

VALENCIA COMMUNITY COLLEGE
CHANGES BETWEEN 2011-2012 and 2012-2013 CATALOGS

1. TRANSFER PLANS

- Updated the new common prerequisites in Marine Biology, Computer Science, Engineering, Horticultural Science, Political Science and Government, Public Administration, and Psychology

2. HONORS AND INTERDISCIPLINARY STUDIES PROGRAMS

- **Revised** whole section to reflect the move from an Honors Program to the James M. and Dayle L. Seneff Honors College. Changes include four new Honors tracks, program outcomes, and admission/graduation requirements within the Honors College.

3. DEGREES

- No significant changes

4. UNIVERSITY PARALLEL PROGRAM: ASSOCIATE IN ARTS (AA) DEGREE

- Added HUM 1020H into General Education under Humanities section A
- Added SPC 1017 into General Education under Communications as an option to SPC 1608
- Added PHY 2048H into General Education under Science
- Added an Articulated Pre-Major in Electrical and Computer Engineering Technology with Valencia
- Added an Articulated Pre-Major in Architecture with UCF
- Added an Articulated Pre-Major in Management and Ethics with Asbury University
- Modified Pre-Major in Dance to reflect new courses and new credit hours.
- Removed some elective options in the Articulated Pre-Major in Engineering with UCF.

**5. CAREER PROGRAMS: ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREES
ASSOCIATE IN SCIENCE (A.S.) DEGREES
APPLIED TECHNOLOGY DIPLOMA
CERTIFICATES**

- Course level changes from 2000 to 3000 level within the Advanced Technical Certificates in Magnetic Resonance Imaging and Computed Tomography
- Added PHY 1007C as a prerequisite for admission to the Respiratory Care program, and removed HSC 2550 from the program. Additionally, RET 2350C added a credit hour to keep the program at 76 hours.
- Changed order of taking OST 1467 from Foundation to Intermediate, and put OST 2464 in Foundation. Added HSC 1531 to the allowed list of courses within the Medical Information Coder/Biller Administration, A.S. degree.
- Added OST 1257 and HSC 1531 to the allowed courses in the Medical Information Coder/Biller Administration Technical Certificate.
- Created Medical Transcription and Medical Front Office specializations within the Medical Office Administration A.S. degree. Additionally, added OST 1257 and HSC 1531 to the allowed list of Foundation courses.
- Added specializations of Medical Transcription and Medical Front Office to the Medical Office Technical Certificate.

- Added new course, DES 105, reduced credit hour of DEH 2804, and deleted DEH 2504 from the Dental Hygiene A.S. degree.
- Changed program name from Graphics Technology to Graphic and Interactive Design.
- Added 4 new graphic s courses to the Electives course list: GRA 1109, GRA 2225C, GRA 2755C, and GRA 2425. Added either POS 2041 or SPC 1017 as an additional General Education requirement.
- Added Hun 1004 as an elective option for the Hospitality-Food and Beverage Management Technical Certificate.
- Added new Technical Certificate entitled, Chef's Apprentice.
- Added new Technical Certificate entitled, Culinary Arts Management.
- Added new International Business Specialization to the Business Management, Marketing, and Administration A.S. degree.
- Removed CET 2486C, CET 2178C, and CGS 1560 or CET 2179C." Added CTS 1131C, CTS 1134C, CTS 1142 Under Intermediate Courses. Removed SPC 1608 and added SPC 1017 Under Advanced Courses. Changed CIS 2910 credit hours from 4 to 3. Changed Computer Information Technology Electives from 13 to 14 .Changed note 4 to read: "CIS 2910 is taken in last semester or with departmental approval and satisfactory completion of all mandated discipline specific Foundation and Intermediate technical courses." Under notations: Changed N1 to read "Network+" Add "P1 Project+" in the Computer Information Technology A.S. degree.
Removed CET 2486C, CET 2178C, and CGS 1560 or CET 2179C. Added CTS 1131C, CTS 1134C, CTS 1142, COP 2341. "Changed Computer Information Technology Electives from 9 to 6, since COP 2341 is an existing course and had been solely an elective. It is now a prerequisite for CTS 2321 and as a result should be listed under the required courses in Computer Information Technology Analyst w/Specializations in IT Security and IT Support, Technical Certificate.
- Removed CET 2486C, CET 2178C, and CGS 1560 or CET 2179C, and added CTS 1131C, CTS 1134C, CTS 1142 in Computer Information Technology Specialist Technical Certificate.
- Removed CGS 1560 and added CTS 1131C, CTS 1142; the total Foundation credits increased from 21 to 24. Under Intermediate Courses, removed SPC 1608, and added SPC 1017. Under Advanced Courses, changed CIS 2910 credit hours from 4 to 3. Reduced Computer Programming and Analysis Electives from 10 to 8. Reduced Total Advanced Credits from 21 to 18. Under COMPUTER PROGRAMMING AND ANALYSIS ELECTIVES, changed to read: "Any course in the course description section of the Valencia catalog with the subject prefix of CAP, CET, CGS (except CGS 1060), CIS, COP, COT, or CTS." Under NOTES, change note 4 to read: "CIS 2910 is taken in the last semester or with departmental approval and satisfactory completion of all mandated discipline specific Foundation and Intermediate technical courses," in the Computer Analysis and Programming A.S. degree.
- Removed CGS 1560, and added CTS 1131C to Computer Programming with Specializations in Computer Programming, Web Development, and Game Programming Technical Certificate.
- Removed CGS 1560, and added CTS 1131C to Computer Programming Specialist w/Specializations in Computer Programming Web Development, Technical Certificate.
- Added a new course, MUM 1620C to replace MUS 1621 to the Sound and Music Technology A.S. degree.
- Added an elective to the Sound and Music Production-Audio Visual Production Technical Certificate.

- Developed two new specializations in the Digital Media Technology A.S. degree: one in Mobile Journalism and one in Web Development.

6. BACHELORS DEGREE SECTION ADDED

- Approved Cardiopulmonary Sciences B.S. degree, will not enter catalog until Spring 2013 or Fall 2013
- Changed program learning outcomes in B.S. degree om Radiologic and Imaging Sciences.
- Added A.A. Articulated PreMajor in Electrical and Computer Engineering to the list of programs for transfer into the B.S. degree in Electrical and Computer Engineering.

7. COURSE DESCRIPTIONS (ADDITIONS, MODIFICATIONS, AND DELETIONS)

Course Additions

HSC 4500 Epidemiology

Catalog Course Description: Students in this course will study the pattern of health and illness for patients with chronic disease, with discussions on a clinical approach to prevention and treatment of chronic illness. Students will learn how to identify risk factors and utilize evidence-based medicine in a clinical setting; **Prerequisites:** Admission into the Cardiopulmonary Program and Community Health Track; **Co-requisites:** RET 4524

PSG 4000 Polysomnographic Technology III

Catalog Course Description: This course introduces principles of Polysomnographic technology. Topics include: medical terminology, instrumentation setup and calibration, recording and monitoring techniques, documentation, professional issues and patient-technologist interactions related to Polysomnographic Technology. This course is designed for advanced practitioners in Polysomnographic Technology while exploring pediatric and neonatal Nuerodiagnostics, MSLT (multiple sleep latency test), pharmacology and sleep disorders, including cataplexy and narcolepsy; **Prerequisites:** A.S. degree in Respiratory Care and admission into Cardiopulmonary Science Program and Polysomnography Track; **Co-requisites:** PSG 4000L and PSG 4800L

PSG 4000L Polysomnographic Technology III Laboratory

Catalog Course Description: Provides laboratory instruction and practical experience in polysomnographic techniques used in neonatal, pediatric and adult populations. Topics include related medical terminology, conducting of a patient sleep history, patient assessment, patient preparation, instrumentation setup and calibration, MSLT (multiple sleep latency test), recording and monitoring techniques, documentation, patient-technologist interactions. This course is an extension of Polysomnographic Technology III; **Prerequisites:** A.S. Degree in Respiratory Care and Admission into Cardiopulmonary Science Program and Polysomnography Track; **Co-requisites:** PSG 4000 and PSG 4800L

PSG 4001 Polysomnographic Technology IV

Catalog Course Description: This course provides instruction in advanced aspects of Polysomnographic Technology. This course expands upon the topics covered in Polysomnographic Technology III and expands on neonatal and pediatric sleep medicine trends, biostatistics, and treatment plans. Students will become familiar with the skills and knowledge needed to obtain and evaluate high quality sleep recordings. Topics include: sleep scoring and event recognition, instrumentation setup and calibration, recording and monitoring techniques, documentation, therapeutic interventions, specialty sleep

studies and patient-technologist. **Prerequisites:** Minimum grade of “C” in PSG 4000, PSG 4000L, and PSG 4800L; **Co-requisites:** PSG 4001L and PSG 4801L

PSG 4001L Polysomnographic Technology IV Laboratory

Catalog Course Description: Provides laboratory instruction in advanced aspects of polysomnographic technology. Topics include: sleep scoring and event recognition, instrumentation setup and calibration, recording and monitoring techniques, documentation, therapeutic interventions, specialty sleep studies and patient-technologist interactions related to polysomnographic technology in the neonatal, pediatric and adult population. This course is an extension of Polysomnographic Technology IV; **Prerequisites:** Minimum grade of “C” in PSG 4000, PSG 4000L and PSG 4800L; **Co-requisites:** PSG 4001 and PSG 4801L

PSG 4800L Polysomnographic Technology Clinical III Practicum

Catalog Course Description: An introduction to polysomnographic procedures performed in the clinical setting with neonatal, pediatric and adult patients. Students will observe, perform (under supervision), and evaluate basic sleep studies. Students will be required to master the skills of: conducting a complete sleep history, patient assessment, patient preparation and instrumentation setup, calibration and operation, recording and monitoring procedures during the test, documentation, record keeping and patient-technologist interactions; **Prerequisites:** A.S. Degree in Respiratory Care and admission into Cardiopulmonary Science Program and Polysomnography Track; **Co-requisites:** PSG 4000 and PSG 4000L

PSG 4801L Polysomnographic Technology Clinical IV Practicum

Catalog Course Description: This course is designed to continue the development of skills and concepts begun in Practicum III. Students will observe, perform (under supervision), and evaluate basic and advanced sleep studies for neonatal, pediatric and adult patients. In addition, this course will focus more on the scoring of sleep studies, therapeutic interventions used, and more advanced and specialized aspects of Polysomnography designed to prepare the student for employment in any sleep lab and to take the RPSGT and/or SDS credentialing examination. Students will be required to master the skills of: sleep scoring and event recognition, CPAP titration, therapeutic and pharmacological interventions, specialty sleep studies and patient-technologist interactions related to Polysomnographic Technology; **Prerequisites:** Minimum grade of “C” in PSG 4000, PSG 4000L and PSG 4800L; **Co-requisites:** PSG 4001 and PSG 4001L

RET 3287 Cardiopulmonary Diagnostics I,

Catalog Course Description: This course is designed to provide students with an understanding of non-invasive cardiopulmonary diagnostic procedures. These primary diagnostic studies include complete pulmonary function studies with data analysis, cardiac monitoring with interpretation, stress testing protocols and treatment plans; **Prerequisites:** A.S. Degree in Respiratory Care or A.S. Degree Cardiovascular Technology, and state or national credential within discipline; **Co-requisites:** None

RET 3354 Medical Pharmacology

Catalog Course Description: This course is designed to provide students with a broad understanding of pharmaceutical therapy for acute and chronic illness in patients with cardiopulmonary disease. Topics will include the identification of drug classes, administration techniques, and elimination of the drug by the body, as well as research and development; **Prerequisites:** A.S. Degree in Respiratory Care or A.S. Degree Cardiovascular Technology, and state or national credential within discipline; **Co-requisites:** None

RET 3536 Cardiopulmonary Rehabilitation

Catalog Course Description: This course is designed to provide students with a comprehensive understanding of cardiopulmonary rehabilitation. Students will learn how to optimize the quality of life for chronically ill patients with cardiopulmonary disease through rehabilitation, education and outpatient management; **Prerequisites:** A.S. Degree in Respiratory Care or A.S. Degree Cardiovascular Technology, and state or national credential within discipline; **Co-requisites:** None

RET 3715 Neonatal Medicine

Catalog Course Description: This course will provide students an overview of fetal and neonatal development and physiology of the cardiopulmonary system. Normal and abnormal physiology, diagnostics, and possible treatment available to the neonatal patient will be discussed. An examination of trends and technology utilized for neonatal care will be researched; **Prerequisites:** A.S. Degree in Respiratory Care or A.S. Degree Cardiovascular Technology, and state or national credential within discipline; **Co-requisites:** None

RET 4034 Problems in Patient Management

Catalog Course Description: This course is designed to provide an understanding of patient management within acute care facilities, long term care, outpatient centers, and homecare environments. Students will learn how to utilize the resources that support patient care with acute and chronic cardiopulmonary disease in our community; **Prerequisites:** Admission into the Cardiopulmonary Program and Community Health Track; **Co-requisites:** RET 4942

RET 4288 Cardiopulmonary Diagnostics II

Catalog Course Description: This course is designed to provide students with an understanding of invasive cardiopulmonary diagnostic procedures. These primary diagnostic studies include diagnostic/therapeutic bronchoscopy, perfusion scans, pulmonary artery catheterization and electrophysiology; **Prerequisites:** A.S. Degree in Respiratory Care or A.S. Degree Cardiovascular Technology, and state or national credential within discipline; **Co-requisites:** None

RET 4285 Critical Care Management

Catalog Course Description: This course provides an overview of critical care management for patients in an acute care facility. This scenario-based discussion focuses on critically ill patients and the collaborative work and resources available for allied health disciplines and physicians delivering patient care; **Prerequisites:** A.S. Degree in Respiratory Care or A.S. Degree Cardiovascular Technology, and state or national credential within discipline; **Co-requisites:** None

RET 441C Vascular Ultrasound

Catalog Course Description: This course presents an introduction to non-invasive vascular medicine including those tests performed for the purpose of the diagnosis and treatment of vascular disease. The course is designed to introduce students to the physics of ultrasound technology, as well as medical sonography where students can apply the use of scanning vascular extremities, cerebrovascular principles and arterial procedures; **Prerequisites:** Admission into the Non-Invasive Cardiology Track; **Co-requisites:** RET 4903

RET 440C Cardiac Ultrasound

Catalog Course Description: This course presents an introduction to non-invasive cardiology, including those tests performed for the purpose of the diagnosis and treatment of cardiovascular disease. The course is designed to introduce students to the physics of ultrasound technology, as well as medical sonography where students can apply the use of scanning cardiac circulation, cardiac valves and

myocardium; **Prerequisites:** Admission into the Non-Invasive Cardiology Track; **Co-requisites:** RET 4904

RET 4524 Community Health

Catalog Course Description: This course provides an overview of the public health system. Students will discuss how to provide education involving disease management for acute and chronic cardiopulmonary illness. The course will discuss state and local emergency management, reimbursement, and legislation; **Prerequisites:** Admission into the Cardiopulmonary Program and Community Health Track; **Co-requisites:** HSC 4500

RET 4903 Research in Vascular Ultrasound

Catalog Course Description: This course provides an overview of advanced practice in non-invasive vascular diagnostic modalities. The focus of this course is the management of the disease from the patient perspective, extending from diagnosis to treatment; **Prerequisites:** Admission into the and Non-Invasive Cardiology Track; **Co-requisites:** RET 4441C

RET 4904 Research in Cardiac Ultrasound

Catalog Course Description: This course provides an overview of advanced practice in non-invasive cardiovascular diagnostic modalities. The focus of this course is the management of the disease from the patient perspective, extending from diagnosis to treatment; **Prerequisites:** Admission into the Cardiopulmonary Program and Non-Invasive Cardiology Track; **Co-requisites:** RET 4440C

RET 4914 Research Methods and Information Literacy

Catalog Course Description: Research methods and information literacy are important because the health care profession is continually changing, which requires healthcare practitioners to possess new knowledge to function competently. The healthcare practitioner should contribute to the body of knowledge and be able to effectively analyze resources to promote growth in the profession. The attitude of lifelong learning enables the healthcare practitioner to stay in step with the current health care environment and be prepared to help foster the future and increase awareness of the profession in the global community. This content is geared to increase and disseminate intellectual inquiry, information literacy and the use of scholarly research methods; **Prerequisites:** A.S. Degree in Respiratory Care or A.S. Degree Cardiovascular Technology, and state or national credential within discipline; **Co-requisites:** None

RET 4942 Internship

Catalog Course Description: This course is designed to provide students with community health partners in order to promote, support, and deliver quality healthcare for our patients with cardiopulmonary disease. Students will learn how engaging ideas to solve problems in healthcare delivery, access and prevention are addressed; **Prerequisites:** Admission into the Cardiopulmonary Program and Community Health Track; **Co-requisites:** RET 4034

HLP 1093 Meditation for Stress Management

Catalog Course Description: This experiential course is an introduction to the art and science of meditation for stress management. Topics include the benefits of meditation, meditation techniques, breath work, meditation and health, and meditation for everyday living. This course will help students find the type of meditation that is best for them enabling them to establish a personal meditation practice. This course is suitable for all students, regardless of physical limitations. (Special Fee: \$5.00); **Pre- and Co-requisites:** None

HSC 1180 Tai Chi

Catalog Course Description: Tai Chi is a self-paced system of gentle physical exercise and stretching. Students will learn how to perform a series of postures and movements in a slow graceful manner to help improve overall health and fitness. (Special Fee: \$5.00); **Pre- and Co-requisites:** None

HUM 1020H Introduction to Humanities-Honors

Catalog Course Description: Same as HUM 1020. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Prerequisites:** Admission to Valencia Honors Program; **Co-requisites:** None

IDH 2955 Honors Study Abroad

Catalog Course Description: Students enrolled in this course will earn credit for participation in approved study abroad programs in the Valencia Honors Program. Course content will vary each year, but will involve activities that satisfy at least one of the following program outcomes: 1) Recognize and weigh different perspectives in primary and secondary sources; 2) Produce original work and scholarly research; and 3) Connect learning across academic disciplines; **Pre- and Co-Requisites:** None

PHY 2048H General Physics with Calculus I-Honors

Catalog Course Description: Same as PHY 2048C. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required. (Special Fee: TBD); **Prerequisites:** Minimum grade of C in MAC 2312; **Co-requisites:** None

GEB 2942 Internship in Business

Catalog Course Description: This course is a planned work-based experience that provides students with an opportunity to fine-tune skills learned in class 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, but grade forgiveness cannot be applied. (Internship Fee: \$10.00); **Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; a minimum 2.0 institutional or overall GPA; and 12 credits, including GEB 1011, or ACG 2021, or BUL 2241, or ECO 2013, or ECO 2023. The Program Director/Program Chair/Program Coordinator or Internship and Workforce Services Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses; **Co-requisites:** None

RMI 2942 Internship in Insurance

Catalog Course Description: This course is a planned work-based experience that provides students with an opportunity to fine-tune skills learned in class and enhance workplace skills through supervised practical experience 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, but grade forgiveness cannot be applied. (Internship Fee: \$10.00); **Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; a minimum 2.0 institutional or overall GPA; and 12 credits, including GEB 1011 and RMI 1201 or RMI 1521. The Program Director/Program Chair/Program Coordinator or Internship and Workforce Services Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses; **Co-requisites:** None

DES 1051 Dental Pain Control and Local Anesthesia

Catalog Course Description: This course covers pain control in dentistry, including topical and local anesthetics, nitrous oxide sedation, and the use of analgesics; **Prerequisites:** DES 1020 and DES 1020L; **Co-requisites:** None

GRA 1109 History of Graphic Design

Catalog Course Description: This course explores the contemporary, historical, cultural and technological trends and advances which influence graphic design industry practices of today ; **Prerequisites:** None

GRA 2425 Business and Ethics of Graphic Design

Catalog Course Description: This course helps students understand fundamental business operations, procedures, contracts, copyright laws, etiquette, and ethical concerns specific to the graphic design industry; **Prerequisites:** Minimum grade of C in GRA 2156C; **Co-requisites:** None

GRA 2225C Advanced Typography

Catalog Course Description: This course provides students with the opportunity to advance their typographic understanding and application beyond the fundamental level. Students will be given the opportunity to design advanced typographic solutions for their visual portfolio (Special Fee: \$46.00); **Prerequisites:** Minimum grade of C in GRA 1206C and GRA 1413; **Co-requisites:** None

GRA 2755C Web Development for Designers

Catalog Course Description: This course allows front-end web designers to further develop their skills and understanding in current industry-standard back-end web development (Special Fee: \$46.00); **Prerequisites:** Minimum grades of C in GRA 2143C and GRA 2132C; or Department approval; **Co-requisites:** None

FIN 2051 International Finance

Catalog Course Description: This course is designed for the student to learn the basic concepts and principles of international finance, with consideration of the financial environment, transactions, and flows. Exchange rates, risks, and government policies affecting business are analyzed as well as management policies and decisions; **Prerequisites:** Minimum grade of C in GEB 1350; **Co-requisites:** None

MAR 2150 International Marketing

Catalog Course Description: This course examines marketing concepts and strategies as applied to global markets. Students will explore the implications of organizing people, process, and technology given the influences of ideas, culture, laws, and economics. The course is intended to be more hands-on, although students will use a combination of text, lectures, case studies, outside reading, company research, video, group work, and presentation to enhance learning and practicing skills; **Prerequisites:** Minimum grade of C in GEB 1350; **Co-requisites:** None

CGS 2650 Social Networking for Job Search

Catalog Course Description: This course will teach students to utilize current industry social media as well as job search techniques related specifically to Information Technology. Students will explore Twitter, Facebook, LinkedIn, YouTube, and creating a digital portfolio to help find a job. Students should have some computer competency using the web and search engines; **Prerequisites:** None; **Co-requisites:** None

CTS 1131C Computer Maintenance Essentials

Catalog Course Description: Provides detailed information on computer hardware, operating systems and networks. Students learn to install, configure, upgrade and replace computer system components; troubleshoot and upgrade hardware and peripherals; install, administer, troubleshoot and secure Windows and Linux operating systems; implement and secure a small network. At the end of this course students are prepared to take the CompTIA A+ certification examinations. (Special Fee: \$46.00); **Prerequisites:** None; **Co-requisites:** None

CTS 1134C Network Essentials

Catalog Course Description: This course introduces networking concepts and terminology, including Data Communications and Network Services, OSI Model, Network Topologies, Network Media, Connectivity Devices and Security. At the end of this course students are prepared to take the CompTIA Network+ certification examination. (Special Fee: \$ 46.00); **Prerequisites:** None; **Co-requisites:** None

CTS 1142 Information Technology Project Management

Catalog Course Description: This course will enable the student to use a variety of project management techniques that can be applied in an information technology project context. The student will gain knowledge in the areas of integration management, scope management, time management, cost management, and quality management, which will serve as a foundation for an information technology project management position. This course maps to the objectives of CompTIA's Project+ certification and the Project Management Institute's Project Management Professional certification exams; **Prerequisites:** CGS 2100; **Co-requisites:** None

MUC 1211 Applied Music Composition

Catalog Course Description: Private applied lessons for music majors in music composition. Concurrent enrollment is required in music theory, appropriate ensemble, performance seminar, and keyboard class (excluding piano majors). Multiple credit course. May be repeated for credit up to a maximum of four credits, but grade forgiveness cannot be applied. (Special Fee: \$120.00); **Prerequisites:** Audition by music faculty; **Co-requisites:** Music theory, appropriate ensemble, performance seminar, and keyboard class (excluding piano majors)

MUM 1620C Introduction to Acoustics and Audio

Catalog Course Description: An introduction to fundamental concepts of Acoustics, Psychoacoustics, and Electroacoustics with emphasis on practical applications in professional audio (Special Fee: \$86.00); **Prerequisites:** Minimum grade of C in MUT 1011C or MUT 1111; **Co-requisites:** None

CRW 2100 Introduction to Fiction

Catalog Course Description: Introduction to Fiction is a fiction-genre specific class. Students will write original work to be submitted for critique and will critique the work of other students in interactive workshops during class. Students will be introduced to the conventions of fiction through selected readings; **Prerequisites:** CRW 2001; **Co-requisites:** None

CRW 2102 Fiction II

Catalog Course Description: Fiction II is a fiction-genre specific class. Students will write original work to be submitted for critique and will critique the work of other students in interactive workshops during class. Students will continue to explore the conventions of fiction through selected readings and refine their understanding of contemporary fiction through reader response assignments; **Prerequisites:** CRW 2100; **Co-requisites:** None

CRW 2300 Introduction to Poetry

Catalog Course Description: Introduction to poetry is a poetry-genre specific class. Students will write original work to be submitted for critique and will critique the work of other students in interactive workshops during class. Students will be introduced to the conventions of poetry through selected readings; **Prerequisites:** CRW 2001; **Co-requisites:** None

CRW 2301 Poetry II

Catalog Course Description: Poetry II is a poetry-genre specific class. Students will write original work to be submitted for critique and will critique the work of other students in interactive workshops during class. Students will continue to explore the conventions of poetry through selected readings and refine their understanding of contemporary poetry through reader response assignments; **Prerequisites:** CRW 2300; **Co-requisites:** None

CRW 2930 Selected Topics in Creative Writing

Catalog Course Description: Selected topics in creative writing based on the needs and areas of the class and professor. May include laboratory and/or field work as part of the class. Multiple credit course. May be repeated for up to 6 hours of credit, but grade forgiveness cannot be applied; **Prerequisites:** Department approval; **Co-requisites:** None

DAA 1160 Modern Dance III for Pre-Majors

Catalog Course Description: Students will refine modern dance technique through assimilation, accuracy, application and recall. Performance techniques and knowledge of modern dance technique through choreographic works will be explored. Multiple credit course. May be repeated for credit for a maximum of 4 credit hours, but grade forgiveness cannot be applied; **Prerequisites:** DAA 1104 and DAA 1105; or department approval; **Co-requisites:** None

DIG 1102C Introduction to Client-Side Programming

Catalog Course Description: Covers basic programming knowledge applied to front-end web technology with a focus on the JavaScript programming language. (Special Fee: \$36.00); **Prerequisites:** None; **Co-requisites:** None

DIG 1108C Introduction to Server-Side Programming

Catalog Course Description: Covers basic programming knowledge applied to back-end web technology with a focus on the PHP programming language. (Special Fee: \$36.00); **Prerequisites:** None; **Co-requisites:** None

DIG 1940 Professional Development for Digital Media

Catalog Course Description: The student will perform self-reflective exercises to determine working and learning styles, research industry positions, learn basic job hunting skills, attend meetings of professional organizations, and learn how to develop and present their work; **Prerequisites:** None; **Co-requisites:** None

DIG 1631C Digital Industry Practices

Catalog Course Description: The business practices of digital media industries are examined with special emphasis on project management, legal issues, teamwork, contracts, communication, and revenue. (Special Fee: \$36.00); **Prerequisites:** None; **Co-requisites:** None

DIG 2106C Advanced Client-Side Programming

Catalog Course Description: Covers event-driven programming, manipulating the Document Object Model, client-side event handling, and HTML forms with an industry-standard JavaScript framework. (Special Fee: \$36.00); **Prerequisites:** Minimum grades of C in DIG 1102C and DIG 2100C; OR minimum grades of C in COP 1000 and COP 2282; or department approval; **Co-requisites:** None

DIG 2107C Advanced Server-Side Programming

Catalog Course Description: Covers the interaction of client requests over the internet, web services (PHP, HTML, HTTP) Business Objects and Business Logic Software design patterns, and generating responses over a server. (Special Fee: \$36.00); **Prerequisites:** Minimum grades of C in DIG 1108C and DIG 2100C and DIG 1940; OR minimum grades of C in COP 1000 and COP 2282; or department approval; **Co-requisites:** None

DIG 2092C Ethics of Web Development

Catalog Course Description: Students will explore community contribution, open source etiquette, attribution and the ethical questions surrounding social media and work for hire. (Special Fee: \$36.00); **Prerequisites:** Minimum grade of C in DIG 1631C; or department approval; **Co-requisites:** None

DIG 2101C Advanced Web Essentials

Catalog Course Description: Students will learn about cross-browser compatibility, the terminology of internet systems, and advanced CSS techniques. (Special Fee: \$36.00); **Prerequisites:** Minimum grades of C in DIG 2100C and either DIG 2000C or GRA 1142C; or department approval; **Co-requisites:** None

DIG 2561C Project Management for Digital Media

Catalog Course Description: This course covers planning and managing the creative and technical requirements of a web or multimedia project. Topics include project scheduling, budgeting, tracking, and reporting. (Special Fee: \$36.00); **Prerequisites:** Minimum grade of C in DIG 2106C or DIG 2107C; or department approval; **Co-requisites:** None

DIG 2312C Introduction to ActionScript

Catalog Course Description: Reinforces basic programming concepts inside the Adobe Flash environment. Students will learn the basics of the Flash interface along with beginning to intermediate level coding inside ActionScript. (Special Fee: \$53.00); **Prerequisites:** Minimum grades of C in DIG 1102C and DIG 1940; or department approval; **Co-requisites:** None

DIG 2317C Advanced ActionScript

Catalog Course Description: Using industry-standard authoring software and scripting languages, students author, optimize, and debug an advanced, interactive presentation through various stages of development. Special attention is given to creating interactive projects and interfaces. (Special fee: \$53.00); **Prerequisites:** Minimum grades of C in DIG 1108C and DIG 2312C; or department approval; **Co-requisites:** None

DIG 2170C Web Application Development

Catalog Course Description: Given a set of requirements, students will build a complete application, from modeling the data to the final display of the page. (Special Fee: \$36.00); **Prerequisites:** Minimum grades of C in DIG 2106C and DIG 2107C and DIG 2561C and COP 2341; or department approval; **Co-requisites:** None

DIG 2822C Electronic Journalism

Catalog Course Description: Students will learn the fundamentals of electronic news gathering. Topics to be covered include shooting and editing a news package, as well as writing and producing techniques. (Special Fee: \$118.00); **Prerequisites:** Minimum grades of C in DIG 1940 and DIG 2030C; or department approval; **Co-requisites:** None

DIG 2431C Advanced Digital Storytelling

Catalog Course Description: Students create purpose-driven narratives utilizing industry-standard software. (Special Fee: \$70.00); **Prerequisites:** Minimum grade of C in DIG 2430C; or department approval; **Co-requisites:** None

DIG 2941 Internship Exploration in Digital Media

Catalog Course Description: This course is a planned work-based experience that provides students with supervised career exploration activities and/or practical experiences to assist in confirming their educational plans. Each earned credit of Internship requires a minimum of 80 clock hours of work. Multiple credit course. May be repeated for up to four credits, but grade forgiveness cannot be applied. (Internship Fee: \$10.00); **Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes. A minimum 2.0 institutional or overall GPA; and 12 credits, including a minimum grade of C in DIG 2000C. The program director/program chair/program coordinator or Internship & Workforce Services Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses.; **Co-requisites:** None

Course Modifications**INT 2203 Interactive Interpreting IV**

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

EMS 1119 Fundamentals of Emergency Medical Technology

Revised Prerequisites: Minimum PERT scores of 84 on reading, 90 on writing, and 96 on math or equivalent scores on other state-approved entry test (CPT); **OR** minimum grades of C in either REA 0007C or EAP 1520C, and in either ENC 0015C or EAP 1540C, and in MAT 0018C; **OR** a minimum PERT score of 96 or equivalent score on other state-approved entry test (CPT) or minimum grade of C in MAT 0018C, and a minimum LOEP score of 106. (previously, there were no prerequisites)

DAA ALL All Dance Classes (per list)

Revised Lab Fees: (list below):

<u>Course Number</u>	<u>Course Title</u>	<u>Revised Fee</u>	<u>Previous Fee</u>
DAA 1104	Modern Dance I for Pre-Majors	\$20	\$25
DAA 1105	Modern Dance II for Pre-Majors	\$20	\$25
DAA 2107	Intermediate Modern Dance II for Pre-Majors	\$20	\$25
DAA 1204	Ballet I For Pre-Majors	\$15	\$25
DAA 1205	Ballet II For Pre-Majors	\$15	\$25
DAA 2207	Intermediate Ballet I for Pre-Majors	\$15	\$25
DAA 2219	Intermediate Ballet II for Pre-Majors	\$15	\$25

<u>Course Number</u>	<u>Course Title</u>	<u>Revised Fee</u>	<u>Previous Fee</u>
DAA 2206	Ballet III for Pre-Majors	\$15	\$25
DAA 1220	Pointe I	\$15	\$25
DAA 1221	Pointe II	\$15	\$25
DAA 2501	Jazz Dance II	\$15	\$25
DAA 1650	Dance Production	\$60	\$25
DAA 1680	Repertory I for Pre-Majors	\$60	\$25
DAA 1681	Repertory II for Pre-Majors	\$60	\$25
DAA 2611	Dance Composition and Improvisation II for Pre-Majors	\$20	\$25

EUH 2000 Western Civilization to 1750

Revised Official Course Title: Western Civilization I (previously “Western Civilization to 1750”); **Revised Catalog Course Description:** Survey of ancient, medieval and early modern western civilization with emphasis on political, social and economic development. Examines the ancient world, classical antiquity, the Middle Ages, the Renaissance, the Reformation and the age of religious wars, the origins of the modern state, and other topics. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple writing assignments. Minimum grade C required if EUH 2000 is used to satisfy Gordon Rule requirement.

EUH 2001 Western Civilization 1750 to Present

Revised Official Course Title: Western Civilization II (previously, “Western Civilization 1750 to Present”); **Revised Catalog Course Description:** Survey of modern western civilization, with emphasis on constitutionalism & absolutism, Enlightenment, 18th century revolutions and Napoleonic era, industrialization and social unrest, unification of Italy and Germany, world wars, the Cold War, and other topics. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple writing assignments. Minimum grade of C required if EUH 2001 is used to satisfy Gordon Rule requirement.

GRA 1203C Layout, Design and Copy Preparation

Revised Catalog Course Description: A practical course in planning and visualizing advertising and industrial copy. The student converts rough ideas and designs into comprehensive layouts from which are prepared print-ready layouts. Experiments are conducted with various media involving design, balance, and color psychology. (Special Fee: \$46.00); **Revised Credit/Class (Lecture)/Lab Hours:** 3/3/1 (previously, 3/2/2/).

GRA 1413 Professional Development for Designers

Revised Catalog Course Description: Students will learn basic job hunting skills, how to prepare a resume, prepare for a job interview, learn to write a cover letter, and learn how to develop and present a portfolio.

GRA 1933C Fundamentals of Creative Thinking

Revised Catalog Course Description: A course designed to encourage creative thinking and problem solving for graphics students through group and individual projects, activities and discussions. The course will include a study of characteristics of a creative mind, alternative design approaches, creative process, creative problem solving, assessing and increasing growth of creative potential. (Special Fee: \$46.00)

GRA 2113C Advanced Graphic Design I

Revised Catalog Course Description: Addresses practical problems relevant to contemporary industry standards in graphic communications. Emphasis on producing layouts and comprehensive in black and white and color. Various up-to-date methods of production utilized. (Special fee: \$46.00).

GRA 2121C Publication Design

Revised Catalog Course Description: This course is designed to provide students with hands on usage of high-end publishing software and hardware for the production of quality publications. A focus on good graphic design skills will include: composition, layout, typography, pagination, style, balance, format and project planning. (Special Fee: \$46.00).

GRA 2156C Adobe Illustrator

Revised Catalog Course Description: A course covering the concepts of electronic publishing and the ability to create and manipulate full color graphic illustrations. Students will receive training on Adobe Illustrator or the most current vector illustration program standard in the industry. Class lecture will be supported with handouts and demonstrations. (Special Fee: \$46.00).

PHY 2048C General Physics with Calculus I

Revised Catalog Course Description: Fundamental principles of mechanics and thermal physics. For physics, mathematics, chemistry, and pre-engineering majors. (Special Fee: \$50).

PHY 2049C General Physics with Calculus II

Revised Catalog Course Description: Fundamental principles of electricity, magnetism, optics, and waves. For physics, mathematics, chemistry, and pre-engineering majors. (Special Fee: \$56).

SPC 1017 Informal Communication

Revised Official Course Title: Interpersonal Communication (previously, Informal Communication);

Revised Catalog Course Description: Students explore a range of communication concepts and topics from interpersonal communication, to small group communication, to public speaking. Students develop skills to put the communication principles to work.

DEH 2701 Community Dental Health I

Revised Catalog Course Description: Introduces students to the study of various aspects of community dentistry/public health, including basic concepts of analysis, planning, implementation, and evaluation in public health. Statistical analysis, research methodology, and dental health presentations to groups are also covered; **Revised Co-Requisites:** None (previously: DEH 2804 and DEH 2804L).

DEH 2702 Community Dental Health II

Revised Catalog Course Description: Gives student dental hygienists an opportunity to apply concepts and methods learned in DEH 2701 to a community project which students design and implement.

DEH 2300 Pharmacology

Revised Prerequisite: None (previously: Acceptance to Dental Hygiene A.S. Degree Program).

RET 2350 Pharmacology

Revised Official Course Title: Respiratory Pharmacology (previously, Pharmacology); **Revised Credit/Class (Lecture)/Lab Hours:** 4/3/3 (previously 3/3/0).

RET 4285 Critical Care Management

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

PSY 1012 General Psychology

Purpose: The purpose of the change is to align our common course number with other colleges and universities; **Revised Course Number:** PSY 2012 (previously PSY 1012).

PSY 1012H General Psychology-Honors

Purpose: The purpose of the change is to align our common course number with other colleges and universities; **Revised Course Number:** PSY 2012H (previously PSY 1012H).

PHY 2049C General Physics with Calculus II

Revised Prerequisites: MAC 2312 and a minimum grade of "C" in PHY 2048C (Previously, PHY 2048C).

HSC 4555 Pathophysiology

Purpose: To make the course applicable to both Cardiopulmonary and Radiologic and Imaging Sciences B.S. degree programs; **Revised Catalog Course Description:** A rich appreciation of the characteristics and manifestations of diseases caused by alterations or injury to the structure or function of the body are essential to the allied health science professional. The in-depth study of pathophysiology allows the professional to communicate better with other health care professionals, including physicians and scientists, as well as with the patient, for the history and physical assessment. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences or Cardiopulmonary Sciences B.S. degree requirements; **Revised Prerequisites:** Admission to the B.S. degree program in Radiologic & Imaging Sciences or Cardiopulmonary Sciences (Previously: None).

RTE 3765 Anatomy for the Medical Imager

Revised Catalog Course Description: An advanced study of normal anatomical structures to include location, relationship to other structures, and function. Identification of anatomical structures in multiplanar sections will be achieved using diagrams and diagnostic images comparing Computed Tomography, Magnetic Resonance Imaging, and Ultrasound images, when applicable. Minimum grade of C required if used to satisfy Radiologic & Imaging Sciences B.S. degree requirements.

RTE 4206 RTE Leadership

Purpose: Request to change prefix to "HSA" and the Official Course Title to "Leadership in Healthcare." This is to make the course applicable to both Cardiopulmonary and Radiologic & Imaging Sciences BS degree programs. The State (SCNS) has returned the new prefix and number as "HSA 4184;" **Revised Official Course Number:** HSA 4184 (Previously: RTE 4206); **Revised Official Course Title:** Leadership in Healthcare (Previously: RTE Leadership); **Revised Catalog Course Description:** This course involves the study of the theories, principles and skills needed to function in a leadership position. Emphasis is placed on the development of competencies applicable to not only your professional practice but also your role as a member of the community. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences or Cardiopulmonary Sciences B.S. degree requirements.

RTE 4914 Research Methods and Information Literacy

Purpose: Prefix will be changed to "HSA" and the course description will be modified in order to make the course applicable to both Cardiopulmonary and Radiologic & Imaging Sciences BS degree programs. Slight change in prerequisite, as well. (New prefix and number assigned by SCNS - HSA 4702); **Revised Official Course Number:** HSA 4702 (Previously: RTE 4914); **Revised Catalog Course Description:** Research methods and information literacy are important because the health care

profession is continually changing, which requires the allied health professional to possess new knowledge to function competently. The allied health professional should contribute to the body of knowledge and be able to effectively analyze resources to promote growth in the profession. The attitude of lifelong learning enables the professional to stay in step with the current health care environment and be prepared to help foster the future and increase awareness of the profession in the global community. This content is geared to increase and disseminate intellectual inquiry, information literacy and the use of scholarly research methods. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences or Cardiopulmonary Sciences B.S. degree requirements; **Revised Prerequisites:** Minimum grade of C in STA 2023 and admission into a BS degree program in Radiologic & Imaging Sciences or Cardiopulmonary Sciences.

RTE 4941L Practicum

Revised Prerequisites: A minimum grade of C in specified concentration coursework, as follows: Quality Management – RTE 4474 and RTE 3765; or Magnetic Resonance Imaging – RTE 3591 and RTE 3765; or Computed Tomography - RTE 3590 and RTE 3765 (Previously: A minimum grade of C in specified concentration coursework, as follows: Quality Management – RTE 4474 and RTE 3205; or Magnetic Resonance Imaging – RTE 3591 and RTE 3592; or Computed Tomography - RTE 3590 and RTE 4474).

OST 1108 Building Keyboarding Speed and Accuracy

Revised Prerequisites: OST 1100 OR OST 1110; or department approval (previously: None).

OST 1110 Keyboarding and Document Processing II

Revised Prerequisites: OST 1100; or department approval (previously: None).

OST 1461 Medical Office Simulation

Revised Prerequisite: Minimum grades of C in OST 1611 and OST 2612 (previously: OST 1611).

OST 1467 Introduction to Body Systems for OST

Revised Prerequisites: Minimum grade of C in OST 1257 or minimum grade of C in HSC 1531 (previously: OST 1257 or HSC 1531).

OST 1601 Machine Transcription

Revised Prerequisite: OST 1100; or department approval (previously: None).

OST 2450 ICD-9 Coding

Revised Prerequisite: Minimum grade of C in OST 1467; or department approval (previously: BSC 2093C or OST 1467).

OST 2452 Advanced ICD-9 Coding

Revised Prerequisite: Minimum grade of C in OST 2450 (previously: OST 2450).

OST 2453 CPT-4 Medical Coding

Revised Prerequisite: Minimum grade of C in OST 2450 (previously: OST 2450).

OST 2454 Advanced CPT-4 Medical Coding

Revised Prerequisite: Minimum grade of C in OST 2453 (previously: OST 2453); **Revised Co-requisite:** OST 2466; or Department approval (previously: None).

OST 2466 Capstone Simulation for Coding

Revised Prerequisite: OST 2452 (previously: OST 2452 and OST 2454); **Revised Co-requisite:** OST 2454; or Department approval (previously: None).

DEH 2804 Dental Hygiene III

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

GRA 2160C Computer Animation

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

MGF 1106 College Mathematics

Revised Prerequisites: Minimum grade of C in MAT 1033C; or MAC 1105; or STA 2023; or satisfactory score on an approved assessment; or department approval (Previously, Minimum grade of C in MAT 1033C or MAC 1102 or MAC 1104 or MAC 1105 or appropriate score on an approved assessment or department approval).

MGF 1107 Mathematics for the Liberal Arts

Revised Prerequisites: Minimum grade of C in MAT 1033C; or MAC 1105; or STA 2023; or appropriate score on an approved assessment (Previously, Minimum grade of C in MAT 1033C or MAC 1102 or MAC 1104 or MAC 1105 or appropriate score on an approved assessment).

ART 1201C Design I

Revised Lab Fees: \$25.00 (previously, \$21.00).

ART 2400C Printmaking I

Revised Lab Fees: \$25.00 (previously, \$40.00).

ART 2401C Printmaking II

Revised Lab Fees: \$25.00 (previously, \$40.00).

OST 2454 Advanced CPT-4 Medical Coding

Revised Lab Fees: \$23.00 (previously, \$34.00).

OST 2466 Capstone Simulation for Coding

Revised Lab Fees: \$23.00 (previously, \$34.00).

FSS 2055C Contemporary Cakes and Desserts

Revised Prerequisites: FSS 2061C (previously, FSS 2054C); **Revised Co-requisites:** None (previously, FSS 2054C).

FSS 2059C Chocolates and Confections

Revised Prerequisites: FSS 2058C (previously, FSS 2056C).

SLS 1261 Leadership Development

Revised Official Course Number: SLS 2261H (previously, SLS 1261); **Revised Official Course Title:** Leadership Development-Honors (previously, Leadership Development); **Revised Prerequisites:** Minimum grade of "C" in ENC 1101 or ENC 1101H or IDH 1110 (previously, "None"); **Revised Catalog Course Description:** This course will provide a basic understanding of leadership theory and group dynamics. Students will focus on leadership through the integration of readings in the humanities,

contemporary case studies, film, experiential exercises, and group projects. Course content will satisfy one Honors Program learning outcome. Honors program permission required.

SLS 2940 Service Learning

Revised Prerequisites: Minimum 2.0 institutional or overall GPA; or department approval (previously, Satisfactory completion of all mandated courses in reading, math, English, and EAP; a minimum 2.0 institutional or overall GPA; and 12 credits. The Program Dir./Program Chair/Program Coordinator or IPO has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses); **Revised Catalog Course Description:** This course gives the student the opportunity to grow academically, pre-professionally, personally and civically through participation in a service-learning experience. Students meet real needs in the community by applying knowledge from their courses. Students complete 20 hours of service per credit, complete written reflections, and meet regularly with assigned faculty member. Multiple credit course. May be repeated for a maximum of 4 credits, but grade forgiveness cannot be applied.

SLS 2940H Service Learning-Honors

Revised Prerequisites: Minimum 2.0 institutional or overall GPA; or department approval (previously, Satisfactory completion of all mandated courses in reading, math, English, and EAP; a minimum 3.25 institutional or overall GPA; and 12 credits. Admission to the Honors Program required. The Program Dir./Program Chair/Program Coordinator or IPO has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses).

HUM 2461 Latin American Humanities

Revised Catalog Course Description: An integrated study of the history, culture, art, literature and music of Latin America. Focuses on how modern Latin American cultures are the product of a historic biological and cultural interchange between Europe, Africa, and the Americas. Topics include pre-Columbian civilizations, the Encounter and its aftermath, independence and neo-colonialism, and modernist art, literature, and cinema. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple writing assignments. Minimum grade of C required if used to satisfy Gordon Rule requirement.

EGN 3428 Engineering Mathematical Analysis

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

EGN 3443 Statistical Theory for Engineering Technology

Revised Catalog Course Description: This course encompasses topics of statistical methods and probability theory important for engineering technology students. Topics include organization and description of data, axioms and theorems of probability, conditional probability, probability distributions, Poisson processes, probability density functions, moment generating functions, statistics of populations and samples, estimation, test of hypotheses, regression analysis as applied to Engineering Technology. A minimum grade of C is required if used to satisfy Electrical and Computer Engineering Technology, B.S. degree requirement.

EET 3329C Communication Systems

Revised Prerequisites: EET 2325C and EET 3086C (previously, EET 3086C).

EET 4158C Linear Integrated Circuits and Systems

Revised Prerequisites: EET 1141C and EET 3086C (previously, EET 3086C or EGN 3428).

EET 4328 Wireless Communication

Revised Prerequisites: EET 2325C and EET 3086C and EGN 3443 (previously, EET 3086C and EST 3340).

EET 4359C Digital Communication

Revised Prerequisites: EET 2325C and EET 3086C and EGN 3443 (previously, EET 3086C and EST 3340).

EET 4950 Senior Project Design

Purpose: Revision in Official Course Title to fix error; **Revised Official Course Title:** Senior Design Project (previously, Senior Project Design).

ETS 4256C Optical Communication Systems

Revised Prerequisites: EST 1210C or EST 2220C or PHY 2049C and EGN 3428 (previously, EST 2220C or PHY 2049C and EGN 3428).

ETI 3116 Quality Assurance and Testing Methods

Revised Prerequisites: Minimum grade of C in MAC 2312 (previously, EET 3086C).

ETP 4240C Power Electronics

Revised Prerequisites: EET 4158C (previously, ETP 4241).

CET 4126C Microprocessor Programming

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

CET 4333 Computer Architecture

Revised Prerequisites: CET 2113C and CET 2123C (previously, CET 4126C).

CET 4367C Microcontroller Devices

Revised Prerequisites: CET 2113C and CET 2123C (previously, EET 1141C and EET 3086C).

1112-105 CET 4382 Data Communication and Networking, CCMAli Notash

Purpose: Modification of prerequisites; **Revised Prerequisites:** EET 2325C and EGN 3428 (previously, CET 4333).

GEB 1350 Introduction to International Business

Revised Catalog Course Description: This course is an entry-level overview of current world trade activities, practices, and issues. It is designed to provide the student with a basic, practical understanding of international business operations in the context of global competitiveness, regional trading blocs, and the globalization of world markets.

CIS 2910 IT Capstone

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

COP 1000 Introduction to Programming Concepts

Revised Catalog Course Description: A hands-on introduction to analyzing, designing, coding, and testing computer programs. Students will develop algorithms for problem solving with an emphasis on good programming practices. Students will use programming techniques including control structures, arrays, and subprograms to design and code basic programs using a modern computer language. Other topics include working with data, number systems, and an introduction to object-oriented and

event-driven programming. This course prepares students for software development courses in programming and web development. Students with a demonstrated background in computer programming (transcript, job experience, or waiver exam) may request to have this course waived as a pre-requisite to subsequent courses through the department office (Special Fee: \$34.00).

CTS 1120 Introduction to Network Security

Revised Prerequisites: CTS 1134C (previously, CET 2486C).

CTS 2321 Linux System Administration

Revised Prerequisites: COP 2341 (previously, "None").

TPA 2190C Theater Design Practicum

Revised Prerequisites: TPA 2000, TPA 2030, TPA 2060, and TPA 2292; and department approval (previously, TPA 2000, TPA 2030, TPA 2060, and TPA 2292).

TPA 2292C Advanced Technical Production

Revised Prerequisites: TPA 1200, TPA 2220, TPA 2260, and TPA 2290; and department approval (previously, TPA 1200, TPA 2220, TPA 2260, and TPA 2290).

DAA 1104 Modern Dance I for Pre-Majors

Purpose: This is a dance performance degree, and we have found that our dancers need additional course work for transfer to baccalaureate programs. By staying within the allotted program hours, we avoid a financial aid issue for the students. This will alleviate going over program hours; **Revised Credit/Class (Lecture)/Lab Hours:** 1/3/0 (previously, 2/3/0).

DAA 1105 Modern Dance II for Pre-Majors

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

DAA 1204 Ballet I for Pre-Majors

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

DAA 1205 Ballet II for Pre-Majors

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

DAA 2610 Dance Composition and Improvisation I for Pre-Majors

Revised Credit/Class (Lecture)/Lab Hours: 3/3/0 (previously, 2/3/0).

DAA 2611 Dance Composition and Improvisation II for Pre-Majors

Revised Credit/Class (Lecture)/Lab Hours: 3/3/0 (previously, 2/3/0).

DAA 2106 Intermediate Modern Dance I for Pre-Majors

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

DAA 2107 Intermediate Modern Dance II for Pre-Majors

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

DAA 2207 Intermediate Ballet I for Pre-Majors

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

DAA 2219 Intermediate Ballet II for Pre-Majors
Revised Credit/Class (Lecture)/Lab Hours: 1/3/0 (previously, 2/3/0).

DAA 2206 Ballet III for Pre-Majors
Revised Credit/Class (Lecture)/Lab Hours: 1/3/0 (previously, 2/3/0).

DAA 2682 Performance Ensemble: Valencia Dance Theatre for Pre-Majors
Revised Credit/Class (Lecture)/Lab Hours: 1/3/0 (previously, 2/3/0).

DAA 1650 Dance Production
Revised Credit/Class (Lecture)/Lab Hours: 1/3/0 (previously, 2/3/0).

DIG Var Various Digital Media Courses

Purpose: Based on an ongoing review of lab cost, student use, and the addition of new courses with labs, this modification accounts for the changes in every DIG course with a lab component.

<u>Course Number</u>	<u>Course Title</u>	<u>Revised Fee</u>	<u>Previous Fee</u>
DIG 2000C	Intro. to Digital Media and Design	\$62.00	\$81.00
DIG 2030C	Digital Video and Sound	\$94.00	\$157.00
DIG 2100C	Web Essentials	\$7.00	\$10.00
DIG 2109C	Digital Imaging Fundamentals	\$59.00	\$61.00
DIG 2282C	Visual Media for Audio Professionals	\$46.00	\$65.00
DIG 2284C	Adv. Digital Video and Sound	\$127.00	\$161.00
DIG 2291C	Adv. Audio Visual Technology	\$94.00	\$156.00
DIG 2292C	Digital Post Production	\$50.00	\$148.00
DIG 2302C	Intro. to 3D Motion Graphics	\$63.00	\$116.00
DIG 2341C	Intro. to Motion Graphics	\$70.00	\$72.00
DIG 2342C	Adv. Motion Graphics	\$70.00	\$69.00
DIG 2430C	Digital Storytelling	\$43.00	\$49.00
DIG 2580C	Digital Media Portfolio	\$73.00	\$117.00
DIG 2943	Internship in Digital Media	\$0.00	\$5.00
DIG 2930	Selected Topics in Digital Media Tech.	\$0.00	\$35.00
DIG 2950C	Digital Media Project	\$88.00	\$139.00

DIG 2030C Digital Video and Sound
Revised Prerequisites: Minimum grade of C in DIG 2000C or GRA 1142C; or department approval (previously, Min. grade of C in GRA 2201C or both DIG 2430C and DIG 2109C or department approval).

DIG 2284C Advanced Digital Video and Sound
Revised Prerequisites: Minimum grades of C in DIG 2030C and DIG 2430C; or department approval (previously, Min. grade of C in DIG 2030C and MUM 2630C or department approval).

DIG 2291C Advanced Audio Visual Technology
Revised Prerequisites: Minimum grades of C in TPA 2257 and either DIG 2284C or TPA 2290C; or department approval (previously, Minimum grades of C in DIG 2284C and TPA 2257; or department approval).

DIG 2302C Introduction to 3D Motion Graphics

Revised Prerequisites: Minimum grades of C in GRA 2156C and either DIG 2341C or GRA 2160; or department approval (previously, Min. grade of C in DIG 2030C and GRA 2156C or department approval).

DIG 2341C Introduction to Motion Graphics

Revised Prerequisites: Minimum grades of C in ART 1300C and DIG 2000C; or department approval (previously, Min. grade of C in DIG 2109C and GRA 1206C or department approval); **Revised Pre- or Co-requisites:** GRA 1413 (previously, None); **Effective Date:** Fall 2012 (201310).

DIG 2342C Advanced Motion Graphics

Revised Prerequisites: Minimum grades of C in GRA 1206C and either DIG 2341C or GRA 2160C; or department approval (previously, Min. grade of C in DIG 2341C or department approval).

DIG 2430C Digital Storytelling

Revised Prerequisites: Minimum grade of C in ART 1300C or DIG 1940 or TPA 1380; or department approval (previously, Min. grade of C in ART 1300C or TPA 1380 or department approval); **Effective Date:** Fall 2012 (201310).

DIG 2580C Digital Media Portfolio Review

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 2950C and GRA 1413 or min. grade of C in DIG 2291C or department approval).

DIG 2943 Internship in Digital Media

Revised Prerequisites: Satisfactory completion of all mandated courses in reading, math, English, & EAP; a min. 2.0 institutional or overall GPA; and 12 credits, incl. a min. grade of C in DIG 2284C or DIG 2342C or DIG 2561C. The Program Director/Program Chair/Program Coordinator or Internship Workforce Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses.

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).

Course Deletions

BCN 1210C	Building Materials & Construction Methods
CIS 2321	Data Systems Analysis and Design
DEH 2504	Adv. Principals of Dental Hygiene Seminar
FIL 2431	Motion Picture Production II
FIL 2544	Post Production/Surround Sound Mix
FIL 2561	Advanced Editing
FIL 2571	Post-Production Picture
FIL 2572	Motion Picture and Post-Production
HUM 1300	Love in the Humanities: What's Love Got To Do With It?
MVK 1013	Applied Music Organ
MVK 1313	Performance Organ

MVK 2223	A/M Sec Organ
MVK 2323	Performance Organ
PSG 1000	Polysomnographic Technology I
PSG 1000L	Polysomnographic Technology Laboratory I
PSG 1001	Polysomnographic Technology II
PSG 1001L	Polysomnographic Technology Laboratory II
PSG 1800L	Polysomnographic Technology Clinical Practicum I
PSG 1801L	Polysomnographic Technology Clinical Practicum II
REA 0017N	Intensive Reading Tutorial

Field Reviews

Field Reviews – The State (SCNS) has made changes in the following disciplines and courses. Those changes have been accepted by the departments at Valencia and will be effective August 1, 2012.

Theatre – the State identified lower/upper level alignment issues with a number of courses statewide that could affect transferability. Three of those courses belong to Valencia, and are in the Theatre discipline.

TPA 1230	Costume Techniques and Wardrobe Practices	will become TPA 1232
TPA 2060	Principles of Scenery Design	will become TPA 2063
TPA 2250	Computer-Assisted Drafting for the Entertainment Industry	will become TPA 2343

Engineering Technologies – the State combined three Engineering Technologies disciplines – Electrical-Electronic Technology; Drafting; and Engineering Technologies to form one discipline they are simply calling “Engineering Technologies.” Prefixes are being changed to conform with this change, as follows:

EST 1210C	Introduction to Photonics	will become ETS 1210C
EST 1603	Fundamentals of Robotics and Simulation	will become ETS 1603
EST 1610	Principles of Virtual Reality	will become ETS 1610
EST 2220C	Introduction to Fiber Optics	will become ETS 2220C
EST 2221C	Introduction to Electro-Optical Devices	will become ETS 2221C
EST 2230C	Introduction to Lasers	will become ETS 2230C
EST 2275	Modeling and Simulation	will become ETS 2275
EST 2511C	Electro-Mechanical Systems	will become ETS 2511C
EST 2604	Robotics Applications	will become ETS 2604
EST 2673C	Programmable Logic Controllers	will become ETS 2673C
EST 3010	Engineering Documentation and Communication	will become ETS 3010
EST 3020	Engineering Management and Ethics	will become ETS 3020
EST 4216C	Geometrical and Wave Optics	will become ETS 4216C
EST 4217C	Optical Engineering and Lens Design	will become ETS 4217C
EST 4228C	Optical Detectors and Systems	will become ETS 4228C
EST 4236C	Laser Engineering Design	will become ETS 4236C
EST 4256C	Optical Communication Systems	will become ETS 4256C
EST 4260	Biophotonics Technologies	will become ETS 4260
EST 4280C	Advanced Electro-Optical Devices	will become ETS 4280C
EST 4361	Nanotechnology Systems and Applications	will become ETS 4361

Information Items

EMS Courses Approved for “C” Designation – A proposal was presented and approved at the March 16, 2011 meeting to add the “C” designation to the following EMS courses:

EMS 1431	Emergency Medical Technician Clinical Practicum
EMS 2666	Paramedic I Clinical
EMS 2667	Paramedic II Clinical
EMS 2668	Paramedic III Clinical

Later, during Catalog entry, it was discovered that these courses do not currently have any class/lecture hours assigned to them. Therefore, the “C” designation will be changed to an “L” until such time as class/lecture hours are added by way of a Credit Course Modification.

Radiology Course Approved to Remove “C” Designation – At the February 9, 2011 meeting, a proposal was approved to remove the “C” designation from RTE 1418, Principles of Radiography I. The department inadvertently forgot to include the new hours for the course on the Credit Course Modification form, so the change will be made on an editorial basis. The new hours will go FROM 3/2/3 TO 3/2/0.

PERT Cut Scores for Honors Placement – The Honors Department submitted a memorandum, Catalog markup, Honors Program placement criteria, and the Minutes of the January 21, 2011, Honors Advisory Board meeting. Focus is on the new PERT implementation as it impacts Honors Program placement.

Valerie Burks, Director of the Honors Program, spoke briefly about the information provided. Due to the transition from the CPT to PERT, there was a need to develop new cut scores for Honors Placement. The documents provided describe that process and the cut scores that will be used.

Radiologic and Imaging Sciences, B.S. Degree: Changes to Practicum Prerequisites – Changes to the Radiologic and Imaging Sciences B.S. degree program sheet that were approved at the February 9, 2011 CCC meeting will affect the prerequisites for RTE 4941L in the various concentrations. As such, an editorial change will be made to the prerequisites for this course, as follows:

“A minimum grade of C in specified concentration coursework: Quality Management - RTE 4474 and RTE 3205; or Magnetic Resonance Imaging - RTE 3591 and RTE 3592; or Computed Tomography - RTE 3590 and RTE 4474”

RTE 3116 Revision - A Credit Course Modification for RTE 3116, Patient Care, was brought to the CCC in February, 2011. The change was to remove the “C” designation and lab fees. Although the CCM form did not show that the credit/class (lecture)/lab hours changed, the outline reflected the change that was necessary in order to remove the “C” designation. An editorial change will be made to change those hours FROM 3/2/3 TO 3/3/0.

Radiography Courses – A statement will be added to the Catalog on the course description page for Radiography courses regarding the requirements to register for upper division courses, as follows:

“To register for any upper division Radiologic and Imaging Sciences courses, you must apply and be accepted to the Bachelor’s degree program in Radiologic and Imaging Sciences or Cardiopulmonary Sciences.”

Modification of Specific Transfer Plans – The following transfer plans will be modified in order to reflect changes in common course prerequisites.

- Marine Biology
- Computer Science
- Engineering
- Horticultural Science
- Political Science and Government
- Public Administration

New Catalog Discipline Heading – A new Catalog discipline heading will be added to correlate to the Bachelor of Science degree in Computer and Electrical Engineering Technology (B.S.E.C.E.T.) course work.

B.S.E.C.E.T. Program Sheet Changes – The program sheet will be revised with the changes shown on the attachment – some are editorial changes/corrections; in addition, the program sheet will be revised to include the new Articulated A.A. Pre-Major: Electrical and Computer Engineering Technology course work in order to demonstrate a clear pathway for students.

Articulated Pre-Major: Electrical & Computer Engineering Technology (Valencia College) - Original program template will be revised according to the attached document, in order to comply with General Education requirements.

Medical Office Management Technical Certificate – The list of courses below will be added to the subject Technical Certificate as electives, due to the fact that they are all 1 credit hour, as required within the certificate program.

- | | |
|------------|--|
| ❖ OST 1305 | Proofreading |
| ❖ OST 1320 | Ten Key Mastery |
| ❖ OST 2828 | Microsoft PowerPoint (Presentation Software) |
| ❖ OST 2831 | Microsoft Windows (Operating System) |
| ❖ OST 2852 | Microsoft Excel – Introductory |
| ❖ OST 2943 | Internship in Medical Office |

Transfer Plan: Psychology - The Psychology transfer plan will be modified in order to reflect changes in common course prerequisites.

Articulated Pre-Major in Engineering (UCF) – UCF made changes in their electives list that will be reflected in Valencia’s Articulated Pre-Major.