the school district in your county signed by the parent or guardian. (Florida Home School Students: Notice of Intent forms are submitted to the school district by the parent or guardian within 30 days of the establishment of the home education program.)
 - A completed Home School Verification Affidavit. (Affidavits are available in the Answer Centers and online at valenciacollege.edu/admissions-records.)
 - remove international students section
 - revise dual enrollment entry with new application deadlines
 - revise Foreign Credentials section to note new process for submission of high school transcript for completion at a non-US school (submit English copy of transcript or English translation to International Student Services to review)
- Added International Admissions Requirements page and noted new process for submission of high school transcript for completion at a non-US school (submit English copy of transcript or English translation to International Student Services to review)

Records

- Added a section to note Change of Majors received after the COM deadline listed in the Important Dates and Deadlines calendar will be processed for the next term

- Updated FERPA/Directory Information to remove photographs, digital images, mail and e-mail addresses from directory information

Registration

- Added: Prior to registration each term, you must accept the [Student Enrollment Agreement](#).

Financial Information and Fees

- Revised bachelor's admissions fees to note new process (see Admission section)
- Tuition rates are pending Board of Trustee approval. No increase is anticipated.
- Revised bachelor's full cost of instruction
- Revised Florida Pre-Paid entry to note: If for any reason you do not want Valencia College to bill Florida Pre-Paid on your behalf or would like to reduce the number of hours billed, please complete and sign the [Florida Pre-Paid Authorization Form](#) and return it to any campus Business Office by the fee payment deadline.
- Added a section for the Student Enrollment Agreement
- Revised Estimated Expenses with new costs and added Health Information Technology degree

Gainful Employment

- Section added

Financial Aid

- Revised priority deadlines
- Revised General Eligibility section to note:
 - change of Majors received after the COM deadline listed in the Important Dates and Deadlines calendar will be processed for the next term
 - updated high school transcript information to note new process of submitting transcript to International Student Services
 - updated eligible certificates

Student and Campus Services

- Revised Office for Student with Disabilities entry with new Osceola room location and to note Lake Nona should contact Osceola Campus (previously East)
- Revised New Student Orientation section to note intake process (previously entry testing)
- Revised Student Services section to note 6PM closing time Monday-Thursday

Entry Testing & Placement and Mandatory Courses

- Added All students are required to take the following self-exploration reviews: Mini Learning and Study Strategies Inventory and Career Review. You will also be required to take one of the following: Post Secondary Education Readiness Test (PERT) for degree seeking students or Academic Review (see Exemptions to Requirements for taking the PERT); also added "Before coming to the Assessment Center, Please be sure to create your Atlas username and password."
- Revised PERT entry to add Senate Bill 1720 Exemption language:
 - **Senate Bill 1720 Exemptions:**
 - Your official Valencia record indicates that you entered 9th grade in a Florida public school in the 2003-2004 school year, or any year thereafter, and earned a Florida standard high school diploma. (High school transcript is required for this exemption)
 - Your official Valencia record indicates that you are serving as an active duty member of any branch of the United States Armed Services. (Current military orders are required for this exemption.)

NOTE: Students who are *exempt* through the Senate Bill 1720 are not required to take PERT or developmental education courses, however they may choose to take the PERT to review their current skillset and/or choose to take developmental education to prepare for college level coursework. Under this exemption, students who take the PERT are not required to register for coursework based on their PERT scores, therefore they are still eligible to register for college level coursework regardless of PERT scores.

Academic Review: Students who are exempt from taking the P.E.R.T are required to take an Academic Review to help guide their course selections. The skill review consists of 5 questions each in reading and writing, and 7 questions in math. The Academic Review is used to assist students in making the best academic decisions for their career path.

- Revised placement charts with new PERT scores, new Developmental Education courses and added new Math Pathways chart
 - Reading college level score is 106 (also, ACT decreased to 19 and SAT decreased to 440)
 - English college level score is 103 (also, SAT decreased to 440)
 - Math college level score is 114
- Added Intake Inventories section to give information about the mini-LASSI, career review and academic review
- Revised Non-Native Speakers of English Section to note that students must take PERT, must submit TOEFL scores to International Student Services and refer students who do not have college-level scores to Valencia’s Continuing Education instead of Center for Global Languages
- Revised Criminal Justice Institute entry to note students can also take the CJBAT at Lake Nona and Winter Park
- Revised the Health Sciences Programs entry to note students can also take the TEAS at Lake Nona and Winter Park
- Revised the Requirements for Passing Developmental & EAP Courses section with new developmental education course numbers and to note that only developmental math will be offering the intensive tutorial (the exit for reading and English is no longer a high stakes test)
- Revised Developmental Education entry with new course numbers
- Revised English for Academic Purposes section to note that “Your TOEFL or Compass ESL scores will determine your sequence of courses”
- Revised Mandatory Courses entry with new course numbers, to change LOEP to Compass ESL and to revise Mandatory Course Completion Chart to include combined English/reading classes
- Note: The “three prep mandate” is still in effect for all students. Additionally, all AA students with the 1720 attribute will be mandated into SLS1122

Distance Learning

- Revised entry with new link for determining readiness for online learning and technology requirements, to note students must have a physical mailing address in Florida (not a post office box), to note that bachelor’s students who have not completed a Valencia New Student Orientation must complete the online Bachelor Degree Orientation prior to registering

Academic Policies and Procedures

- Revised Class Attendance section to note online students attend class by logging in and must complete the first week assignments in accordance with the syllabus to avoid being withdrawn as a no show; also changed absence information to include both classroom attendance or inability to participate in an online or hybrid course
- Revised Course Attempts & Course Withdrawal entry to delete “Each term you are required to withdraw prior to the Withdrawal Deadline.”

- Added sections on Intellectual Property and Academic Freedom

Educational Enhancement Opportunities

- Revised Dual Enrollment entry with new application deadlines, to note students must be 16 at the beginning of their first term of DE enrollment and to note that flex start classes are ineligible for inclusion in the DE program
- Revised LinC definition

Seneff Honors College

- Changed application information to refer students to the Seneff website to get the writing prompt and increase PERT scores in accordance with DOE changes
- Revised course listing to add AML2011H and HUM2461H

Bachelor's Degree

- Updated application information with new process (see Admissions section)

Associate in Arts and Associate in Science Graduation Requirements

- Revised entry to note students must have an active record

Associate in Arts Pre-Majors, Associate in Arts Articulated Pre-Majors, Transfer Plans

- Added a statement in the introductory paragraph that a student can only earn one AA degree
- Added a Financial Aid advisory statement: In order to be eligible for and calculated in your enrollment status for financial aid, courses for which you are enrolled must count toward your Associate in Arts degree (36 credits of general education and 24 credits of electives). Courses listed in this transfer plan may not be eligible for and calculated in your enrollment status financial aid if you took other course work outside of this transfer plan (examples include prior course work from prerequisites, changing a major, and transfer course work not included in this plan).
- Added Math Pathways advisory statement: A Math Pathway is the recommended math course sequence that leads to completion of the General Education math requirement that a student would take within his/her Meta-Major. The Meta-Majors are a collection of eight academic clusters that have related courses. The intent of selecting a Meta-Major is to help you choose a major and degree based on your interests, knowledge, skills and abilities. The recommended math pathway for this transfer plan is the Arts/Humanities/Communications/Design path; see the program requirements tab for specific courses. Advisors are available on all campuses to discuss Meta-Majors and to help you review transfer institution catalogs for specific math requirements.
- Where appropriate, added recommended math courses on the Program Requirements tab

Credit Program Additions

Homeland Security, Technical Certificate

This technical certificate would meet the needs of our TSA students taking homeland security courses as part of the TSA Associates Program. Also, our existing Valencia students would benefit from this technical certificate as well.

Articulated Pre-Major: Logistics Management (FIT), A.A. Degree

In an effort to support additional pathways for our students, FIT will offer this program at the Lake Nona Campus. This program will support Valencia Business majors and returning Veterans

Nutrition and Dietetics, A.A Degree

An Associate in Arts degree is necessary for a Bachelor of Science in nutrition and dietetics. This AA degree will lead into an articulation with the proposed BS at Valencia

Advanced Electronics Technician, Advanced Technical Certificate

This advanced Electronics Technician Technical Certificate is designed to provide students with the skills required to build, troubleshoot, and design advanced electronic and electrical circuits. Students wishing to transfer any credits from this program to another institution must accept the responsibility to securing approval in advance from the transfer institution

Rapid Prototyping Specialist (Drafting and Design Technology, A.S. Degree)

Added 3D Printing option to existing A.S. program in Drafting and Design Technology; Reason for program addition: added 3D printing option to existing A.S. program in Drafting and Design Technology.

Digital Broadcast Production, Technical Certificate

Added a new Technical Certificate for total of 24 credit hours under the Digital Media Technology, A.S. Degree

Credit Program Modifications

General Education Program

- Added ANT 2000H, HUM 2461H and AML 2011H to the General Education program based on changes due to HB 7135.
- Added LIT 1000, EVR 1001, and PHY 1020 to General Education for 2014-15 academic year, since the courses will be offered then.

Honors Outcome

Condense the Honors Outcomes into one outcome to be used in all Honors courses, as follows: "Students will take action outside the classroom based on creative thinking as it relates to course content;"

Articulated Pre-Major: Engineering (UCF), A.A. Degree

Added CHM 1045C and removed PHY 2048C

Health Information Technology, A.S. Degree

ENC 1101 and HSC 1149 will not be required for admission into the HIT program. Also, the semester in which some courses will be offered will be changed.

Computed Tomography, ATC

Removed RTE 4941L and replaced with RTE 4942L and RTE 4943L

Magnetic Resonance Imaging, ATC

Added RTE 4943L to the Magnetic Resonance Imaging TC

Radiologic and Imaging Sciences, A.S. to B.S. Degree

1. Changed wording to clarify that STA 2023 is required even if some other Gordon rule math is used to satisfy General Ed. 2. Addition of a new elective course (RTE 3588 Mammography). 3. Creation of 2 new practicum courses to allow each concentration to have a unique course number associated with its clinical component.

EMT, Applied Technology Diploma

Revised Program Title: EMT Technical Certificate

Cardiovascular Technology, A. S. Degree

Added PHI 2604 as a recommended option for Humanities; moved MAC 1105 and BSC 2094C as prerequisites to the program.

Sound and Music Technology, A. S. Degree

Modified program outcomes for Audio Engineering Technology and Music Performance and Sound specializations. Deleted MUL 1110 and Gen Ed elective hours, and added MUL 1010, TPA 1380, MUC 2000C, and MUM 2790L. Removed MV_ Performance III and combined MV_ Performance I and II, and II and III.

Landscape and Horticulture Technology, A. S. Degree

Removed BSC 1050 and replaced it with EVR 1001 or MAC 1105 (or higher math); added "or CHM 1045C to CHM 1025C; removed PSY 1012 and replaced it with ECO 2023; removed OST 1755
In the Horticulture Specialization we added "or ORH 2260C to ORH 2251C.

Computer Programming and Analysis, A.S. Degree

Removing COP 2821, 2823. Adding COP 2362 Advanced C# Programming

Computer Programming, Technical Certificate

Delete the Specialization in Game Programming

Graphic and Interactive Design, A.S. Degree and Technical Certificates

Deleted ARH 2050, ART 1201C, ART 1301C, ART 2400C, DIG 2030C, DIG 2430C, DIG 2500C, GRA 2160C, MAR 2011, PGY 2401C, and POST 2041. Added GRA 1751, GRA 2585C, GRA 2133C, GRA 2724C, and GRA 1180C. Moved DIG 2100C to Program Requirements instead of within specializations.

Digital Video Editing and Post Production, Technical Certificate

Added ART 1300, DIG 1940, and MUM 2630C and deleted /dig 2341C, DIG 2342C, GRA 1413

Digital Video Fundamentals, Technical Certificate

Added DIG 1940 and deleted GRA 1413

Digital Media Development, Technical Certificate

Added DIG 1102C, DIG 1108C, DIG 1940, and DIG 2000C and deleted DIG 2100C, DIG 2109C, DIG 2430C DIG 2500, and GRA 1413.

Digital Media Video Production, Technical Certificate

Added DIG 1940 and DIG 2000C, and deleted DIG 2284C and DIG 2341C

Webcast Media, Technical Certificate

Added DIG 1940 and DIG 2000C and deleted DIG 2030C and DIG 2109C

Webcast Technology, Technical Certificate

Added DIG 1940, DIG 2000C, DIG 2100C, and DIG 2941 and deleted DIG 2284C, DIG 2291C, DIG 2292C

Foreign Language Proficiency Requirement for A.A. Degree

Request to add ITA 1120 and ITA 1121 (Elementary Italian I and II) to the Foreign Language Prof. Requirement

Criminal Justice Institute- Law Enforcement Officer

Revised Law Enforcement curriculum to comply with changes from FDLE. Revised course number CJK 0007 to CJK 0001; Revised course number CJK 0008 to CJK 0012; Revised course number CJK 0071 to CJK 0077; Revised course number CJK 0082 to CJK 0087; Revised CJK 0083 to CJK 0084; Revised course number CJK 0086 to CJK

0088; Added courses CJK 0013, CJK 0014, CJK 0064, CJK 0065, CJK 0078, CJK 0092; Deleted CJK 0011, CJK 0017, CJK 0061, CJK 0062, CJK 0076, CJK 0078, and CJK 0092.

Restaurant and Food Services Management, A.S. Degree

Aligned with UCF – Added ECO2013 or ECO2023. Added MUL1010 or PHI2010. Deleted science and nutrition requirement. Added STA2023 as option instead of CGS2100.

Hospitality Administration/Management: Articulated A.S. to B.S. Degree

Alignment with UCF – deleted PSY2012 and added ECO2013 or ECO2023. This is a State agreement, and after review of program some minor alignment adjustments were made.

Building Construction Technology, A.S. Degree

Reducing course hours in ETC 1251 and adding ETD 1031C to reflect the student learning outcomes of the new SLS 1122 course.

Civil/Surveying Engineering Technology, A.S. Degree

Reducing course hours in ETC 1251 and adding ETD 1031C to reflect the student learning outcomes of the new SLS 1122 course.

Drafting and Design Technology, A.S. Degree

Create opportunity for students to complete TC with specific discipline elective choices, including more extensive internships.

Drafting w/Specializations in Architectural Drafting, Mechanical Drafting, Surveying Drafting, TC,

Curriculum overhaul with course prefixes and capstone course designations.

Building Construction Specialist, TC

Change in credit hours for ETC 1251 (4 to 3) for total of electives (from 2 to 3).

Drafting, Auto CADD, Technical Certificate

Changes in credit hours of various electives, necessitating Catalog revisions including notation of capstone course. No change in total program hours.

Digital Media Tech. w/Spec. in LEVP, A.S. Degree

All digital media students will now take DIG 1940 (in place of TPA 1380) as a first semester professional development course and we are changing this course prerequisite to reflect that. Also adding an existing course (DIG 2100C Web Essentials) as an elective so students have more options to deal with the credit hour change that results from taking DIG 1940.

Digital Media Web Production, T.C.

All digital media technical certificates are being updated to remove embedded prerequisite courses. No change in total program hours.

Digital Media Tech. w/Spec. (Mobile Journalism), A.S. Degree

Correction of course numbers and credit hour amounts in this track, as well as adding a DIG video editing course (DIG 2292C). Intermediate course changes of JOU 1400L from 3 credits to 1 credit. Added JOU 1404L to intermediate courses for 1 credit hour, and deletion of JOU 1440L.

Digital Media Tech. w/Spec. (Video & Motion Graphics), A.S. Degree

Changed the professional development course from GRA 1413 to DIG 1940; Changed prerequisites in Fundamentals of Interactive Design (DIG 2500C); Added an existing video editing class (DIG 2292C) as an elective.

A.S. to B.S. Radiologic and Imaging Sciences, B.S. Degree

Change admissions requirements to allow any Associate degree or higher with appropriate professional certification.

Cardiopulmonary Sciences, B.S. Degree

Removed Polysomnography Concentration from degree; this will continue as an Advanced Technical Certificate, and reduced credits to 128 hours in order to obtain State approval

Computer Programming and Analysis, A.S. Degree

Removed COP 2821 and 2823. It doesn't make sense to allow COP 1332 VB Programming to be taken as the intro level course when there is no longer an advanced course, so it was removed.

Computer Programming w/Spec., Technical Cert

Removed COP 1332 as a choice of introductory level programming languages. There is no longer an advanced option for these students.

Computer Programming Specialist w/Spec., T.C.

Removed the option of taking COP 1332 VB as the introductory language. There is no longer an advanced option. Although this TC doesn't require an advanced-level course it needs to be consistent with the 33 credit TC and the AS degree.

Veterinary Technology, A.S. Degree

Added advisory note: Since this degree is offered and awarded by St. Petersburg College it is not a financial aid eligible degree program at Valencia. If you are concurrently seeking the Associate in Arts (A.A.) degree, the Veterinary Technology program prerequisites may be eligible for financial aid at Valencia if they are a part of your A.A. requirements.

Credit Program Deletions

Transfer Plan: Cardiopulmonary Sciences

To delete this transfer plan, because students cannot use this transfer plan to earn a BS degree in Cardiopulmonary Sciences.

Digital Media Production, Technical Certificate

All digital media certificates are being reworked this year to avoid embedded prerequisite courses and to create pathways to our newest AS specializations. Superfluous certificates are being deleted. A Sunset Notification teach-out form will be submitted to CCC so that students receive notice to complete the program within 5 years.

Course Additions

STA 1001C Introduction to Statistical Reasoning

Catalog Course Description: This course provides students with an opportunity to acquire a reasonable level of statistical literacy and expand their understanding of statistical approaches to problem-solving. The main objective of this course is the development of statistical reasoning techniques and an introduction to the statistical analysis process. (Special Fee: \$42.00); **Prerequisites:** Minimum grade of C in MAT 0018C or higher or appropriate score on an approved assessment; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/1

AML 2011H Survey in American Literature: Colonial Period to Civil War-Honors

This course will be offered to students participating in the James M. and Dayle L. Seneff Honors College-Leadership Track at the Osceola Campus **Catalog Course Description:** Same as AML 2011 with honors content. Honors program permission required; **Prerequisites:** Minimum grade of C in ENC 1101 or 1101H; **Co-requisites:** None

REA 0055 Developmental Reading Module I

Catalog Course Description: A specialized instruction in developmental reading concepts to prepare students for ENC 1101. Topics include comprehension skills with an emphasis on inferential and literal skills, organizational patterns of information, and vocabulary development. Upon completion of the P.E.R.T. diagnostic or a Reading division diagnostic, students will be assigned independent study modules. Students must complete each module and pass the final exam with a grade of 70% or higher. This course does not apply toward requirements in general education or toward any associate degree; **Prerequisites:** Score of 84-103 on P.E.R.T. and department approval; **Co-requisites:** None

REA 0056 Developmental Reading Module II

Catalog Course Description: A specialized instruction in developmental reading concepts to prepare students for REA 0017C. Topics include comprehension skills with an emphasis on literal skills, organizational patterns of information, and vocabulary development. Upon completion of the P.E.R.T. diagnostic or a Reading division diagnostic, students will be assigned independent study modules. Students must complete each module and pass the final exam with a grade of 70% or higher. This course does not apply toward requirements in general education or toward any associate degree; **Prerequisites:** Score of 84-103 on P.E.R.T. and department approval; **Co-requisites:** None

ENC 0055 Developmental English Module I

Catalog Course Description: A specialized instruction in developmental writing concepts to prepare students for ENC 1101. Topics include the components necessary to write a unified, well-developed paragraph, such as topic sentences, use of major and minor development, coherence, unity, and use of logical organizational patterns. Other topics include the conventions of standard American English as appropriate for academic writing. Upon completion of the P.E.R.T. diagnostic or a Communications division diagnostic, students will be assigned one or two topic modules. Students must complete each module with a grade of C or higher. This course does not apply toward Communications requirements in general education or toward any associate degree; **Prerequisites:** Score of 90-98 on P.E.R.T. and department approval; **Co-requisites:** None

ENC 0056 Developmental English Module II

Catalog Course Description: A specialized instruction in developmental writing concepts to prepare students for ENC 1101. Topic modules include the components needed to write a unified, developed, and logically organized essay. Other modules include the conventions of standard American English as appropriate for academic writing and the evaluation of students' own writing and the writing of others, using objective standards of quality. Upon completion of the P.E.R.T. diagnostic or a Communications division diagnostic, students will be assigned three or four major topic modules. Students must complete each module with a grade of C or better. This course does not apply toward Communications requirements in general education or toward any associate degree; **Prerequisites:** Score of 90-98 on P.E.R.T. and department approval; **Co-requisites:** None

ENC 0017C Developmental Reading and Writing I

Catalog Course Description: An integrated reading and writing course designed for students scoring 83 or below on the reading portion of the PERT exam and scoring 89 or below on the writing portion of the PERT exam. The course will focus on reading comprehension, vocabulary skills, grammar, and paragraph development. In addition, the course will address the connection between reading and writing through reading response activities; **Prerequisites:** 83 or below on the reading portion of the PERT exam and scoring 89 or below on the writing portion of the PERT exam; **Co-requisites:** None

ENC 0027C Developmental Reading and Writing II

Catalog Course Description: An integrated reading and writing course designed for students scoring 84-103 on the reading portion of the PERT exam and/or scoring 90-99 on the writing portion of the PERT exam. The course will focus on reading comprehension, vocabulary skills, grammar, and essay writing. In addition, the course will address the connection between reading and writing through reading response activities; **Prerequisites:** Minimum grade of C in ENC0017C or 50-83 on PERT reading and a 90-98 on PERT writing; or 84-103 on PERT reading and 50-89 on PERT writing; or 84-103 on PERT reading and 90-98 on PERT writing; **Co-requisites:** None

PSY 2861 Positive Psychology

Catalog Course Description: This course is designed to introduce a strength-based psychology that scientifically studies positive human functioning, specifically, the strengths and virtues that enable individuals and communities to thrive. Emphasis will be placed on studying and applying topics such as; happiness, gratitude, flow, optimism and hope, wisdom and courage, positive effect, resilience, coping, friendship, and positive development. **Prerequisites:** None; **Co-requisites:** None

HUM 2461H Latin American Humanities – Honors

This course will be offered to students participating in the James M. and Dayle L. Seneff Honors College-Leadership Track at the Osceola Campus; **Catalog Course Description:** Same as HUM 2461 with honors content. Honors program permission required; **Prerequisites:** Minimum grade of C in ENC 1101 or 1101H; **Co-requisites:** None

ANT 2000H Introductory Anthropology Honors

Catalog Course Description: Same as ANT 2000. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Prerequisites:** None; **Co-requisites:** None

EEC 2732 Health, Safety, and Nutrition for Young Children

Catalog Course Description: This course is designed to explore health, safety and legal issues in early childhood, 0-8 years of age, including protection from injury and infection; promotion of healthy development, good nutrition, and appropriate health and fitness habits; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

CGS 2038C IT for International Business Travel

Catalog Course Description: This course explores the use of information technology in an international setting. Students will expand their cultural awareness during a Study Abroad Trip, while examining business uses of technology. While in a foreign country a lab component of the course requires students to use digital communication, including Internet access and telephone communication. This course requires the student to have a smart-phone or tablet; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1/1/1

HIM 2960 Health Information Technician Review

Catalog Course Description: A comprehensive review of all the competencies studied in the Health Information Technology Program. Students are assisted in preparing for the national certification examination, as well as for entry into the Health Information Management field; **Prerequisites:** Department approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 2/2/0

RTE 3588 Mammography

Catalog Course Description: Course content is designed to introduce the core concepts related to radiographic imaging of the breast. Breast anatomy and pathology will be included in the presentation of various diagnostic and therapeutic procedures. Special patient considerations and the Mammographer's role in women's health will be explored. Federal regulations as described by MQSA and the FDA will be applied to all aspects of

mammographic imaging; **Prerequisites:** Admission to the BS degree in Radiologic and Imaging Sciences program; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

RTE 4942L CT Practicum

Catalog Course Description: Practical application in a clinical setting of knowledge acquired in the classroom. Minimum grade of C is required if used to satisfy Radiologic and Imaging Sciences BS degree requirement; **Prerequisites:** Minimum grade of C or better in RTE 3590; RTE 3765; and RTE 3116 or current professional employment; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/0/24

RTE 4943L MRI Practicum

Catalog Course Description: Practical application in a clinical setting of knowledge acquired in the classroom. Minimum grade of C is required if used to satisfy Radiologic and Imaging Sciences BS degree requirement; **Prerequisites:** Minimum grade of C or better in RTE 3591; RTE 3765; and RTE 3116 or current professional employment; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/0/24

HUN 1201 The Science of Nutrition

Catalog Course Description: Scientific principles of nutrition, including the role of specific nutrients, digestion of each, absorption, and metabolism. Food sources and individual requirements throughout the lifecycle to maintain health will be addressed; **Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes.; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

EVR 1001 Introduction to Environmental Science

Catalog Course Description: General education credit non-laboratory course which provides a survey of basic chemical, biological, and physical principles of environmental science and ecology, the application of these principles to current political, scientific, and economic issues and our responsibility for the environment. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

EVR 1001H Introduction to Environmental Science

Catalog Course Description: Same as EVR 1001. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

GLY 2160 Geology of National Parks

Catalog Course Description: Overall view and study of national parks with emphasis on geological features and processes that formed them; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

OCB 1000 Introduction to Marine Biology

Catalog Course Description: A non-laboratory course that introduces students to the physical and biological factors that influence life in marine ecosystems, and includes human impacts on these systems. Topics include the scientific method; geological, physical and chemical features of the ocean; survey of marine phyla including microbes, seaweeds, marine plants, invertebrates, fishes, marine reptiles, marine birds, marine mammals; survey of marine habitats including estuaries, inter-tidal zones, soft and hard bottom subtidal communities, kelp forests, seagrass beds, coral reefs, pelagic waters, benthic deep sea habitats; human impacts and sustainability on abiotic and biotic marine systems; and conservation of marine resources and biodiversity. Students should be prepared to complete college-level reading, writing and mathematics as part of this course. This course meets the general education science requirement; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

PHY 1020 Conceptual Physics

Catalog Course Description: An introduction to classical physics, including a study of motion, fundamental forces, energy and momentum, heat and thermodynamics, waves, electricity and magnetism, optics, and elements of atomic and nuclear physics. This course fulfills the general education science core course requirements; **Prerequisites:** High school Algebra; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

LIT 1000 Introduction to Literature

Catalog Course Description: This course will focus on a variety of literary genres, with some emphasis on works by international authors. Students will be introduced to methods of reading and writing critically about literature with a focus on cultural and historical understanding; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

HUN 1010 Nutrition for Fitness

Catalog Course Description: The study of basic nutrition, including the role of healthy eating in the maintenance of good health and fitness. Emphasis will be placed on nutritional needs for active persons and those trying to achieve an ideal body weight. Dietary supplements will also be explored. This course does not meet the nutrition requirement for the Nursing and Dental Hygiene Programs; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

COP 2362 Advanced C# Programming

Catalog Course Description: Advanced topics using the C# language, including User eXperience (UX), collections, multi-threading, and interaction with databases and web services. Students will develop applications for Windows and the web using industry-standard software architecture. (Special fee \$42.00); **Prerequisites:** Minimum grade of C in COP 2360; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0

GRA 1180C Portfolio Prep

Catalog Course Description: Students will take a comprehensive exam, work on their personal brand, design their resumes, develop self-promotional items, and conduct an audit of their work. This course is designed to get students prepared to do an internship and to help them prepare to be successful in their capstone course, Portfolio Review; **Prerequisites:** Minimum grades of C in GRA2113C or GRA 2137C or department approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1/1/1

GRA 1751 Information Architecture

Catalog Course Description: Provides instruction in user interaction and user experience to assist students in learning to research, plan, organize and develop an interactive solution. Logical thinking and creative problem solving processes used for planning interactive solutions, especially those found on the internet, will be provided. Special emphasis on visual communication fundamentals, problem solving, content strategy, sitemaps, wireframes, user interaction and user experience will be covered; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 2/2/0

GRA 2133C Intermediate Web Design

Catalog Course Description: Provides intermediate instruction in the most current applications and coding languages being used in the industry to assist students in the creation of web pages. Instruction on proper coding of the pages with consideration of various platforms and cross-platform testing will be provided. Special emphasis on visual communication techniques, web design principles, responsive web design and intermediate coding skills will be covered; **Prerequisites:** Minimum grade C in GRA2141C or department approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/1

GRA 2585C User Interface Design

Catalog Course Description: Provides instruction in user interface design to assist students in learning to research, plan, organize and develop interactive solutions for a variety of user interfaces and user experiences.

Special emphasis on visual design fundamentals, problem solving, design process, emerging trends, user interaction and experience will be covered; **Prerequisites:** Minimum grades of C in DIG 2100C, GRA 1751 and GRA2201C or departmental approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/1

GRA 2724C Advanced CSS Design

Catalog Course Description: Students will apply visual communication, creative problem solving and typographic layout techniques to create advanced level web site solutions for their professional portfolios. Students will plan, design, and develop standards-compliant, visually attractive web pages utilizing advanced CSS (Cascading Style Sheets) and other industry standard software and coding languages; **Prerequisites:** Minimum grade of C in GRA 2723C or departmental approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/1

ITA 1120 Elementary Italian I

Catalog Course Description: For students without two years of recent high school Italian completed within the last three years or department approval. Emphasis on everyday use of the language, integrating basic grammar, vocabulary, composition and culture through a conversational approach to Italian. Not open to native speakers. A minimum grade of C is required to pass this course if being used to satisfy the General Education Foreign Language requirement; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 4/4/0

ITA 1121 Elementary Italian II

Catalog Course Description: For students without two years of recent high school Italian completed within the last three years or department approval. This course is a continuation of ITA 1120 and will continue the emphasis of everyday use of the language, integration of basic grammar, vocabulary composition, and culture through a conversational approach to Italian. Not open to native speakers. A minimum grade of C is required to pass this course if being used to satisfy the General Education Foreign Language requirement; **Prerequisites:** ITA 1120; **Co-requisites:** None; **Credit/Class/Lab Hours:** 4/4/0

CJK 0013 Interactions in a Diverse Community

Catalog Course Description: This course provides information on communication barriers which occur because of cultural differences or unclear expression. Crisis intervention and the special considerations required when interacting with individuals who have physical or developmental disabilities, mental illness or impairments is also covered.; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.333/40/0

CJK 0014 Interviewing and Report Writing

Catalog Course Description: This course concentrates on note-taking, interviewing, report principles and mechanics; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.867/56/0

CJK 0064 Fundamentals of Patrol

Catalog Course Description: This course examines the techniques and tactics that officers use while on patrol to include Community Oriented Policing, officer safety and survival skills, and basic instruction on responding to calls and making an arrest; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.167/35/0

CJK 0065 Calls for Service

Catalog Course Description: This course examines the more common non-criminal and criminal calls for service that an officer may encounter ranging from performing security checks to alleged violation of criminal law; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.20/36/0

CJK 0078 From Crime Scene to Courtroom

Catalog Course Description: This course focuses on the officer's role upon arriving at an incident or crime scene. The topics covered include processing the crime scene, obtaining information about what happened and participation in the prosecution process until the case is resolved; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.167/35/0

CJK 0092 Critical Incidents

Catalog Course Description: This course provides an overview of the law enforcement techniques and tactics employed in confronting large scale or critical incidents including active shooters, natural disasters, hazardous material exposure and explosive devices; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.467/44/0

ETD 2371C Introduction to 3D Printing

Catalog Course Description: This course provides an introduction to the world of 3D printing and scanning. Using existing knowledge of CADD software to create and export STL files, students will bring their digital work to life. Each student will become familiar with the interface and preparation of multiple three-dimensional printers. The class will also learn and present on how various industries are using this technology. (Lab fee: \$100.00); **Prerequisites:** ETD 2355C or Department Approval; **Co-requisites:** None; **Credit/Class (Lecture)/Lab Hours:** 3/1/2

ETD 2372C Advanced Rapid Prototyping

Catalog Course Description: This course builds upon ETD 2371C with more advanced project applications. Students will explore simulation and design analysis of rapid prototyping and learn the relationships of physical prototyping to the design industry by examining case studies. When available, field trips to local manufacturing facilities will expose the students to current industry practices and the latest technologies. Several problem-solving projects will test their creativity, design abilities and 3D printing skills. The class environment will foster a design community providing feedback and critique from classmates. Students will receive a refresher on different physical and digital interfaces using a variety of 3D printers and scanners. (Lab fee: \$100); **Prerequisites:** ETD 2371C or Department Approval; **Co-requisites:** None; **Credit/Class (Lecture)/Lab Hours:** 3/1/2

TPA 2010C Foundations of Technical Design

Catalog Course Description: Practical exploration of the structural and mechanical principles used in scenery construction and rigging for the entertainment industry. Applies theoretical concepts in laboratory and production settings. (Special Fee: \$80.00); **Prerequisites:** TPA 2220C and TPA 2290C; **Co-requisites:** Pre- or Co-requisite: TPA 2343; **Credit/Class (Lecture)/Lab Hours:** 3/2/2

Course Modifications**SLS 1122 Student Success**

Purpose: To align course with the QEP and General Education; **Revised Official Course Title:** New Student Experience (previously: Student Success); **Revised Catalog Course Description:** The New Student Experience is designed to assist students in formulating their purpose in life. Through self-discovery, students will investigate their interests, strengths and personal values that align with their educational and career goals. Emphasis is on orientation to college, integrated student success skills, and the development of an individualized education plan. Students will learn and integrate practical applications to communicate across diverse populations

ENC Vari Various ENC Courses Listed Below

Purpose: Remove the "C" designation and lab fees from the following ENC courses: ENC 0025C, ENC 0017C, and ENC 0027C

REA 0017C Developmental Reading II

Purpose: Remove the "C" designation and lab fee

MAT 0022C Developmental Mathematics Combined

Revised Prerequisite: A score below 114 on the PERT math test

MGF 1106 College Mathematics

Revised Prerequisites: Minimum grade of C in MAT0018C or MAT0022C or MAT0028C or appropriate score on an approved assessment

STA 2023/2023H Statistical Methods

Revised Prerequisites: Minimum grade of C in STA1001C, MAT1033C, or MAC1105 or satisfactory score on an approved assessment

MGF 1107 Mathematics for the Liberal Arts

Revised Prerequisites: Minimum grade of C in MAT 1033C, or MAC 1105, or MGF1106 or STA 2023

Various Courses Lab Fee Revisions (*per list*)

Revised Lab Fees: The required lab fee is being revised for each course in attached spreadsheet.

DIG 2950C Digital Media Project

Revised Prerequisites: Minimum grade of C in DIG 2284C or DIG 2342C or DIG 2561C; or department approval (previously, Min. grade of C in DIG 2342C and DIG 2284C or department approval.

LIT 2955 Holocaust Studies Trip Abroad (Flex Credit)

Purpose: It has been difficult to obtain the enrollment numbers needed for this study abroad trip. Some students have not taken the prerequisite of LIT 2174 Literature and Multimedia of the Holocaust. To reach more students we will offer a flex credit version. Students who do NOT have the prerequisite will have to attend a series of content classes to prepare for the trip. These will be in addition to those required orientations for all study abroad students. The students that attend these extra classes and take the trip will earn a credit for the trip. This will give them the background needed for the trip to be meaningful. Students who have taken LIT 2174, the current prerequisite, will be exempt from the additional class meetings and merely attend the required orientation meetings and just receive 2 credits for the trip. The ones without the prerequisite will earn 3 credits. This course was originally 3 credits but it has been hard to meet the required documented hours in the time allotted for the trip. Now it will be a 2 credit trip or a 3 credit trip...Flex Credit; **Revised Credit/Class (Lecture)/Lab Hours:** 2-3 Variable

**Additional update since the meeting, the English faculty voted to approve on the Curriculum Committee suggestion to remove LIT 2174 as a prerequisite for LIT 2955, and to have a documented assessment to record which students are exempt from taking the online instruction before the trip.*

HSA 4702 Research Methods and Information Literacy

Revised Prerequisites: Admission into a BS degree program in Radiologic & Imaging Sciences or Cardiopulmonary Sciences; **Revised Pre or Co-requisites:** STA 2023 or equivalent.

RTE 3765 Anatomy for the Medical Imager

Revised Prerequisites: None (previously: Minimum grade of C in BSC 2094C).

RTE 4941L Practicum

Revised Prerequisites: A minimum grade of C in specified concentration coursework, as follows: Quality Management-RTE 4474; RTE 3116 or current professional employment.

HIM 1000 Introduction to Health Information Management

Revised Co-requisites: None (previously: HIM 1430, HIM 2222C, and HAS 1100).

HIM 1110 Health Data Concepts

Revised Prerequisites: Minimum grade of C in HIM 1000 (previously: Minimum grade of C in HIM 1000, HIM 1430, HIM 2222C, and HSA 1100); **Revised Co-requisites:** None (previously: HIM 2012, HIM 2214, and HIM 2234C).

HIM 1211 Health Information Technologies

Revised Prerequisite: Minimum grade of C in HIM 1110 (previously: Minimum grade of C in HIM 1110, HIM 2012, HIM 2214, HIM 2234C).

HIM 1430 Principles of Disease

Revised Co-requisites: None (previously: HIM 1000, HIM 2222C, and HSA 1100).

HIM 1800L Professional Practice Experience I

Revised Prerequisites: Minimum grade of C in HSA 1100; and HIM 2012 (previously: Minimum grade of C in HIM 1110, HIM 2012, HIM 2214, HIM 2234C); **Revised Co-requisite:** None (previously: HIM 1211).

HIM 2012 Legal Aspects of Health Information Management

Revised Prerequisites: Admission to the Health Information Technology program (previously: Minimum grade of C in HIM 1000, HIM 1430, HIM 2222C, HSA 1100); **Revised Co-requisites:** HIM 1000 (previously: HIM 1110, HIM 2214, HIM 2234C); changed number to HIM 1012.; **Effective Date:** Spring 2014 (201420).

HIM 2214 Health Care Statistics and Research

Revised Prerequisites: Minimum grades of C in HIM 1000 and MAC 1105 (previously: Minimum grade of C in HIM 1000, HIM 1430, HIM 2222C, HSA 1100); **Revised Co-requisite:** None (previously: HIM 1110, HIM 2012, HSA 2234C).

HIM 2222C Basic ICD Coding

Revised Co-requisites: None (previously: HIM 1000, HIM 1430, HSA 1100); **Revised Credit/Class/Lab Hours:** 4/3/3.

HIM 2253 Basic CPT Coding

Revised Prerequisites: Minimum grade of C in HIM 2222C (previously: Minimum grade of C in HIM 1211, HIM 1800); **Revised Co-requisites:** None (previously: HIM 2500, HIM 2810).

HIM 2500 Quality and Performance Improvement

Revised Prerequisites: Minimum grade of C in HIM 1110, and HIM 1800L (previously: Minimum grade of C in HIM 2253, HIM 2512, HIM 2810); **Revised Co-requisites:** None (previously: HIM 2283, HIM 2830).

HIM 2512 Supervision, Organization, and Management

Revised Prerequisites: Minimum grade of C in HIM 1110, and HIM 1800L (previously: Minimum grade of C in HIM 1211, HIM 1800); **Revised Co-requisites:** None (previously: HIM 2253, HIM 2810).

HIM 2729C Advanced ICD Coding and Reimbursement

Revised Prerequisites: Minimum grade of C in HIM 2222C; **Revised Co-requisites:** None.

HIM 2810L Professional Practice Experience II

Revised Prerequisites: Minimum grade of C in HIM 2222C and HIM 2729C (previously: Minimum grade of C in HIM 1211, HIM 1800); **Revised Co-requisites:** HIM 2253 (previously: HIM 2253, HIM 2500).

HIM 2820L Professional Practice Experience III

Revised Prerequisites: Minimum grades of C in HIM 2500 and HIM 2810L or department approval (previously: Minimum grade of C in HIM 2253, HIM 2500, HIM 2810); **Co-requisites:** None (previously: HIM 2283, HIM 2520).

HSA 1100 Health Care Delivery Systems

Revised Co-requisites: None **Revised Prerequisites:** Minimum grade of C in HIM 1000 (previously: Admission to the Health Information Technology program).

MUM 2632L Audio Systems Design and Maintenance

Revised Credit/Class/Lab Hours: 2/0/4

HSC 4555 Pathophysiology

Revised Course Title: Pathophysiologic Mechanisms

RET 4440C Cardiac Ultrasound

Revised Course Title: Cardiac Ultrasound I; **Revised Co-requisites:** RET 4942L; **Revised Credit/Class/Lab Hours:** 3/2/3

RET 4441C Vascular Ultrasound

Revised Course Title: Cardiac Ultrasound II; **Revised Co-requisites:** RET 4943L; **Revised Credit/Class/Lab Hours:** 3/2/3

RET 4903 Research in Vascular Ultrasound

Revised Course Title: Cardiac Ultrasound Clinical Practice I; **Revised Course Number:** RET 4942L; **Revised Credit/Class/Lab Hours:** 2/0/16

RET 4904 Research in Cardiac Ultrasound

Revised Course Title: Cardiac Ultrasound Clinical Practice II; **Revised Course Number:** RET 4943L; **Credit/Class/Lab Hours:** 2/0/16

Various Science Courses Lab Fee Revisions

To update the required lab fee for each course in the attached spreadsheet

Various Mathematics Courses Lab Fee Revisions

Update the required lab fee for each course in the attached spreadsheet.

PHY 1053C Introductory Physics I

Revised Catalog Course Description: PHY 2053C is the first course of a two-semester sequence in introductory physics. It covers fundamental principles of mechanics, fluids and thermal physics. Offered primarily for students majoring in information technology, the biological sciences and pre-health profession. This course fulfills the general education science core requirements; **Revised Course Title:** College Physics I with Algebra and Trigonometry; **Revised Course Number:** PHY 2053C; **Revised Prerequisites:** High school trigonometry or MAC 1114 or MAC 1147 with a minimum grade of C

ENC 1101 Freshman Composition I

Revised Prerequisites: Score of 103 on writing component of PERT, and a 106 on the reading portion of the PERT, or minimum grade of C in level two developmental writing and level two developmental reading, or a minimum grade of C in both EAP 1640 and EAP 1620

MUL 1010 Music Appreciation

Revised Catalog Course Description: General survey of music and composers, with extensive listening to develop intelligent understanding and appreciation of world's great music. Gordon Rule course in which the student is required to demonstrate college level writing skills through multiple writing assignments. Minimum grade of C is required if MUL 1110 is used to satisfy the humanities requirement in general education; **Revised Prerequisites:** Minimum grade of C in ENC 1101 or ENC 1101H or IDH 1110

PHI 2600 Ethics and Critical Thinking

Revised Catalog Course Description: Study of major theoretical principles on which claims to good life and moral action have been based, such as hedonism, utilitarianism and rationalism. Each theory illustrated by representative selections from works of great philosophers from classical period to 20th century. Gordon Rule course which requires demonstration of college level writing skills through multiple assignments. Minimum grade of C required if used to satisfy Gordon Rule requirement; **Revised Prerequisites:** ENC 1101 or ENC 1101H or IDH 1110

REL 2000 Understanding Religious Traditions

Revised Catalog Course Description: Designed for students interested in exploring various ways people have expressed religious views. Explores questions that lead people to formulate religious answers and various religious doctrines that formalize human concerns. Balances different opinions from major religious traditions such as Christianity, Judaism, Hinduism and Buddhism, among others, and helps students broaden perspectives on religion. Gordon Rule course which requires demonstration of college level writing skills through multiple assignments. Minimum grade of C required if used to satisfy Gordon Rule requirement; **Revised Prerequisites:** ENC 1101 or ENC 1101H or IDH 1110

RTE 1418 Principles of Radiography I

Revised Credit/Class/Lab Hours: 3/3/0

RTE 1458 Principles of Radiography II

Delete co-requisites

RTE 1503C Radiographic Procedures I

Delete co-requisites

RTE 1513C Radiographic Procedures II

Delete co-requisites

RTE 1523C Radiographic Procedures III

Delete co-requisites

RTE 1804L Radiographic Clinical Education I

Delete co-requisites

RTE 1814L Radiographic Clinical Education II

Delete co-requisites

RTE 1824L Radiographic Clinical Education III

Delete co-requisites

RTE 2061 Radiographic Seminar

Revised prerequisites: Minimum grades of C in RTE 2563 and RTE 2385

RTE 2385 Radiation Biology and Protection

Revised prerequisites: Minimum grade of C in RTE 1523C and RTE 2762

RTE 2563 Principles of Radiography III

Delete co-requisites

RTE 2782 Radiographic Pathology

Revised prerequisites: Minimum grade of C in RTE 2385 and RTE 2563

RTE 2834L Radiographic Clinical Education IV

Delete co-requisites

RTE 2844L Radiographic Clinical Education V

Delete co-requisites

REL 2000 Understanding Religious Traditions

Revised Course Number: REL 2300

TPA 1200 Basic Stagecraft

Revised Course Number: TPA 1200C

TPA 1232 Costume Techniques & Wardrobe Practices

Revised Course Number: TPA 1232C; **Revised Catalog Course Description:** This course examines methods of costume construction, with emphasis on planning, execution and management of costumes for live productions

TPA 1248 Makeup for the Stage

Revised Course Number: TPA 1248C

TPA 2000 Creative Design for the Theater

Revised Course Number: TPA 2000C; **Revised Credit/Class/Lab Hours:** 3/2/2

TPA 2257 Audio Visual Production

Revised Catalog Course Description: The student will participate as an audio visual technician for theater, dance, film, college wide, or music events. (Requires a minimum of 10 hours per week for a production or pre-production assignment.); **Revised Course Number:** TPA 2257C

EGS 1007 Engineering Concepts and Methods

Revised Credit Course Description: Introduction to computer software applications involving spreadsheets (Excel), and procedural programming (MATLAB) in order to solve a variety of engineering related problems

TPA 2000 Creative Design for the Theater

Revised Course Number: TPA 2000C; **Revised Credit/Class/Lab Hours:** 3/2/2

TPA 2030 Lighting Design for Live Entertainment

Revised Course Number: TPA 2030C

TPA 2063 Principles of Scenery Design

Revised Course Number: TPA 2063C

TPA 2220 Introduction to Stage Lighting

Revised Course Number: TPA 2220C

TPA 2252 Introduction Audio Visual Technology

Revised Catalog Course Description: An introduction to audio visual technology and practices of the entertainment industry. The course will focus on AV production and design, along with the setup, operation and troubleshooting of basic audio visual equipment; **Revised Course Number:** TPA 2252C

TPA 2260 Introduction to Audio Production

Revised Course Number: TPA 2260C

TPA 2343 Computer Assisted Drafting for the Entertainment Industry

Revised Course Number: TPA 2343C; **Revised Credit/Class/Lab Hours:** 3/2/1

GRA 1203C Layout, Design and Copy Preparation

Revised Prerequisites: A minimum of C in GRA 1142C or departmental approval; **Revised Catalog Course**

Description: A practical course in utilizing industry-standard layout software to convert rough ideas into technically sound print-ready layouts. Students are encouraged to apply various design fundamentals, such as color, balance, hierarchy and the typographic grid

GRA 1206C Fundamentals of Typography

Revised Prerequisites: Minimum grade of C in both GRA 1142 and GRA 1413; or minimum grade of C in both DIG 2000C and DIG 1940; or department approval

GRA 1413 Professional Development for Designers

Revised Catalog Course Description: Students will learn about industry-specific employment expectations, such as: designing a resume, researching work environments, understanding the role of designers in various workplaces and what the industry expects to see in a designer's visual portfolio

GRA 1951C Portfolio Review

Revised Prerequisites: Minimum grade of C in GRA 1180C or department approval; **Revised Catalog Course**

Description: This course is designed to help students prepare their portfolios, professionally produce their self-promotional items, and gain valuable interviewing skills. Students participate in an interview conducted by a panel of professionals as a portion of their grade

GRA 2132C Advanced Interactive Design

Revised Prerequisites: Minimum grades of C in both DIG 2100C and DIG 2500C or minimum grade of C in just GRA 2133C or department approval

GRA 2143C Advanced Web Page Design

Revised Prerequisites: Minimum grades of C in DIG2100C and DIG2500C and GRA2141C or a grade of C or higher in just GRA2133C or department approval

GRA 2156C Adobe Illustration

Course title revision to remove references to specific industry software; **Revised Course Title:** Vector Illustration

GRA 2425 Business and Ethics of Graphic Design

Revised Prerequisites: Minimum grade of C in GRA1142C or departmental approval

FIL 2450 Film Gripping

Revised Course Number: FIL 2450C

FIL 2505 Film Lighting

Revised Course Number: FIL 2505C

FIL 2537 Film Sound
Revised Course Number: FIL 2537C

FIL 2552 Film Editing
Revised Course Number: FIL 2552C

FIL 2580 Film Camera Techniques
Revised Course Number: FIL 2580C

DIG 2109C Digital Imaging Fundamentals
Revised Prerequisites: Minimum grade of C in DIG 2000C; and a minimum grade of C in either DIG 1940 or ART 1300C; or departmental approval

DIG 2341C Introduction to Motion Graphics
Revised Prerequisites: Minimum grades of C in ART 1300C and DIG 2000C; or department approval; **Revised Prerequisite or Co-requisite:** DIG 1940

DIG 2430C Digital Storytelling
Revised Prerequisites: Minimum grade of C in either ART 1300C or DIG 1940; or departmental approval

DIG 2500C Fundamentals of Interactive Design
Revised Prerequisites: Minimum grade of C in either DIG 2000C or GRA 1142C; or department approval

CJK 0007 Introduction To Law Enforcement
Revised Course Number: CJK 0001; **Revised Credit/Class/Lab Hours:** .333/10/0

CJK 0008 Law Enforcement Legal
Revised Course Number: CJK 0012; **Revised Credit/Class/Lab Hours:** 2.067/62/0

CJK 0071 Law Enforcement Criminal Investigations
Revised Course Number: CJK 0077; **Revised Credit/Class/Lab Hours:** 1.667/50/0

CJK 0082 Law Enforcement Traffic Stops
Revised Course Number: 0087; **Revised Credit/Class/Lab Hours:** 1.00/30/0

CJK 0083 Law Enforcement DUI Traffic Stops
Revised Course Number: CJK 0084

CJK 0086 Law Enforcement Traffic Crash Investigations
Revised Course Number: CJK 0088

AST 1002 Astronomy
Revised Catalog Course Description: Introductory survey of astronomical universe. Includes study of the Earth as astronomical body as well as the physical processes which govern the evolution of planetary systems, stars, galaxies and the universe in general. Much emphasis on observational evidence, historical tests, and the scientific method. This course fulfills the general education science core requirement

AST 1002H Astronomy-Honors
Revised Catalog Course Description: Same as AST 1002 with Honors content. Honors Program permission required

BOT 2010C Botany

Revised Catalog Course Description: Study of structural organization, classification, physiology, reproduction, heredity, and evolution of plants. Includes survey of plant kingdom and comparison of various plant groups. This course meets the General Education Science requirement for graduation. Students should be prepared to complete college level reading, writing, and mathematics assignments. (Additional laboratory fee required.)

BOT 2800 Ethnobotany

Revised Catalog Course Description: General education credit course. The course will emphasize the role of plants in the development of civilization, and the influence of plants on world history, politics, economics and culture. A survey of useful and harmful plants and plant products from various cultures from around the world will be explored. Students should be able to complete college level reading, writing, and mathematics assignments as part of this course

BSC 1005 Biological Science

Revised Catalog Course Description: An introduction to essential principles of biological science. Topics include, but are not limited to, the nature of science and the scientific method, chemistry for biology, cell structure, metabolism, reproduction and genetics, organisms, evolution theory, and classification of organisms. This is a general education course for non-biology majors. It is also recommended for students who need preparation before enrolling in a biology course for science majors. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education Core Science requirement for graduation

BSC 1005L Lab in Applied Biology

Purpose: Minor edit to Catalog Course Description; **Revised Catalog Course Description:** General education credit course. Biology laboratory course that will satisfy the General Education Requirement for a laboratory science at many universities and may be taken concurrently with, or independently of BSC 1005. Students should be able to complete college level reading, writing, and mathematics assignments as part of this course. Additional laboratory fee applies

BSC 1005C Biological Science

Revised Catalog Course Description: General education credit course. Same as BSC 1005 and BSC 1005L with class and lab combined. Students should be able to complete college level reading, writing, and mathematics assignments as part of this course. Additional laboratory fee applies

BSC 1010C Fundamentals of Biology I

Revised Catalog Course Description: Introduction to fundamental biological principles emphasizing common attributes of all living organisms. Unifying concepts include chemical structure of living matter, structure and function of the cell, specialized cells, major metabolic functions, control systems, reproduction, genetics, evolution and ecology. Prerequisite for advanced biology courses. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirements for graduation. (Lab Fee: \$62)

BSC 1010H Fundamentals of Biology I-Honors

Revised Catalog Course Description: Same as BSC 1010C with honors content. Honors program permission required

BSC 1011C Fundamentals of Biology II

Revised Catalog Course Description: A continuation of BSC1010C. Includes an analysis of biological systems at the organismal and supraorganismal levels: unity and diversity of life, organismal structure and function. Will examine such topics as: Darwinism, origin of life, diversity, and origin of Eukaryotes, evolution and diversity of the three Domains; animal and plant morphology, reproduction, development of animal behavior, population

biology and ecology. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirements for graduation. (Special Fee: \$62.00)

BSC 1020 Human Biology

Revised Catalog Course Description: A non-laboratory course for students not majoring in biology and includes the application scientific method and study of the human body with an emphasis on major organ systems and processes and their links to biological concepts underlying major societal and bioethical issues. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirement for graduation

BSC 1020C Human Biology

Revised Catalog Course Description: A course for students not majoring in biology that is fully integrated with a laboratory that emphasizes active learning strategies and includes application of scientific method and study of human biology with an emphasis on major organ systems and processes, human development, genetics, diseases, biochemical processes and their relation to the human body, and biological concepts underlying major societal and bioethical issues. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirement for graduation. (Special Fee: \$62.00)

BSC 1026 Biology of Human Sexuality

Revised Catalog Course Description: General, non-laboratory course designed to introduce students to various biological aspects of human sexuality, including sexual genetics and sex determination, sexual anatomy, physiology and development, processes of fertilization, pregnancy, birth control, sexually transmitted diseases, menstruation, menopause, and aging. Other appropriate areas may be discussed when time permits. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirement for graduation

BSC 2093C Human Anatomy and Physiology I

Revised Prerequisites: Satisfactory completion of all mandated courses and a minimum grade of C in BSC 1010C or MCB 2010C; or a minimum grade of B for acceptable high school courses, such as Honors Biology and Honors Chemistry; or AP Biology and AP Chemistry (Previously: Satisfactory completion of all mandated courses in reading, mathematics, English, and EAP; and a minimum grade of C in: Honors high school biology or AP biology and Honors high school chemistry or AP chemistry; or BSC 1010C); **Revised Catalog Course Description:** Scientific method, biochemical processes of life, cells, tissues, structure and function of integumentary, skeletal, muscular, endocrine and nervous systems, and organs of special senses. Lab exercises emphasize anatomic and physiologic principles associated with classroom work. This course meets the General Education science requirement for graduation. (Special Fee: \$62.00)

BSC 2094C Human Anatomy and Physiology II

Revised Catalog Course Description: Continuation of BSC 2093C, including cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems with considerable emphasis on biochemistry of metabolic processes and body fluids. This course meets the General Education science requirements for graduation. (Special Fee: \$62.00)

CHM 1025C Introduction to General Chemistry

Revised Prerequisites: Minimum grade of C in high school Honors Algebra II or MAT 1033C (Previously: One year of high school algebra or minimum grade of C in MAT 0020C or appropriate score on an approved assessment); **Revised Catalog Course Description:** Prepares students without high school chemistry or with inadequate background for CHM 1045C. Modern chemical theories used to develop understanding of fundamentals of inorganic chemistry and its applications. Emphasis on quantitative relationships, using

dimensional analysis to solve problems. Laboratory experiences are integral part of course. May not be taken for credit subsequent to earning C or better in CHM 1045C. This course meets the General Education science requirement for graduation. (Special Fee: \$73.00)

CHM 1045C Gen. Chemistry w/Qualitative Analysis I

Revised Prerequisites: CHM 1025C or one year of high school chemistry with a minimum grade of C; and MAC 1105 or honor's high school algebra II with a minimum grade of C (Previously: CHM 1025C or one year of high school chemistry with a minimum grade of C; and MAC 1102 or MAC 1105 or two years of high school algebra or an appropriate score on an approved mathematics assessment); **Revised Catalog Course Description:** A study of the basic principles of chemistry including chemical reactivity, atomic structure, chemical bonding, molecular geometry, periodicity, stoichiometry, and kinetic-molecular treatment of gases. Laboratory illustrates principles discussed in classroom. This course fulfills the general education science core requirement. (Special Fee: \$73.00)

CHM 1045H Gen. Chem. w/Qualitative Analysis I-Honors

Revised Prerequisites: CHM 1025C or one year of high school chemistry with a minimum grade of C; and MAC 1105 or honor's high school algebra II with a minimum grade of C (Previously: CHM 1025C or one year of high school chemistry with a minimum grade of C; and MAC 1102 or MAC 1105 or two years of high school algebra or an appropriate score on an approved mathematics assessment); **Revised Catalog Course Description:** Same as CHM 1045C with Honors content. Honors Program permission required. (Special Fee: \$73.00)

CHM 1046C Gen. Chem. w/Qualitative Analysis II

Revised Catalog Course Description: Continuation of CHM 1045C dealing mainly with equilibrium theory, thermodynamics, chemical kinetics and electrochemistry. Laboratory illustrates principles of ionic equilibria within framework of qualitative analysis. This course meets the General Education science requirement for graduation. (Special Fee: \$73.00).

CHM 1046H Gen. Chem. w/Qual. Analysis II-Honors

Course can satisfy the General Education science requirement for graduation

CHM 2210C Organic Chemistry I

Revised Catalog Course Description: This course deals with organic compounds, their properties, reactions, and synthesis, emphasizing dependence of properties and reaction mechanisms upon structure. Laboratory illustrates techniques of separation, identification, and purification

ESC 1000 Earth Sciences

Revised Catalog Course Description: Study of earth sciences with emphasis on geology. Additional topics selected from astronomy, oceanography and meteorology. Emphasis on Florida. This course fulfills the General Education Science Core Requirement

GLY 2010C Physical Geology

Revised Catalog Course Description: Deals with physical structure of earth. Includes effects of volcanic activity, glaciation, diastrophism (formation of major crustal features; continents; ocean beds, folds, faults, and mountain building), tectonics (structural deformation and readjustment of crust), sediments, erosional features, rock and mineral formation along with new and current geological developments. This course meets the General Education science requirement for graduation. (Special Fee: \$65.00)

GLY 2100C Historical Geology

Revised Lab Fee: \$72.00 (Previously: \$56.00)

MCB 2010C Microbiology

Revised Catalog Course Description: This lecture/lab course is designed for Health Sciences majors. Survey of microbial forms with emphasis on bacteria and viruses: morphology, physiology, genetic mechanisms and control of microorganisms. Pathogenic processes and microbes discussed in detail. This course meets the General Education science requirement for graduation

MET 1010 Introduction to Meteorology

Revised Catalog Course Description: Introduction to study of atmospheric phenomena. Includes study of atmospheric structure, heat budget, winds, air pollution, and local and regional weather forecasting. This course meets the General Education science requirement for graduation

PHY 2048C General Physics w/Calculus I

Revised Prerequisites: Minimum grade of C in MAC 2311 or higher (Previously: MAC 2311); **Revised Catalog Course Description:** Fundamental principles of mechanics and thermal physics. For physics, mathematics, chemistry, and pre-engineering majors. This course fulfills the general education science core course requirements; **Revised Lab Fee:** \$57.00 (Previously: \$56.00)

PHY 2048H General Physics w/Calculus I-Honors

Revised Prerequisites: Minimum grade of C in MAC 2311 or higher (Previously: MAC 2311); **Revised Catalog Course Description:** Same as PHY 2048C. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Revised Lab Fee:** \$57.00 (Previously: \$56.00)

PHY 2049C General Physics with Calculus II

Revised Prerequisites: Minimum grade of "C" in PHY 2048C and in MAC 2312 (Previously: Mac 2312 and a minimum grade of C in PHY 2048C or PHY 2048H); **Revised Catalog Course Description:** Fundamental principles of electricity, magnetism, optics, and waves. For physics, mathematics, chemistry and pre-engineering majors. This course meets the general education science requirement for graduation; **Revised Lab Fee:** \$57.00 (Previously: \$56.00)

PHY 2049H Gen. Physics w/Calculus II

Revised Prerequisites: Minimum grade of "C" in PHY 2048C/PHY 2048H and minimum grade of "C" in MAC 2312/MAC 2312H (Previously: Min. grade of "C" in PHY 2048C/PHY 2048H and MAC 2312/MAC 2312H); **Revised Catalog Course Description:** Same as PHY 2049C. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Revised Lab Fees:** \$57.00 (Previously: \$56.00)

APA 2934 Selected Topics in Accounting

Purpose: Lab fee revision; **Revised Lab Fee:** \$0.00 (previously: \$30.00)

CET 3464 Software Apps. In Engineering Tech

Revised Official Course Number: CET 3464C (previously: CET 3464); **Revised Catalog Course Description:** Student is introduced to engineering software applications including virtual circuit creation and analysis (P Spice), procedural programming (MATLAB), and graphical programming (LabVIEW) to solve a variety of engineering related problems. Minimum grade of C required if used to satisfy Electrical and Computer Engineering Technology B.S. degree requirement. (Special Fee: \$45.00); **Revised Credit/Class (Lecture)/Lab Hours:** 3/2/1 (previously: 3/3/0)

CET 4367C Microcontroller Devices

Revised Prerequisites: CET 2113C and CET 2123C and COP 3275 (previously: CET 2113C and CET 2123C)

CET 4382 Data Communication and Networking

Revised Catalog Course Description: An in-depth study of different layers in a computer network and processes related to each one of them. Topics include Physical, Data link, Network, Transport and Application layers and their roles in communication of data in networking. Design and performance of a network will be analyzed through mathematical techniques. Minimum grade of C required if used to satisfy Electrical and Computer Engineering Technology B.S. degree requirement; **Revised Lab Fee:** None (previously: \$37.00);

COP 3275 C/C++ Programming for Engineering Tech

Revised Official Course Number: COP 3275C (previously: COP 3275); **Revised Catalog Course Description:** A comprehensive course in computer programming using the C and C++ programming languages. Structured programming in C, especially for solving numerical problems, is covered in detail, and object-oriented programming in C++ is introduced. Computer programming is used to improve quantitative problem-solving skills by developing algorithms that apply mathematical techniques. Minimum grade of C required if used to satisfy Electrical and Computer Engineering Technology, B.S. Degree requirement. (Special Fee: \$34.00); **Revised Credit/Class (Lecture)/Lab Hours:** 3/2/1 (previously: 3/3/0);

EET 1214C Introduction to Engineering Technology

Revised Catalog Course Description: An introductory course involving laboratory environment learning. Students will learn to identify electronic components, use computer circuit simulator, solder and desolder components, and use the basic lab instruments for testing and troubleshooting. Students will be required to build a kit and demonstrate functionality and workmanship. The course will also introduce a set of curricular and co-curricular activities to improve the new student experience at Valencia College. (Special Fee: \$64.00);

EET 3086C Circuit Analysis

Revised Prerequisites: EET 1025C OR EET 1036C and CET 3464C (previously: EET 1025C OR EET 1036C and EGN 3428);

EET 3732 Linear Control Systems

Revised Catalog Course Description: This course introduces the principles of Control Systems with an emphasis on Linear Control Systems. Topics include characterization, design, and mathematical techniques required to analyze linear control systems. Minimum grade of C required if used to satisfy Electrical and Computer Engineering Technology, B.S. Degree requirement; **Revised Lab Fee:** None (previously: \$46.00);

EET 4158C Linear Integrated Circuits and Systems

Revised Credit/Class (Lecture)/Lab Hours: 3/3/1 (previously: 4/2/2);

EET 4190C Digital Signal Processing

Revised Credit/Class (Lecture)/Lab Hours: 4/3/1 (previously: 3/3/1);

ETI 3116 Quality Assurance and Testing Methods

Revised Catalog Course Description: A broad understanding of the quality assurance and control of electronic products, covering all aspects of quality assurance for components used in electronic devices, improve product quality without increasing product cost. Apply Six Sigma process, methodologies, and tools to develop robust engineering products, processes, and services. A minimum grade of C is required if used to satisfy Electrical and Computer Engineering Technology, B.S. degree requirement; **Revised Lab Fee:** None (previously: \$35.00);

ETP 4240C Power Electronics

Revised Prerequisites: EET 1141C and EET 3086C (previously: Minimum grade of C in EET 4158C);

ETP 4241 Power Systems and Energy Conversion

Revised Catalog Course Description: A study of generation and transmission of electric energy. Topics include DC and AC generators and motors, transformers, efficiency of electrical machines, three-phase systems, energy transmission, and generation plants. A minimum grade of C is required if used to satisfy Electrical and Computer Engineering Technology, B.S. degree requirement; **Revised Lab Fee:** None (previously: \$46.00);

ETS 1603 Fundamentals of Robotics and Simulation

Revised Official Course Number: ETS 1603C (previously: ETS 1603); **Revised Catalog Course Description:** An introductory course designed to familiarize the students with the basic principles of robotics and simulation. It includes basic robotics concepts, operation, classification and applications. It provides a framework for the discussion of artificial intelligence. This course also comprises basic principles of modeling and simulation as applied in different environments and systems. Students will become familiar with simulation and robotic systems. (Special Fee: \$54.00); **Revised Credit/Class (Lecture)/Lab Hours:** 3/2/1 (previously: 3/3/0);

ETS 1610 Principles of Virtual Reality

Revised Official Course Number: ETS 1610C (previously: ETS 1610); **Revised Catalog Course Description:** An introductory course in Virtual Reality (VR) technology. The student will be introduced to the physical principles, technological challenges, possibilities and limitations for the creation of virtual environments. Laboratory projects emphasize the visualization, exploration and modification of scientific data in virtual environments. (Lab Fee: \$59.00); **Revised Credit/Class (Lecture)/Lab Hours:** 3/2/1 (previously: 3/2/2);

ETS 2275 Modeling and Simulation

Revised Catalog Course Description: This course provides the student with a comprehension of modeling methods and the existing simulation types. It comprises the application of different modeling techniques utilizing physical parameters, math, computational techniques and equations. Emphasis will be placed on experimental modeling of discrete event and dynamic systems. Experimentation of some exercises will provide practical insights of modeling and simulation, and verification can be achieved by the discussion of observed behaviors. Principles of Object Oriented Programming will be discussed as how it is applied to Simulation. (Special Fee: \$35.00);

CRW 2100 Introduction to Fiction

Revised Prerequisites: None (previously: CRW 2001);

CRW 2300 Introduction to Poetry

Revised Prerequisites: None

FSS 2284C Catering and Banquet Management

Revised Official Course Number: FSS 2284 (previously: FSS 2284C); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/0 (previously 3/2/2);

HFT 2750C Convention Management and Service

Revised Official Course Number: HFT 2750 (previously: HFT 2750C); **Revised Credit/Class (Lecture)/Lab Hours:** 4/4/0 (previously: 3/3/1);

HFT 2867 Wine Essentials

Revised Official Course Number: HFT 2867C (previously: HFT 2867); **Revised Credit/Class (Lecture)/Lab Hours:** 3/2/1 (previously: 3/3/0);

ETC 1251 Engineering Materials and Processes

Revised Credit/Class (Lecture)/Lab Hours: 3/4/0 (previously: 4/4/0); **Revised Special Fee:** \$8.00 (previously: \$19.00);

ETD 1031C Intro. to Construction/Drafting Technology

Revised Credit/Class (Lecture)/Lab Hours: 3/2/1 (previously: 2/2/0); **Revised Lab Fee:** \$13.00 (previously: none);

ETD 1320 Introduction to CADD

Revised Course Number: ETD 1320C (previously: ETD 1320); **Revised Lab Fee:** \$33.00 (previously: \$44.00);

ETD 1340 Advanced CADD

Revised Course Number: ETD 1340C (previously: ETD 1340); **Revised Lab Fee:** \$33.00 (previously: \$44.00);

ETD 1701 Mechanical Drafting I

Revised Course Number: ETD 1701C (previously: ETD 1701); **Revised Lab Fee:** \$56.00 (previously: \$71.00);

ETD 2614 Electromechanical Drafting

Revised Course Number: ETD 2614C (previously: ETD 2614); **Lab Fee:** \$37.00 (previously: \$37.00 – no change);

ETD 2731 Mechanical Drafting II

Revised Course Number: ETD 2731C (previously: ETD 2731); **Revised Lab Fee:** \$56.00 (previously: \$71.00);

ETD 2355C 3-D CADD

Revised Lab Fee: \$56.00 (previously: \$36.00);

SUR 2460 Subdivisions

Revised Catalog Course Description: Plat construction from tract description to final recorded plat; plat drafting by the latest computer software; necessary computation; meaning of legal parts; current plat laws and regulations. (Special Fee: \$34.00); **Revised Official Course Number:** SUR 2460C (previously: SUR 2460); **Revised Recommended Prerequisites:** ETC 2521 and SUR 2640 (previously: ETC 2521); **Revised Lab Fee:** \$34.00 (previously: \$42.00);

BCN 1721 Construction Planning and Control

Revised Official Course Number: BCN 2721 (previously: BCN 1721); **Revised Credit/Class (Lecture)/Lab Hours:** 3/4/0 (previously: 4/4/0);

BCN 2405 Statics and Strength of Materials

Revised Credit/Class (Lecture)/Lab Hours: 3/4/0 (previously: 4/4/0);

BCT 2770 Building Construction Estimating

Revised Credit/Class (Lecture)/Lab Fees: 3/4/0 (previously: 4/4/0); **Revised Special Fee:** \$31.00 (previously: \$38.00);

CET 2179C A+ Concepts (Software)

Revised Credit/Class (Lecture)/Lab Hours: 3/2/1 (previously: 3/3/0);

CET 2854 Wireless Networks

Revised Official Course Number: CET 2854C (previously: CET 2854); **Revised Credit/Class (Lecture)/Lab Hours:** 3/2/2 (previously: 3/3/1);

CET 2792C MS Windows Server Network

Revised Official Course Title: Installing and Configuring Windows Server (previously: Microsoft Windows Server Network); **Revised Catalog Course Description:** This course provides the student with the knowledge and skills necessary for installing, configuring, managing, and supporting the latest Microsoft network infrastructure.

Major focus would be on the understanding of the network technologies most commonly used with Windows Server and IP-enabled networks. This course is part one in a series of three courses that provide the skills and knowledge necessary to implement a core Windows Server infrastructure in an existing enterprise environment. This course prepares the student for part one of the MCSA: Windows Server certification. (Special Fee: \$46.00);

CET 2793C MS Windows Server Administrator

Revised Official Course Title: Administering Windows Server (previously: Microsoft Windows Server Administrator); **Revised Catalog Course Description:** This course will provide the student with the knowledge and practical experience to perform task needed for day-to-day operations. Main topics include; managing account policies, administering Active Directory objects, managing and controlling resources, implementing group policies for security, and maximizing performance and responsiveness. (Lab Fee: \$46.00);

CET 2794C MS Windows Server Active Directory

Revised Official Course Title: Configuring Advanced Windows Server Services; **Revised Catalog Course Description:** This course is intended for Networking Professionals with hands-on experience implementing, managing and maintaining a Windows Server environment who wish to acquire the skills and knowledge necessary to perform advanced management and provisioning of services within that Windows Server environment. This course is part three in a series of three courses that provide the skills and knowledge necessary to implement a core Windows Server infrastructure in an existing enterprise environment. This course prepares the student for part three of the MCSA: Windows Server certification. (Special Fee: \$46.00);

TPA Various

Approve lab fee (TPA 2010C-new course) and adjust lab fee for the following courses: TPA 2252, TPA 2257C, and TPA 2260. In addition, add the "C" designation for those courses with lab hours that are missing the fee – TPA 2252 and TPA 2260;

HIM 1800L Professional Practice Experience I

Revised Lab Fee: \$113.00 (previously: None);

HIM 2222C Basic ICD Coding

Revised Lab Fee: \$113.00 (previously: None);

HIM 2729C Advanced ICD Coding and Reimbursement

Revised Lab Fee: \$113.00 (previously: None);

HIM 2810L Professional Practice Experience II

Revised Lab Fee: \$113.00 (previously: None);

HIM 2820L Professional Practice Experience III

Revised Lab Fee: \$113.00 (previously: None);

HSC 1149 Gen. Pharmacology for Health Professionals

Revised Prerequisites: Admission to the Health Information Technology Program;

PSG 4000L Polysomnographic Technology III Lab

Revised Lab Fee: \$55.00 (previously: None);

PSG 4001L Polysomnographic Technology IV Lab

Revised Lab Fee: \$24.00 (previously: None);

RET 4440C Cardiac Ultrasound I

Revised Co-requisites: None (previously: RET 4942L); **Lab Fee:** \$25.00 (no change);

RET 4441C Cardiac Ultrasound II

Revised Co-requisites: None (previously: RET 4943L); **Lab Fee:** \$25.00 (no change);

RET 4524 Community Health

Revised Co-requisites: None (previously: HSC 4500);

RET 4941L Internship

Revised Prerequisites: Admission into the Cardiopulmonary Program and Community Health Track; RET 4524 (previously: Admission into the Cardiopulmonary Program and Community Health Track; **Revised Co-requisites:** RET 4524 (pre- or co-requisite) (previously: RET 4034);

RET 4942L Cardiac Ultrasound Clinical Practice I

Revised Prerequisites: Admission into the B.S. degree program in Cardiopulmonary Sciences and Non-Invasive Cardiology Track; RET 4440C (previously: Admission to the B.S. degree program in Cardiopulmonary Sciences and Non-Invasive Cardiology Track; **Revised Co-requisites:** RET 4440C (pre- or co-requisite) (previously: RET 4440C);

RET 4943L Cardiac Ultrasound Clinical Practice II

Revised Prerequisites: Admission into the B.S. degree program in Cardiopulmonary Sciences and Non-Invasive Cardiology Track; RET 4441C (previously: Admission to the B.S. degree program in Cardiopulmonary Sciences and Non-Invasive Cardiology Track; **Revised Co-requisites:** RET 4441C (pre- or co-requisite) (previously: RET 4441C);

ACG 2021 Principles of Financial Accounting

Revised Official Course Title: ACG 2021C (previously: ACG 2021); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/1 (previously: 3/3/0); **Revised Lab Fee:** \$20.00 (previously: \$22.00);

ACG 2071 Principles of Managerial Accounting

Revised Official Course Title: ACG 2071C (previously: ACG 2071); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/1 (previously: 3/3/0); **Revised Lab Fee:** \$20.00 (previously: \$22.00);

ACG 2100 Intermediate Accounting I

Revised Official Course Title: ACG 2100C (previously: ACG 2100); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/1 (previously: 3/3/0);

ACG 2110 Intermediate Accounting II

Revised Official Course Title: ACG 2110C (previously: ACG 2110); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/1 (previously: 3/3/0);

ACG 2360 Cost Accounting

Revised Official Course Title: ACG 2360C (previously: ACG 2360); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/1 (previously: 3/3/0); **Revised Lab Fee:** \$20.00 (previously: \$22.00);

ACG 2450 Computer Accounting I

Revised Official Course Title: ACG 2450C (previously: ACG 2450); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/3 (previously: 3/3/0); **Revised Lab Fee:** \$20.00 (previously: \$22.00);

ACG 2460 Computer Accounting II

Revised Official Course Title: ACG 2460C (previously: ACG 2460); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/3 (previously: 3/3/0); **Revised Lab Fee:** \$20.00 (previously: \$22.00);

APA 1111 Basic Accounting

Revised Official Course Title: APA 1111C (previously: APA 1111); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/1 (previously: 3/3/0); **Revised Lab Fee:** \$20.00 (previously: \$22.00);

TAX 2000 Federal Income Tax

Revised Official Course Title: TAX 2000C (previously: TAX 2000); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/2 (previously: 3/3/0); **Revised Lab Fee:** \$20.00 (previously: \$22.00);

OST VAR Lab Fee Revisions for Various OST Courses

Purpose: Revise lab fees per attached forms, add lab hours where needed, and add the “C” designation where appropriate (*Note: some courses are only adding the “C” designation/lab hours; other courses are revising lab fee).

OST 2450 ICD-9 Coding

Revised Official Course Number: OST 2450C (previously: OST 2450); **Revised Official Course Title:** ICD Coding I (previously: ICD-9 Coding); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/1 (previously: 3/3/0);

OST 2943 Internship in Medical Office

Revised Prerequisites: Satisfactory completion of all mandated courses in reading, mathematics, English, and EAP; 12 credits, including OST 1611 OR OST 2453 OR OST 2854;

POS 2940 Internship in Civic Leadership

Revised Prerequisites: Satisfactory completion of mandated courses in reading, mathematics, English, and EAP; 2.5 institutional or overall GPA; 12 credits including completion of any 2000 level course (preferably an INR or POS course);

CIS 2943 Internship in Computer Info. Tech.

Revised Prerequisites: Satisfactory completion of all mandated courses in reading, mathematics, English and EAP; minimum 2.0 institutional or overall GPA; and 12 credits incl. CTC 1131C and CTS 1120 or CTS 1155; or Program Dir./Chair/Internship Office approval; **Revised Catalog Course Description:** This is a planned work-based experience that provides students with an opportunity to fine-tune skill sets learned in course work and enhance workplace skills through supervised practical experiences related to their career objectives. Each earned credit of Internship requires a minimum of 80 clock hours of work. Multiple credit course. May be repeated for credit up to a maximum of 4 hours, but grade forgiveness cannot be applied. (Internship Fee: \$10.00).

Sound and Music Tech. Courses Lab Fee Revisions

Revise lab fees per attached spreadsheet and add a “C” designation to the following courses: MUC 2000, MUM 2640, and MUS 2360;

Course Deletions

HIM 2721	Advanced CPT Coding and Reimbursement
HLP 1087	Fitness and Wellness for Life II
PEL 2343	Tennis III
PEM 1172	Slimnastics (Pilates)
MUM 2342	MIDI and Show Control
MUM 2604	Multi-Track Production Techniques I
MUM 2700	Small Business Marketing/Management in Music

MAC 1147	Precalculus
MTB 1304	Modern Computational Methods
MAT 0029	Developmental Math for Statistical Understanding
CAP 2023	Game Programming
COP 2222	Advanced C Programming
COP 2821	Advanced Microsoft Application Development
COP 2823	Advanced Microsoft Web Development
COT 2001	Introduction to Math and Physics for Game Programming
RTE 3590L	Computed Tomography Clinical Education
RTE 3591L	Magnetic Resonance Imaging Clinical Ed
CJK 0011	Law Enforcement Human Issues
CJK 0017	Law Enforcement Communications
CJK 0061	Law Enforcement Patrol I
CJK 0062	Law Enforcement Patrol II
CJK 0076	Law Enforcement Crime Scene Investigation
FFP 1780	Company Officer
PCB 2300C	Aquatic Biology
PCB 2308	Natural History of Florida Rivers
SPN 2201H	Intermediate Spanish II Honors
ENC 0015C	Developmental Writing I
REA 0007C	Developmental Reading I
TPA 1202	Fundamentals of Entertainment Tech.
COP N001	Oracle Build Internet App I
COP N003	Oracle DBA Fundamentals
COP N004	Oracle DBA Fundamentals II

Information Items

Field Review – The State (SCNS) has made changes in the following discipline and course. Those changes have been accepted by the department at Valencia and will be effective August 1, 2014.

Physics

PHY 2101	Modern Physics	<i>will become</i>	PHY 2105.
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Field Review – Recently, the State performed a review of the EGS prefix. The resulting changes move the prefix from Engineering-Support (EGS) to Engineering-General (EGN). The discipline continues to be Engineering General/Support. The changes recommended are listed below, and have been approved by the department:

EGS 1007	Engineering Concepts and Methods	<i>will become</i>	EGN 1007
EGS 2025	Probability & Statistics for Engineers	<i>will become</i>	EGN 2440
EGS 2310	Engineering Analysis – Statics	<i>will become</i>	EGN 2312
EGS 2321	Engineering Analysis – Dynamics	<i>will become</i>	EGN 2333
EGS 2331	Mechanics of Material	<i>will become</i>	EGN 2332
EGS 2930	Selected Topics in Engineering	<i>will become</i>	EGN 2930

HSC 1149 Effective Date - The Health Information Technology Program was approved to start Spring, 2014, but they would like to start teaching HSC 1149 this summer, as it is a prerequisite for the program, so the effective date for HSC 1149 was changed to Summer 2013.

One member noted that the effective date for the Health Information Technology program was changed to spring, 2013 at the last Curriculum Committee meeting. The correction has been made and is reflected in those minutes.

Foreign Language and Mathematics Course Substitution Lists (*list attached*) - The CCC reviewed the attached documents at the October meeting with a follow up in November based upon the Course Substitution Committee feedback. (*This was presented as a Consent Agenda item, and was approved by consensus.*)

Lab Fee Correction - The lab fee for MUM 1620C was rounded up to \$107.

Health Information Technology

- The following courses have been given new course numbers after they were submitted to the State Course Numbering System: HIM 2234C is now HIM 2729C; HIM 2283 is now HIM 2721; HIM 2500 is now HIM 2512; and HIM 2510 is now HIM 2500.
- Starting with the 2nd cycle of students admitted to the Health Information Technology Program, and going forward, students will start the program in Fall semester instead of the Spring semester.
- Change in Health Information Technology Program minimum GPA from 2.0 to 2.5 effective fall, 2014. Raising the HIT program GPA standards will help ensure students can meet the programs curriculum competencies.

DES 1051 - Dental Pain Control and Local Anesthesia - Dental hygiene courses (DEH and DES prefix) must be passed with a "C" or better for the student to continue in the program. This course does not currently have this requirement attached to it on the Dental Hygiene program sheet, and will be amended to show this requirement.

Nursing Admissions Policy Effective Date

*Last year's approved changes to the Nursing, A.S. to B.S. program's admission go into effect this year:

Complete Nursing Program Prerequisite for Admission Courses with a minimum of grade of C and a combined 3.2 average or greater in the following courses:

<u>PSY 2012</u>	GENERAL PSYCHOLOGY ^{+~}	3
<u>DEP 2004</u>	DEVELOPMENTAL PSYCHOLOGY ^{+*}	3
<u>ENC 1101</u>	FRESHMAN COMPOSITION I (<u>GR</u>) ^{+*~}	3
<u>HUN 2202</u>	ESSENTIALS OF NUTRITION WITH DIET THERAPY ⁺	3
Humanities	See Gen Ed Requirement ^{+~}	

Note: Students must achieve a combined average of 3.0 GPA or greater in the following prerequisite nursing courses:

<u>BSC 2093C</u>	HUMAN ANATOMY AND PHYSIOLOGY I ^{*~}	4
<u>BSC 2094C</u>	HUMAN ANATOMY AND PHYSIOLOGY II ^{*~}	4
<u>MCB 2010C</u>	MICROBIOLOGY ^{*~}	4

Note: If a student repeats any of the prerequisite science courses, the composite grade averages will be based upon the highest grade achieved in each science course. The science composite GPA will be factored into the determination of the minimum 3.2 average GPA for the Nursing Prerequisite for Admission Courses.

Continuing Education

- Added new link on main navigation menu that refers to CE website, catalog and contact information

Glossary

- Added Meta-Major definition