



May 24, 2017

**TO:** THE DISTRICT BOARD OF TRUSTEES  
OF VALENCIA COLLEGE

**FROM:** SANFORD C. SHUGART  
President

**RE:** APPROVAL OF 2017-2018 COLLEGE CATALOG

The President recommends that the District Board of Trustees approve the catalog changes (between the 2016-2017 and 2017-2018 catalogs) as attached.

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

**RECOMMENDED ACTION:**

The President recommends that the District Board of Trustees of Valencia College approve the 2017-2018 College Catalog as presented.

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

President

# Changes for 2017-2018 Valencia College Catalog

(Rev date: May 9, 2017)

## Part 1: Editorial Content Changes

- *About Valencia*
  1. Inserted language about Poinciana.
  2. Inserted language about the 50<sup>th</sup> anniversary.
- Important Dates and Deadlines
  1. Has a new look – single page
  2. Modified residency dates to align with new policy. There are now two different deadlines. The “Florida Residency Criteria Must Be Met By” date is still the first day of class of the regular semester. However, the “Documentation of Florida Residency Due By” date aligns with the first day of class of the earliest part of term for which the student has registered. This isn’t necessarily clear on the calendar.
- Campuses
  1. We have added Poinciana, with a hyperlink
  2. Changed the name of Criminal Justice Institute to School of Public Safety
- Admissions
  1. Florida Residency – The wording was adjusted to match the new practice of allowing one deadline for meeting eligibility criteria, and another for providing documentation of having met that eligibility criteria.
  2. General Admissions Requirements
    - Clarified that Dual Enrollment is a non-degree seeking status, and updated the attached “Summary of Admissions Requirements for Credit Students” chart. (This was actually updated and attached at the end of September of last year.)
    - Included language to include the new Provisional non-degree seeking student status. Note that the Provisional status is not an alternative pathway for students who can’t qualify for dual enrollment. One of the stipulations is that these Provisionals must be out of high school. If they are still enrolled in high school, they aren’t eligible to be Provisional.
    - Under Foreign Credentials, we removed the reference to evaluations being done by AACRAO as that agency no longer performs this service. So only translations/evaluations done by NACES affiliates are acceptable.
    - At the request of Answer Center Managers, added language in section about students who have completed coursework at another institution. The new language says, “If Valencia learns that you have attended another institution that you did not declare on your application, the college will require you to provide the official transcript *even if no transfer credit is being sought.*” We then go on to say that having all official transcripts from all institutions is both an admissions and a graduation requirement.

3. International Admissions Requirements
  - Removed the reference, again, to AACRAO foreign transcript evaluations.
  - Entered Compass as one of the acceptable tests for English.
  - Struck language that said international students are ineligible for AS Allied Health programs. They are now eligible for some. These programs are noted in the **Special Admissions** section. They are excluded only from the Accelerated track in Nursing, Veterinary Technology, the BS in Cardiopulmonary and the BS in Rad Imaging. They are eligible for any of the others.
- Records: Under FERPA and Directory Information, one bullet changed slightly: “Dates of degrees and awards received” was changed to “Degrees, honors and awards received.” This mirrors the federal language and assures that we are okay with posting Deans and Presidents lists.
- Alternative Ways to Earn Credit: Removed Corrections from the list of Career Clusters
- Degrees & Certificate Programs/Courses – Details covered in Part 2. Editorial changes, however, are:
  1. Under both the AA and the AS sections, a new tab was added at the top of the menu that says “Welcome New Students.” That tab contains information about the New Student Experience course – including the 6 P’s, and information about programs that offer an equivalent course.
  2. Under Degrees -> Important Notes in many sections: The governing catalog language was clarified, as follows: “Your governing catalog is the Valencia College catalog in effect at the time of your initial enrollment in associate or bachelor’s degree credit courses at Valencia. A Valencia catalog is valid for five academic years provided you are continuously enrolled as defined in the glossary of this catalog. If you are accepted to a limited access program, your governing catalog will be updated to the Valencia College catalog in effect at the time of your enrollment in the limited access program courses. If you are working toward (pending status) or have applied to a limited access program and the admissions requirements change within your five year catalog time period, you will qualify for a transition plan to the new requirements. As long as you have maintained continuous enrollment, you may officially declare any subsequent catalog as your governing catalog and follow its requirements for your initial degree or certificate program until that catalog expires. However, if you change your degree or certificate program, you will be moved to the catalog in effect at the time of your change. You may change only into programs that are active within that catalog, and you will be required to follow the graduation requirements of that catalog. If your governing catalog has expired, your new governing catalog will be the catalog in effect in your next term of enrollment. Should the District Board of Trustees approve changes in program requirements to be effective within the academic year, the revised requirements will be available in the catalog, academic departments, and Career Program Advisors' offices. Students affected by the change in requirements should contact the appropriate Program Advisor, Program Director, or Academic Dean to discuss education plan options.”

3. Under Degrees -> Associate in Science -> AS Graduation Requirements: Clarified that only non-F-1 visa students who have an AA or a bachelor's degree from outside the country are excluded from pursuing an AA.
  4. From the list of articulated pre-majors, removed Univ of Miami for Bachelor's degree in Engineering.
  5. Health Sciences:
    - Changed from seven to eight the number of programs which lead to an A.S. degree. They are Cardiovascular Technology, Dental Hygiene, Diagnostic Medical Sonography, Emergency Medical Services, Health Information Technology, Nursing (R.N.), Radiography, and Respiratory Care. Also included a mention of the technical certificates (EMT and Medical Information Coder/Biller) and two advanced technical certificates (Computed Tomography and Magnetic Resonance Imaging).
    - AS to BS Radiologic and Imaging Sciences (BSRAD): Updated admission requirements to reflect a Curriculum Committee change from 2013-2014 that allows admission for any Associate degree or higher with appropriate professional certificate in lieu of a degree from an eligible field.
    - ATC in Echocardiography: Language has been broadened to allow applicants with significant field experience to petition for admission even if they don't have a degree in one of the approved fields.
  6. Third Attempt for a Bachelors and ATC students: This wording has been changed to explain that bachelor level students are limited to two attempts in the same course. This section also directs students to the new Third Attempt Appeal Form, available from the Program Advisors or the academic division offices. In a related change, language was added to the Course Attempts and Course Withdrawal page under Academic Policies and Procedures that clarifies that the language on that page relates only to Associates level courses, and redirects students to the Bachelor of Science page for information specific to courses at that level.
- Financial Information & Fees
    1. In the "Refund of Fees" section - <http://catalog.valenciacollege.edu/financialinformationfees/refundoffees/> It states in part, "If you withdraw from a course(s) after the Drop/Refund Deadline, you may receive a full refund if you have a death in your immediate family or have been called to active military duty. (Enlistment into the military is not considered "active duty.") In each instance, you must submit a refund request. The Refund Request/Waiver of Debt Form is available online on the [Admissions & Records Forms page](#), or in Atlas on the Student tab under Student Forms. Complete the request, attach supporting documentation, and submit the packet to any campus Answer Center no later than the last day of classes for the term during which the course(s) occurs." We have added the sentence: "The course(s) will remain in your official academic record but will be reflected as an administrative refund (AR) on your transcript."
    2. The language of the Senior Citizen Waiver was modified in two ways.

- Registration using this waiver is limited to “audit” only; classes may not be taken for grades or academic credit.
    - The underlined portion has been added to the following sentence: “Note: If you register for the course prior to the allowed registration period, or are given a capacity override, you will not be eligible to use the waiver for the course, even if the course is dropped from your record.”
- 3. Estimated expenses:
  - Fire Safety Institute – an increase of \$4.00 for Fire Apparatus Operator, from \$58.00 to \$62.00
  - Film Production – an increase from \$425 to \$532 per term, for a total of \$1,596 instead of \$1,275.
- Financial Aid/Grants/Scholarships
  1. Updated deadlines and amounts for EFC and awards
  2. Slightly modified language of Federal Supplemental Educational Opportunity Grant (FSEOG) to more clearly define “Need.”
  3. Modified language of Florida Student Assistance Grant (FSAG) to update awards, explain prorating for those enrolled less than full time, and explained minimum enrollment requirements.
  4. Removed the Roadmap To Success scholarship
  5. Modified Bright Futures language to clarify eligibility and renewal requirement.
  6. Removed language about a deadline for the Valencia Foundation Scholarships.
  7. Updated language for Federal Work Study to explain more clearly how job assignments will be made.
- Student and Campus Services
  1. Changed BayCare page to include TTY and email contact information.
  2. The “Equal Opportunity and Diversity” page has been renamed to “Valencia College Annual Notice of Non-Discrimination.” The language has changed significantly from a single paragraph that talked in general about diversity and equal opportunity, to a whole section, focused more specifically on the legal language of Title IX, Section 504 of the Rehabilitation act of 1970, Title II of the ADA of 1990, and other laws. This section also now includes a list of points of contact with contact information.
- Entry Testing & Placement and Mandatory Courses
  1. Changed the Testing Placement Charts to reflect the new SAT scores.
  2. Change from CPT back to LOEP for non-native speakers. This necessitated an update to seven separate pages – to include assessment, mandatory courses, international student admissions, student and campus services, fees, EAP, and testing placement charts. This change was made 11/21/16.
  3. Dual Enrollment made a minor change to their language regarding entry testing. The underlined portions have been added. “You must complete the ACT, PERT or SAT and earn college ready scores prior to being accepted for Dual Enrollment program admission. Your English, reading and math scores must be at college level to be admitted to the program. Your scores will be used for placement in appropriate college level courses.” The new language says, “You are required to complete the ACT, SAT, or PERT and earn college ready test scores prior to being accepted to participate in the Dual Enrollment program. Your English or writing,

reading, and math scores must comply with our minimum requirements and be submitted by the established test score deadline. Your scores will be used for appropriate placement into college level courses.”

4. Changed the hours of operation to say that they vary throughout the year.
5. Noted that we may mandate taking the ACCUPLACER ESL (LOEP) for degree seeking students who are English Language Learners.
6. Combined the PERT tab with the SAT, ACT & CPT tab.
7. Clarified that a student is eligible for a retest only if the scores are more than two years old at the time of course registration. (Underlined portion added.)
8. Clarified that a student is allowed 3 PERT attempts in Valencia in a two year period with a one-day wait period between attempts.
9. We clarified that once a student has applied to Valencia, we won't accept scores from another institution unless they are transferring scores from a test date that was prior to applying to Valencia. We also state that if a student wants to test at another institution for convenience after applying to Valencia, they must arrange for that through Assessment. *This is a big change that needs to be communicated clearly to students; make sure our documents and websites confirm this language.*
10. We clarify that SAT, ACT, and ACCUPLACER scores must be less than 2 years old at the time of course registration, and that it can take five weeks to receive and process scores.
11. In the Testing/Placement charts, we put an “expiration date” on the FCAT 2.0 of March 2017.
12. The name of the SAT Reading test was changed to Writing and Language test, and the scores were slightly modified from 23 or less to 24 or less, and from 24 or more to 25 or more.
13. We took out the language on the chart that said the SAT only considers the Critical Reading score for enrollment into ENC-1101.
14. We clarified language for non-native English speakers regarding the use of PERT, SAT, ACT, or a language test for placement into EAP.
15. Removed language that said that if a student doesn't successfully pass the departmental final for developmental math, they will be required to re-enroll in the same course.
16. Removed language that said that non-native speakers of English who have graduated from high school will not be required to demonstrate ESL proficiency. Simply graduating high school does not exempt the student from demonstrating proficiency with English.
17. We standardized the name of ACCUPLACER to ACCUPLACER ESL (LOEP).
18. We enhanced the footnote in the EAP chart to explain that a maximum of 12 credit hours of EAP may be applied toward an associate degree or foreign language requirement after the student successfully completes ENC-1101, ENC-1102, and Speech.
19. We reiterated that LOEP and Compass ESL must be taken at Valencia to be accepted.

20. We explained that if a student's test scores place them out of EAP, we can still use the PERT in English, reading and math for placement purposes.
  21. We clarify that if a student is in EAP courses, they may take the math portion of PERT only once they have begun EAP Level 5 or placed into Level 6. (Just being enrolled isn't enough.)
  22. We clarified that TEAS is actually ATI TEAS.
- Distance Learning: Deleted a sentence under Distance Learning that implied we still have an option for online NSO.
  - Academic Policies & Procedures
    1. MR Grades – Two issues. First, the language in the Grade chart was corrected from "Military Refund" to "Military Recall." Also, there was a question about whether we still use it, and if so, why and how. We are actually revising use of that grade and working on our programming so that MRs automatically generate refunds and don't count as attempts. This will be programmatically changed effective for the Fall semester. In the meantime, if you are working with a veteran who needs an MR, let me know and we'll process it manually. Remember that initial enlistment in the military and Active Duty for Training (ADT) do NOT count as Military Recalls.
  - Glossary
    1. Continuous Enrollment: Modified from requiring Fall & Spring, to requiring enrollment in at least two of the three semesters in each academic year. This better accommodates international students and some special programs.
    2. Modified "catalog, governing" to "governing catalog," and cleaned up the language. We also cleaned up the "governing catalog" language in each of the degree overview sections and in graduation requirement sections.

## Changes for 2017-2018 Valencia College Catalog

### Part 2: Course and Curriculum Changes

- Degrees and Certificate Programs
- Transfer Plans
- Course Descriptions

This section includes Additions, Modifications, and Deletions; Field Review Changes and Information Items from May 2016 through April 2017, CCC meetings

### **Credit Course Additions**

#### **PEL 1621C Basketball I, CCA**

**Purpose:** Modify course number and course hours; **Revised Course Number:** PEL 1621C;  
**Revised Credit/Contact/Lab Hours:** 2/2/2 (previously 2/2/0);

#### **PEL 2622C Basketball II, CCA**

**Purpose:** Modify course number and course hours; **Revised Course Number:** PEL 2622C;  
**Revised Credit/Contact/Lab Hours:** 2/2/2 (previously 2/2/0);

#### **PEM 1121C Yoga, CCA**

**Purpose:** Modify course number and course hours; **Revised Course Number:** PEM 1121C;  
**Revised Credit/Contact/Lab Hours:** 2/2/2 (previously 2/2/0);

#### **PEN 1136C Scuba Training, CCA**

**Purpose:** Modify course number and course hours; **Revised Course Number:** PEN 1136C;  
**Revised Credit/Contact/Lab Hours:** 2/2/2 (previously 2/2/0);

#### **POS 2112H State and Local Government-Honors, CCA**

**Purpose:** This course will expand the offerings to Honors students. Due to changes to gen ed, the political science faculty will likely find this course to be in greater demand by honors students than the POS 2041H that was previously offered.; **Catalog Course Description:** Same as POS 2112 with honors content. Honors program permission required; **Prerequisites:** ENC 1101 or ENC 1101H or IDH 11110; **Co-Requisites:** None; **Credit/Contact/Lab Hours:** 3/3/0;

#### **GRA 1956C Phoenix Design Project, CCA**

**Purpose:** This course has been offered more than 3 times as a selected topics course and is now must be added to the catalog. The new course outline has already been approved by all voters. This new course will need to be charging the same lab fee as all other GRA courses as it involves a lab component. A set fee is established for all GRA courses college-wide on our template to maintain consistency. A CPM will be submitted to ensure this course is added to the GRA electives list of courses students may select from as their GRA elective; **Catalog Course Description:** Students will be charged with the tasks of working with the editorial staff of the Phoenix (the college's literary magazine) to design and produce a finished layout for print. Each



spring term a small group of students will work alongside Phoenix's editorial staff and faculty advisor to transform student submissions of literary work and visual artwork into a finished publication. This publication will be submitted for competition with other student literary publications; **Prerequisites:** A minimum grade of C in GRA 1142C or department approval; **Co-Requisites:** None; **Credit/Contact/Lab Hours:** 3/4/1;

#### **ANT 2410 Cultural Anthropology, CCA**

**Purpose:** This course has been taught three times on east campus and has filled each time. The level of student interest is high and the experience of faculty who are willing to teach the course is substantial; **Catalog Course Description:** Cultural anthropology attempts to explain the similarities and differences in human behavior, social institutions, and ways of life of all people, past and present, by studying living cultures worldwide. This course will examine how cultural anthropologists carry out research in order to understand the ways people to live in groups, create culture and adapt to their environments. A variety of topics related to culture are covered including communication, marriage, economics, subsistence, culture change, globalization, kinship, violence, gender and sexuality; **Prerequisites:** None; **Co-Requisites:** None; **Credit/Contact/Lab Hours:** 3/3/0;

#### **BUL 2930 Selected Topics in International Business Law, CCA**

**Purpose:** Create a Selected Topics course for Business Law; **Catalog Course Description:** For students who are interested in advanced topics in international business law. May include lab and/or field work as part of the class, depending on topic. Multiple credit course. May be repeated for a maximum of six credits, but grade forgiveness cannot be applied; **Prerequisites:** None; **Co-Requisites:** None; **Credit/Contact/Lab Hours:** 1-3/1-3/0;

#### **JOU 1401L Media Production II, CCA**

**Purpose:** This course would provide students learning opportunities and an outlet for students to create integrated media content, beyond just newspaper. Additionally, it provides a network to Communications and Arts & Entertainment classes to incorporate their learning principles and curriculum through written, photo, video, audio, design, and advertising opportunities. Student can begin to build a professional portfolio and gain real-world, hands-on experience; **Catalog Course Description:** Laboratory course for production of social media and journalistic stories. Includes reporting, proof-reading copy, interviewing, and producing original media to augment the written word. Students will be expected to attend events and meet with interview subjects outside of the lab meeting time; **Prerequisites:** Minimum grade of C in JOU 1400L; **Co-Requisites:** None; **Credit/Contact/Lab Hours:** 1/3/3;

#### **JOU 1402L Media Production III, CCA**

**Purpose:** This course would provide students learning opportunities and an outlet for students to create integrated media content, beyond just newspaper. Additionally, it provides a network to Communications and Arts & Entertainment classes to incorporate their learning principles and curriculum through written, photo, video, audio, design, and advertising opportunities. Student can begin to build a professional portfolio and gain real-world, hands-on experience;

**Catalog Course Description:** Laboratory course for production of social media and journalistic stories. Includes reporting, editing assigned stories, quality control of copy, news organization business and management, interviewing, and producing original media to augment the written word. Students will be expected to attend events and meet with interview subjects outside of the lab meeting time; **Prerequisites:** Minimum grade of C in JOU 1401L; **Co-Requisites:** None; **Credit/Contact/Lab Hours:** 1/3/3;

#### **PEM 2104C Personal Fitness and Wellness, CCA**

**Purpose:** To align with UCF for transfer changing from HLP 1081C to PEM 2104C. The course deletion for HLP 1081C will be brought forward at a later date; **Revised Course Title:** Personal Fitness and Wellness (previously: Fitness and Wellness for Life; **Revised Credit/Contact/Lab:** 3/1/3 (previously: 3/1/2); **Revised Catalog Course Description:** This course will assist the student in implementing a personal fitness program based on exercise science principles and methods. Students will perform workouts each class in the fitness center to improve the health-related components of physical fitness: cardiovascular endurance, muscular strength and endurance, flexibility and body composition. Students will also develop an awareness that a positive healthy lifestyle can enhance quality of life and decrease risk of disease. Wellness topics covered include: nutrition, stress management, weight management and disease prevention;

#### **EDG 2001 Education Capstone, CCA**

**Purpose:** Required course for the AA pre-major in Elementary Education; **Credit/Class/Lab Hours:** 1/1/0; **Prerequisites:** Minimum of 30 credits with a 2.5 minimum GPA, OR department permission; **Co-requisites:** None; **Catalog Course Description:** This comprehensive FTCE General Knowledge Review course is for students in teacher preparation programs to receive the skills and information needed in an effort to obtain high scores on the FTCE General Knowledge exam's English Language Skills, Reading, Essay and Mathematics sections. Students will learn test strategies, complete a review, and take practice tests of the General Knowledge Test required for transfer to teacher education programs and employment in K-12 education;

#### **EMS 0110 Emergency Medical Technician, CCA**

**Purpose:** New course for EMT program; **Credit/Contact/Lab:** 0/300/300; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** The Emergency Medical Technician course prepares students to provide pre-hospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMTs, anatomy and physiology, medical emergencies, trauma, special considerations for working in the pre-hospital setting, and providing patient transportation;

#### **GEB 1155 Social Entrepreneurship, CCA**

**Purpose:** This course explores the topic of utilizing business principles and processes to sustainably remedy societal and environmental issues. It is a direct reaction to student requests for this type of educational opportunities over the past few years; **Catalog Course Description:** This course explores Social entrepreneurship as a rapidly developing and changing business field in which business and nonprofit leaders design, grow, and lead mission-driven enterprises. As

the traditional lines blur between nonprofit enterprises, government, and business, students explore opportunities and challenges in this new landscape through local project based learning; **Prerequisites:** GEB 1011 or GEB 1136 or ECO 2013 or ECO 2023 or MUM 2720C or department approval; **Co-Requisites:** None; **Credit/Contact/Lab Hours:** 3/3/0;

**PAX 1500 Conflict Transformation: Paths to Peace, CCA**

**Purpose:** One of the two core courses of the Peace and Justice Studies curriculum; **Catalog Course Description:** The course will explore different approaches to conflict and the many reasons why conflict between individuals, groups and states arise and often turn violent. The course is designed to develop a more complex understanding of conflict; its hazards and potentials, while supporting the development of intrapersonal and interpersonal relational skills as they apply to conflict transformation; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0;

**EDF 2290 Arts and Wellness in the Elementary Classroom, CCA**

**Purpose:** New course offering to be included in the new pre-major; **Catalog Course Description:** Provides the prospective teacher with knowledge, skills, and the dispositions to integrate arts and wellness into the elementary classroom curriculum; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0;

**EMS 1010 Essen. of Human Structure and Function, CCA**

**Purpose:** This class was originally taught as EMS 1010. In order to allow it to count as a Gen Ed class toward an AS degree, it was changed to BSC 1084 and was been taught as a biology class. After 5 years it was not allowed as a Gen Ed class, so the class is now going to go back under the umbrella of Allied Health as an EMS course. EMS 1010 or an Anatomy and Physiology equivalent is required to be accepted into the Paramedic program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This is a comprehensive study of anatomy and physiology of the human body. The general concepts of anatomy and physiology for the assessment and management of emergency patients by the paramedic in the prehospital field area will be emphasized. Each body system is presented with emphasis on cardiovascular, respiratory and the nervous system. It applies principles of anatomy and physiology to show interaction of organ systems with emphasis on the processes that maintain homeostasis. This course meets the student objectives found in the national standard dot paramedic curriculum anatomy and physiology objectives;

**ACG 2030C Capstone Review Course of Acct. Princ., CCA**

**Purpose:** The purpose of the new course is to improve student success and program outcomes; **Credit/Contact/Lab:** 3/3/1; **Prerequisites:** ACG 2071C, and ACG 2460C or CGS 2100C; **Co-requisites:** ACG 2100C; **Catalog Course Description:** This course gives students the opportunity to integrate knowledge learned from prior accounting, computer, and communication courses through a variety of individual and group learning experiences. Discipline specific projects and workplace scenarios will be used to demonstrate mastery of requisite paraprofessional skills. This course must be taken in the student's final semester of study;

**TAX 2002      Taxation Practices and Procedures, CCA**

**Purpose:** This new class will allow Valencia credit and non-credit students to take three tax courses at Valencia that will prepare them to handle entry level tax compliance matters professionally and prepare for the IRS Enrolled Agents exam, if they choose to take it. The EA exam has three parts and this class covers the third section of that test. The basic topics covered include administrative matters of how taxpayers and taxpayer advocates deal with IRS audits and resolution of disputes; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** TAX 2000 or department approval; **Co-requisites:** none; **Catalog Course Description:** This course will cover Internal Revenue Service taxation practices and procedures. Topics covered will convey knowledge of IRS rules and penalties, rules for representing taxpayers before the IRS and in the courts, rules and requirements associated with the tax return filing process and records maintenance rules and basic tax research skills;

**TAX 2021      Taxation of Business Organizations, CCA**

**Purpose:** This course covers federal income taxation issues related to business organizations such as partnerships, LLC's and corporations. These skills are commonly used by entry level accountants in public and private accounting offices. Having a working knowledge of the content in this class will make our students more valuable and employable; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** TAX 2000 or department approval; **Co-requisites:** none; **Catalog Course Description:** This course will cover federal income taxation of Corporations, S Corporations, Limited Liability Companies and Partnerships. Topics covered include determining the tax consequences of income, expenses, distributions, redemptions and liquidations for business entities. Practical application of the tax law will be emphasized along with analysis of tax procedures;

**GEB 2860      Business Administration Capstone, CCA**

**Purpose:** To provide a college wide consistent and measurable course to assess Business students' business subjects mastery; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** ENC 1101, MAN 2021, ACG 2071C; **Co-requisites:** None; **Catalog Course Description:** This course is designed as the capstone for the A.S. Business Administration degree program. The business capstone course will assess the knowledge learned throughout the program and will cover aspects from marketing, management, accounting, business law, economics, and ethics. Students will be required to apply this knowledge to develop, complete and present a business case project;

**DEH 1000      Intro. To Dental Hygiene, CCA**

**Purpose:** Move content from DEH 1003 to proposed new DEH 1000 to introduce students to the dental hygiene profession and professional ethics. Concepts of oral health and disease will also be introduced. DEH 1003 credit hours reduced to 2. Intent is to reduce number of credit hours in first fall term that is very heavy on lab hours; **Credit/Contact/Lab:** 1/1/0; **Prerequisites:** Admission into the Dental Hygiene program; **Co-requisites:** None; **Catalog Course Description:** This course introduces the student to the dental hygiene profession and professional ethics. Concepts of oral health and disease with emphasis on various dental deposits and their effects on oral health will be introduced for application in subsequent clinical courses;

**DEH 2700 Dental Health Education, CCA**

**Purpose:** Move course content from DEH 2701 to proposed DEH 2700 (summer term) to prepare students for community oral health presentations in fall term; **Credit/Contact/Lab:** 1/1/0; **Prerequisites:** SPC 1608; **Co-requisites:** None; **Catalog Course Description:** Prepares the dental hygiene student to present oral health information to various groups in the community using sound educational principles for children, teens, and adults;

**TPA 2358C Networking for Show Control, CCA**

**Purpose:** This new course is part of the new AV Events Production track and was created on the advice of the advisory committee to respond to the growing demand for live entertainment techs to have networking knowledge. I'm using an old lab fee template because the newest one is enormous; **Credit/Contact/Lab:** 3/2/2; **Prerequisites:** TPA 2220C, TPA 2260C, TPA 2252C; **Co-requisites:** TPA 2252C; **Catalog Course Description:** This course focuses on computer networking issues commonly encountered by live entertainment technicians. Basic computer networking and networking of live show control systems (such as lighting, audio and video) will be covered in this course, as well as system troubleshooting;

**HSA 4850 Healthcare Leadership Capstone, CCA**

**Purpose:** New capstone Course; **Credit/Contact/Lab:** 1/1/0; **Prerequisites:** Admission to BS Cardiopulmonary Sciences Leadership track, and minimum grade of C in HSA 4110, HSA 4340 and HSA 4341; **Co-requisites:** None; **Catalog Course Description:** This capstone course will enable students to apply leadership theory to a health care organization or clinical department. Students will integrate knowledge from previous leadership courses to develop a proposal and complete a project or research paper based on an area of interest in health care leadership with an emphasis on problem solving.

**EAP 0381C Low Intermediate Combined Skills for English Language Learners, CCA**

**Purpose:** This class is a multi-skills approach similar to the 0281 class we currently run on East. It incorporates the salient components from 0300, 0320, 0340, and 0360 in an integrated fashion to facilitate learning and deeper connectivity of concepts; **Credit/Contact/Lab:** 6/6/1; **Prerequisites:** Demonstration of required level of English proficiency or a minimum grade of C in EAP 0281C; **Co-requisites:** None; **Catalog Course Description:** Students develop basic speaking and listening skills necessary for participating in classroom discussions, with an introduction to oral presentation and listening skills. Additionally, they will comprehend basic academic-level reading texts, express themselves on personal topics in writing, develop control of basic grammatical structures, and use computer-assisted language learning facilities. Competencies: 1) basic academic speaking/listening skills, 2) basic reading and vocabulary skills, 3) guided discourse writing skills at the sentence and paragraph level, 4) basic grammatical structures and patterns, and 5) basic skill in using language learning software. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Completion of this course will satisfy the completion of EAP 0300C, 0320C, 0340C, and 0360C.;

**FFP 2930 Selected Topics in Fire Science, CCA**

**Purpose:** This course existed in previous catalogs but was inadvertently deleted. I would like to add it back to the catalog; **Credit/Contact/Lab:** 1-3/variable/0; **Prerequisites:** Department approval; **Co-requisites:** None; **Catalog Course Description:** For students interested in discussion and exploration of selected topics in fire science technology. May be repeated for credit and grade forgiveness cannot be applied;

**ETI 2943            Practicum in Tech Industry, CCA**

**Purpose:** New course offering to be included in the A.S. in Supervision and Management degree; **Credit/Contact/Lab:** 1-3/variable/0; **Prerequisites:** None; **Co-requisites:** None; **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. The number of credit hours awarded will be determined by faculty as described in current articulation agreements. May be repeated for credit up to a maximum of 21 hours, but grade forgiveness cannot be applied;

**RET 1025            Principles of Respiratory Care, CCA**

**Purpose:** Modified course. Laboratory content will be taught within the NEW Respiratory Care Lab I course; **Revised Course Number:** RET 1025; **Revised Prerequisite:** Acceptance into the A.S. degree program for RET1025, RET1485 and RET 2350; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously 6/4/6);

**RET 1264            Principles of Mechanical Ventilation, CCA**

**Purpose:** Curriculum change; **Revised Course Number:** RET 1264; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously 4/3/3);

**RET 1274L         Respiratory Care Lab I, CCA**

**Purpose:** Curriculum change; **Credit/Contact/Lab Hours:** 2/6/6; **Prerequisites:** Minimum grade of C in RET 1485, RET 1025, and RET 2350; **Co-requisites:** None; **Catalog Course Description:** This laboratory course is designed to introduce competencies in the areas of diagnostic, therapeutic, and critical thinking. Students will experience competencies through the use of lab activities, simulation and web-based exercises in small groups. ~~We will~~ Explore the indication, contraindications and hazards of medical gas and aerosol therapy. Information gathering and decision making in a clinical setting will be explored through the use of therapy drive protocols and evidence-based medicine;

**RET 1295            Respiratory Disease Management, CCA**

**Purpose:** New curriculum; **Revised Course Title:** Respiratory Disease Management; **Revised Course Number:** RET 1295; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously 4/3/3); **Revised Prerequisites:** Minimum grade of C in RET 1485 and RET 1025 (previously: Minimum grade of C in RET 1025C and RET 1485C);

**RET 1450            Basic Physiology Monitoring, CCA**

**Purpose:** New curriculum; **Revised Course Number:** RET 1450; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously: 3/2/3); **Revised Prerequisites:** Minimum grade of C in RET 1485 and RET 1025 (previously: Minimum grade of C in RET 1025C and RET 1485C);

**RET 1485                      Cardiopulmonary Physiology, CCA**

**Purpose:** New curriculum; **Revised Course Number:** RET 1485; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously: 4/3/3); **Revised Course Description:** Course emphasis on the functions of the cardiopulmonary system as it relates to ventilation, regulation of breathing, respirations, gas exchange and delivery. Introduces common factors effecting oxygen and carbon dioxide transport. An emphasis on the cardiovascular system and cellular respiration compared to the manifestations of disease and blood gas analysis;

**RET 2244                      Advanced Life Support, CCA**

**Purpose:** New curriculum; **Revised Course Title:** Advanced Life Support; **Revised Course Number:** RET 2244; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously: 3/2/3); **Revised Prerequisites:** Minimum grade of C in RET 1264, RET 2247, and RET 2283L (previously: Minimum grade of C in [RET 1264C](#) and [RET 1874L](#)); **Revised Course Description:** The course is designed to emphasize cardiopulmonary management in the critical care unit. Offers a comprehensive review of advanced cardiac life support along with special procedures related to cardiopulmonary disease management. Introduces special procedures using intra-aortic balloon pumps (IABP) and extracorporeal membrane oxygenation (ECMO);

**RET 2283L                    Respiratory Care Lab II, CCA**

**Purpose:** Curriculum changes; **Credit/Contact/Lab Hours:** 2/6/6; **Prerequisites:** Minimum grade of C in RET 1274L, RET 1450, and RET 1295; **Co-requisites:** None; **Catalog Course Description:** This laboratory course is designed to introduce competencies in the areas of diagnostic, advanced therapeutics, and critical care medicine. Students will experience competencies through the use of lab activities, simulation and web-based exercises in small groups. The course will explore the indications, contraindications and hazards of mechanical ventilation and hemodynamic monitoring. Information gathering and decision making in a clinical setting will be explored through the use of therapy drive protocols and evidence-based medicine;

**RET 2284L                    Respiratory Care Lab III, CCA**

**Purpose:** New curriculum; **Credit/Contact/Lab Hours:** 2/6/6; **Prerequisites:** Minimum grade of C in RET 1264, RET 2247, and RET 2283L; **Co-requisites:** None; **Catalog Course Description:** This laboratory course is designed to introduce competencies in the areas of diagnostic, advanced therapeutics, and critical care medicine. Students will experience competencies through the use of lab activities, simulation and web-based exercises in small groups. Explores the indication, contraindications and hazards of mechanical ventilation and hemodynamic monitoring in the neonatal, pediatric and adult patient populations. Reviews the role of respiratory therapists and advanced procedures in the intensive care unit. Information gathering and decision making in a clinical setting will be explored through the use of therapy drive protocols and evidence-based medicine;

**RET 2350                    Respiratory Pharmacology, CCA**

**Purpose:** New curriculum; **Revised Course Number:** RET 2350; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously: 4/3/3); **Revised Prerequisites:** Acceptance to Respiratory Care A.S. Degree program (previously: BSC 2094C or department approval; and acceptance to the Respiratory Care A.S. Degree Program); **Revised Course Description:** The course is designed to emphasize cardiopulmonary management in the critical care unit. A comprehensive review of advanced cardiac life support along with special procedures related to cardiopulmonary disease management. We will introduce special procedures using intra-aortic balloon pumps (IABP) and extracorporeal membrane oxygenation (ECMO).

**RET 2447                    Hemodynamic Monitoring, CCA**

**Purpose:** Deleting credit related to laboratory portion of the course and aligning curriculum focusing on advanced competencies of future respiratory therapists. This course was formerly named Life Support but content didn't match the course number; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** Minimum grade of C in RET 1295, RET 1450, and RET 1274L; **Co-requisites:** None; **Catalog Course Description:** The course is designed to emphasize cardiopulmonary assessment, diagnostic and hemodynamic monitoring equipment. This course offers a comprehensive introduction to the latest advances in technology and trends in non-invasive monitoring technology;

**RET 2714                    Neonatal/Pediatric Respiratory Care, CCA**

**Purpose:** Curriculum changes; **Revised Course Title:** Neonatal/Pediatric Respiratory Care; **Revised Course Number:** RET 2714; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously: 4/3/3); **Revised Prerequisites:** Minimum grade of C in RET 2283L, RET 2443, and RET 1264 (previously: RET 1264C or departmental approval); **Revised Course Description:** Instruction includes the following areas: development and physiology of fetal and neonate lung; perinatal circulation; neonatal pulmonary disorders; treatment of perinatal patients with respiratory care techniques and pediatric respiratory therapy. This course will cover fetal development, birth and onset of respirations, assessment of the neonatal and pediatric patient, diagnostic tools, common respiratory disorders and diseases of the neonatal and pediatric patient, respiratory care procedures, commonly used equipment, indications for ventilation, management of the ventilated patient, and modifications in therapeutic procedures, transport, and home care. The NBRC Matrix will be followed for applicable content;

**RET 2920                    Respiratory Care Practicum, CCA**

**Purpose:** Deleting credit related to laboratory portion of courses and aligning curriculum focusing on advanced competencies of future respiratory therapists that will be assessed and documented within this course. Activities that currently reside in a clinical course are more appropriate associated with this type of course; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** Minimum grade of C in RET 2244, RET 2714, RET 1875L, and RET 2284L; **Co-requisites:** None; **Catalog Course Description:** This course will be a collection of sessions dedicated to enhance the student transition into the workforce. We will reflect on content learned and measure knowledge against the content matrix on the national credentialing



examination using simulated mock examinations. Students will develop a professional portfolio that includes a summary of competencies, development of a resume, and complete a professional mock interview. An exploration will include both academic and professional credentialing goal pathways;

**GLY 2951C      Geology Summer Field Course, CCA**

**Purpose:** This course provides a capstone-like experience for students who have completed physical geology. Students develop and conduct an undergraduate research project with faculty mentoring. This course provides a unique opportunity for students to conduct field-based science research. The outcomes of this course support Learning Assured strategic goals of creating optimal conditions for student learning and partnering with students to improve their contribution to achieving their potential; **Credit/Contact/Lab:** 3/3/2; **Prerequisites:** GLY 2010C and department approval; **Co-requisites:** None; **Catalog Course Description:** This course provides students who have taken Physical Geology with the opportunity to apply research methods and techniques in a geologic field setting. Students will be guided in choosing and constructing field projects during pre-field classroom time. Students will be oriented to the field region and the instructor will provide guidance in the collection of data and in making observations as needed. Upon returning from the field, students will complete and present posters on their research projects;

**ETP 1501C      Introduction To Alternative and Renewable Energy, CCA**

**Purpose:** Revise course number, course hours, and course description; **Revised Course Number:** ETP 1501C; **Revised Credit/Contact/Lab Hours:** 3/4/2 (previously: 3/3/0); **Revised Course Description:** This course will introduce students to a variety of energy sources such as nuclear, wind, geothermal, solar, hydro, biodiesel, and Energy Management and Controls Technology troubleshooting tools;

**GEB 2861      Business Problems Analysis, CCA**

**Purpose:** With the addition of the AA Pre-major in Business, this course will be instrumental in assessing the Program Outcomes; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** ENC 1101, ECO 2013 or ECO 2023, CGS 2100; **Co-requisites:** None; **Catalog Course Description:** This course will explain business terminology, management functions, marketing applications, and decision making methods. Using data derived from real-world business situations, students will learn to use appropriate spreadsheet software features to organize, analyze, and present data, as well as to make business decisions;

**ACG 3024      Accounting for Non-Finance Majors, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management, and MAC 1105; **Co-requisites:** None; **Catalog Course Description:** This course addresses the use of accounting information by non-financial managers. Emphasis is placed on the interpretation of accounting information and the language of financial accounting to participate effectively in activities such as planning, investing, controlling, and managerial decision-making;

**CIS 3304C Management Information Systems, CCA**

**Purpose:** This is the Information Systems course for the BAS Business Management;  
**Credit/Contact/Lab:** 3/3/1; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management, and either CGS1060C or CGS2100C or department approval; **Co-requisites:** None; **Catalog Course Description:** Students will learn how the management of information systems is integrated with business. Students will be exposed to the underlying technologies, including spreadsheets, database, the internet, networks, the cloud, Enterprise Resource Planning software, and integration of commercial software products into a business. The differences among data, information and business intelligence are discussed as well as managerial decision making based on empirical evidence provided by information systems. Case studies are used to explore the application of information systems in the modern digital enterprise;

**FIN 3402 Financial Analysis and Planning, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management, and a minimum grade of C in one of the following courses: MAC 1105, APA 1111C, ACG 2021C or FIN 2000 **Co-requisites:** None; **Catalog Course Description:** The students will learn to apply their financial skills and decision-making ability to address financial issues in a business environment. They will learn how financial markets influence their decisions and the role of financial intermediaries in these markets. Emphasis will be placed on financial and capital budgeting, working capital management, short and long term financing, valuation of the firm, and overall capital structure. The course will require the student to apply the time value of money through the use of present and future value scenarios;

**GEB 3213 Business Writing and Communication, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management, and a minimum grade of C in ENC 1101 **Co-requisites:** None; **Catalog Course Description:**

This course is a study of the basics of business writing and introduces students to common formats, such as the memo, letter, and report. The course will stress techniques to improve writing skills and will teach students how to apply techniques used in the business writing process. Other topics covered include, but are not limited to, appropriate strategies for internal and external communication situations, audience analysis, and communication through technology

**GEB 4891 Strategic Planning and Decision Making, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Minimum grade of C in MAN 4120; **Co-requisites:** None; **Catalog Course Description:** This course is a study of strategic planning and strategy implementation in an organization. Students will perform internal and external audits, identify problems, formulate goals and objectives, develop action plans and evaluate the effectiveness of the outcome, and explore strategies for competing in international markets;

**MAN 3240 Principles of Organizational Behavior, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management; **Co-requisites:** None; **Catalog Course Description:** This course provides students with an overview of the concepts of individual, group, and organizational behavior so they may envision how they will fit into organizations and be successful in leadership roles. Students will develop an understanding of the foundations of Organizational Behavior through the self-discovery of their own personalities, preferences, abilities, and learning styles. Students will apply skills such as motivation, goal setting, and decision making processes to work scenarios/situations with an emphasis on understanding how personality, values, and attitude impact the culture and productivity of an organization;

**MAN 3353 Management Theory and Practices, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management; **Co-requisites:** None; **Catalog Course Description:** This course is a study of basic concepts and theories of management. The functional roles and processes for planning, leading, organizing, and controlling are emphasized. Other topics covered include, but are not limited to, team development, leadership, strategic development, decision making, ethics, diversity, and globalization;

**MAN 4120 Leadership Challenges and Supervision, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Minimum grade of C in MAN 3353 and MAN 3240; **Co-requisites:** None; **Catalog Course Description:** This course is a study of leadership in relation to group dynamics and team building. Students will learn strategies, tools, and techniques necessary for leadership success in the team environment. Other topics covered include, but are not limited to, leadership theories, decision making, ethics, and change management;

**MAN 4162 Customer Relations for Managers, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management; **Co-requisites:** None; **Catalog Course Description:** This course is a study of customer relations, which is key to understanding customer motivation. Topics covered include, but are not limited to, building and maintaining relationships, communication skills, and developing a service culture;

**MAN 4301 Human Resource Management, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management; **Co-requisites:** None; **Catalog Course Description:** This course is a study of the functions of human resource management including recruitment, selection, benefits and compensation, performance evaluation, development of employees, and formulation of human resource procedures. The strategic role of human resources and current issues will be discussed;

**MAN 4504 Operational Decision Making, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Minimum grade of C in MAR 3023; **Co-requisites:** None; **Catalog Course Description:** This course is a

study of operational decision-making techniques to improve the processes and productivity in organizations. Topics will include, but are not limited to, quality and outcomes, efficiency, forecasting, work-flow processes, inventory control, design of goods and services, waiting lines, critical path, and managing a project;

**MAN 4720 Strategic Management Capstone, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Minimum grade of C in the following courses: ACG 3024, MAN 4162, MAN 4120, and FIN 3461; **Co-requisites:** None; **Catalog Course Description:** This course is the culminating course for Business Administration students and is designed to integrate and apply the knowledge and information learned in previous business courses. The primary focus will be upon strategic management principles and business policy through the use of case studies and other assessment tools. Students will develop the capacity to think strategically about an organization with the goal of achieving a sustainable competitive advantage;

**MAR 3023 Marketing Management, CCA**

**Purpose:** New course for BAS in Business; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.A.S degree in Supervision and Management; **Co-requisites:** None; **Catalog Course Description:** This course covers the study of how firms create and communicate value in order to build and maintain customer relationships while benefiting the organization and its stakeholders. Emphasis is placed on the functions, institutions, and basic problems in marketing of goods and services in our domestic economy and abroad;

**NUR 1060C Health Assessment Across the Lifespan, CCA**

**Purpose:** New course offering; **Credit/Contact/Lab:** 3/2/2; **Prerequisites:** Minimum grade of C in BSC 2094C; **Co-requisites:** None; **Catalog Course Description:** This course presents the principles and concepts of health and physical assessment for clients throughout the lifespan. It provides students with the opportunity to develop hands-on skills to develop communication and in area of client assessment;

**NUR 3125 Pathophysiology for Nursing Practice, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.S.N program; **Co-requisites:** None; **Catalog Course Description:** This course focuses on the basic concepts and processes of pathophysiology for common disease conditions. The content will build on earlier course work such as anatomy, physiology, microbiology, chemistry, and nutrition. The mechanisms of underlying clinical manifestations, prevention, and treatments will be discussed;

**NUR 3145 Pharmacology, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.S.N program; **Co-requisites:** None; **Catalog Course Description:** This course focuses on the effects of pharmacotherapy used in the treatment of selected illnesses, and the promotion, maintenance and restoration of wellness in diverse populations across the lifespan. Emphasis is placed on the concepts of pharmacodynamics and

pharmacokinetics. Course outcomes include a detailed understanding of the nurse's role in safe drug administration, assessment of patient response to drug therapy, patient education, and evidence-based treatment guidelines. Legal and ethical principles of medication administration are reviewed;

**NUR 3169 Evidence and Research in Nursing Practice, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.S.N program, and a minimum grade of C in STA2023; **Co-requisites:** None; **Catalog Course Description:** This course focuses on the processes required to integrate evidence and research into nursing practice. The primary emphasis is on skills to evaluate scientific evidence for nurse-sensitive quality markers so that students can utilize published healthcare research to influence practice;

**NUR 3634 Community Health Nursing, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 4/4/0; **Prerequisites:** Admission to the B.S.N program; **Co-requisites:** None; **Catalog Course Description:** Concepts of community health nursing focus on community as a client and nursing interventions utilized across the lifespan. This course is designed to provide students the opportunity to assist culturally diverse populations and aggregates in the community to achieve an optimum level of wellness. Special emphasis is placed on advanced theoretical concepts related to health promotion, risk reduction, disease prevention and development processes;

**NUR 3825 Professions of Role Transformation, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.S.N program; **Co-requisites:** None; **Catalog Course Description:** This course will explore the role expectation of the baccalaureate nurse by integrating the professional standards, ethical principles, and management roles as it relates to critical thinking as part of the global healthcare delivery system;

**NUR 3870 Informatics in Healthcare Nursing, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.S.N program; **Co-requisites:** None; **Catalog Course Description:** This course will be presented in a hands on, interactive, and self-reflecting manner that will allow students to explore informatics nursing careers, and the effective use of patient care technologies, while gaining a basic understanding of the multidisciplinary combination of nursing science, computer science, information science and cognitive science. Additionally, this course will provide an introductory overview of relevant clinical information systems (CIS), basic informatics concepts, decision making support tools, and an examination of health information technologies that promote safety, improve quality, foster consumer centered care and efficiency;

**NUR 4655 Diversity and Global Trends in Nursing, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.S.N program; **Co-requisites:** None; **Catalog Course**

**Description:** This course contributes to the development of nursing competence toward a diverse population. Global approaches to healthcare will be examined to aid the nurse in the development of professional nursing practice. Key issues and trends related to selected national and global healthcare topics will be explored. Specific attention will be given to basic health beliefs of selected cultures, health disparities, and under-served populations both nationally and internationally;

**NUR 4829 Leadership and Management in Nursing, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.S.N program; **Co-requisites:** None; **Catalog Course**

**Description:** The purpose of this course is to examine leadership and management concepts used to address complex micro-system issues within selected healthcare organizations. Emphasis is on the application of advanced communication skills in collaboration with inter-professional teams. Focus is on interrelationship of selected roles within the context of specific theoretical frameworks and models of care;

**NUR 4837 Healthcare Policy and Economics in Nursing, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the B.S.N program; **Co-requisites:** None; **Catalog Course**

**Description:** This course examines the foundations of healthcare policy that impact nursing practice and client care. Students will participate in a critical analysis of current legislative issues, economic constraints, and political controversies that influence emerging trends in nursing practice and health care systems. Course content will include an appraisal of the implications of policy and economics on issues of access, equity, affordability, health disparities, and social justice in health care. Students will gain knowledge that prepares them to assume leadership roles in health policy development;

**NUR 4945C Nursing Capstone, CCA**

**Purpose:** The Nursing Division is starting a RN to BSN completion program; **Credit/Contact/Lab:** 2/2/0; **Prerequisites:** Core RN courses; **Co-requisites:** None; **Catalog Course**

**Description:** This course builds on previous learning and provides the student with an experiential learning in select practice settings. The student will integrate nursing research knowledge, leadership and management, and nursing theories to design, implement or lead a project that will improve patient outcomes and facilitate the transition to professional practice. The student must have a current Florida RN license to enroll in this course. This course requires students to complete a capstone experience with a clinical preceptor along with specific web-based assignments and activities, in the last semester of the BSN program. The capstone project will be based on agreement between the student, faculty member, and the clinical preceptor;

**Credit Course Modifications**

**CJK 0020 Law Enforcement Vehicle Operations, CCM**

**Purpose:** Modify contact hours; **Revised Credit/Contact/Lab Hours:** 1.6/48/0 (previously: 1.5/48/0);

**ETD 1031C Intro. to Construction/Drafting Tech., CCM**

**Purpose:** Modify course description; **Revised Catalog Course Description:** Intended for students new to Valencia, this course provides an overview of experience, academic and technical requirements in construction, design, drafting, civil technology and surveying. Learning activities are designed to ensure competence in oral communication and the basic use of computers;

**FFP 1000 Introduction to Fire Science, CCM**

**Purpose:** The reason for this change is that the course is being submitted as a substitute New Student Experience (NSE) course for the AS degree in Fire Science. The course has met the requirements for an NSE course and the final stage in the process is to make sure CIM reflects the proposed changes; **Revised Course Title:** Fire Science Fundamentals; **Revised Course Description:** This course will provide an overview to fire protection. The history of fire protection, the fire problem and how organizations are structured to deal with the fire problem, will be studied. The variety of fire technologies, fire science and fire prevention programs that address fire and life safety will be explored. Building design and construction relating to fire protection and fire safety will be reviewed as well as preventing and controlling fire loss. The student will also research the many private and governmental organizations that have an impact on fire protection and life safety. Career opportunities, and educational and training programs, related to fire protection will be examined. Since the course is an introductory course, the student will explore the many educational, financial and personal resources and support systems that are available at the college to help with academic and personal success;

**JOU 1400L College Newspaper, CCM**

**Purpose:** The course name and outline needs modification to align with wider range of media, beyond just newspaper, that students will be producing in the class. The course will serve students in the Digital Media and Communications programs. Modify course prerequisites, co-requisites and contact hours; **Revised Course Title:** Media Production I; **Revised Credit/Contact/Lab:** 1/3/3 (previously: 1/0/3); **Revised Prerequisites/Co-requisites:** None (previously: JOU 1100 or JOU 2200); **Revised Catalog Course Description:** Laboratory course introduces students to the roles and processes used to create social media and journalistic stories. Students will survey media production techniques, learn how to do research, conduct interviews, and observe and participate in the creation of original journalistic stories. Students will be expected to attend events and meet with interview subjects outside of the lab meeting time;

**BSC 1421C Introduction to Biotechnology, CCM**

**Purpose:** Modify course description; **Revised Catalog Course Description:** In this lecture/lab course, students will be introduced to biotechnology concepts. Focus will be placed on applications of biological sciences, science of biotechnology, basic concepts in chemistry and cell biology, as well as on concepts and techniques necessary to be proficient in a biotechnology science lab. Students will acquire skills including following procedures and keeping records, laboratory safety procedures, laboratory mathematics and measuring, preparing solutions; and

basic techniques used for DNA extraction, processing and quantification. Students will gain the ability to work safely and proficiently with basic laboratory instruments in most biology and chemistry laboratories;

**SON 2061 Seminar in Sonography, CCM**

**Purpose:** Revise lab hours; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously 4/4/0);

**DEH 1003 Fund. Of Dental Hygiene, CCM**

**Purpose:** Reduction in credit hours to add a new one credit hour course to the dental hygiene curriculum in the summer term. Some course content will be moved to the new course; **Revised Credit/Contact/Lab Hours:** 2/2/0 (previously: 3/3/0); **Revised Prerequisites:** None; **Revised Co-requisites:** DEH 1003L and DES 1800L;

**DEH 2701 Community Dental Health I, CCM**

**Purpose:** Reduce credit hours from 3 to 2 for the addition of proposed 1 credit DEH 2700 Dental Health Education. Move content to the proposed new course to prepare students for community oral health presentations earlier in the curriculum. The new course is to be offered in fourth semester of the curriculum prior to DEH 2701; **Revised Credit/Contact/Lab:** 2/2/0 (previously: 3/3/0); **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. Community dental health data including statistical analysis and research methodology are also discussed;

**DES 1800 Intro. To Clinical Procedures, CCM**

**Purpose:** Course to be moved to summer term so co-requisites removed; **Revised Co-requisites:** None (previously: DES 1800L, DEH 1003, DEH 1003L); **Revised Catalog Course Description:** Course topics include the dental hygiene profession, infection control procedures to prevent disease transmission, and patient assessment skills;

**DES 1800L Intro. To Clinical Procedures Lab, CCM**

**Purpose:** Modify pre and co-requisite; **Revised Prerequisite:** DES 1800; **Revised Co-requisites:** DEH 1003, and DEH 1003L (previously: DES 1800, DEH 1003, and DEH 1003L);

**MUM 1002C Fundamentals of Sound, CCM**

**Purpose:** Revise prerequisite or co-requisite; **Revised Prerequisite or Co-requisite:** None (previously: TPA 1380);

**MUM 1660L Location Sound, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** None (previously: MUM 1002C or TPA 2260C or department approval);

**MUM 2600C Sound Recording I, CCM**



**Purpose:** Revise prerequisites; **Revised Prerequisites:** Minimum grade of C in MUM 1002C or department approval (previously: Minimum grade of C in MUM 1620C and in MUM 1002C or TPA 2260C);

**MUM 2634L The Digital Audio Workstation, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** Minimum grade of C in MUM 1002C or department permission (previously: Minimum grade of C in MUM 1620C and in MUM 1002C or TPA 2260C);

**MUM 2640C Post-Production Sound, CCM**

**Purpose:** Revise prerequisites, revise course description; **Revised Prerequisites:** Minimum grade of C in MUM 2606C and in MUM 1620C (previously: Minimum grade of C in MUM 2606C); **Revised Catalog Course Description:** A project-oriented approach to sound post-production techniques. Includes surround sound mixing, picture -sound synchronization techniques, and an introduction to Sound for Video Games, Virtual Reality, Simulations, and Audio Restoration

**DIG 1102C Intro. to Client Side Programming, CCM**

**Purpose:** We are making this course the single intro to programming course in the Web Developer track. Revise course title, revise course description; **Revised Course Title:** Introduction to Web Programming; **Revised Catalog Course Description:** Covers basic programming knowledge applied to front-end web technology with a focus on a current web programming language;

**DIG 1108C Intro. to Server-Side Programming, CCM**

**Purpose:** We're concentrating on a single class as an intro to programming. DIG 1108C will now build on that class. Revise prereqs, revise course description; **Revised Prerequisites:** Minimum grade of C in DIG 1102C or program approval (previously: None); **Revised Catalog Course Description:** Covers basic programming knowledge applied to back-end web technology with a focus on a current web programming language;

**DIG 2282C Visual Media for Audio Professionals, CCM**

**Purpose:** This course will be used for a wider group of students. References to 'media for audio' have been removed. Revise course title, revise credit/contact/lab hours, revise prereqs, revise course description; **Revised Course Title:** Visual Media Essentials; **Revised Credit/Contact/Lab Hours:** 3/4/1 (previously 3/1/4); **Revised Prerequisites:** None (previously: Minimum grade of C in MUM 2600C and MUM 2634C or department approval); **Revised Catalog Course Description:** Students will learn basic concepts of video production, video editing, graphics creation, project authoring, and distribution of media;

**DIG 2291C Advanced Audio Visual Technology, CCM**

**Purpose:** Changed to reflect the courses new role as a primary support for the new Ent. Tech audio visual track. Revise prereq; **Revised Prerequisites:** Minimum grade of C in TPA 2257C for Entertainment Design Technology students, or minimum grade of C in DIG 2030C for Digital Media Technology students; or department approval (previously: Minimum grade of C in TPA

2257C or TPP 1260; AND a minimum grade of C in DIG 2284C or TPA 2290; or department approval);

**DIG 2580C Digital Media Portfolio Review, CCM**

**Purpose:** Updating the pre-reqs due to other changes in the tracks; **Revised Prerequisites:** Minimum grade of C in DIG 2284C for Video Production Specialization, or DIG 2822C for Mobile Journalism Specialization, or DIG 2950C for Motion Graphics Specialization, or DIG 2561C for Web Development Specialization; or department approval. (previously: Minimum grade of C in DIG 2284C or DIG 2342C or DIG 2561C; or department approval);

**DIG 2822C Electronic Journalism, CCM**

**Purpose:** Changing the name based on talks with Communications faculty teaching in Mobile Journalism track; **Revised Course Title:** Video Journalism;

**DIG 2950C Digital Media Project, CCM**

**Purpose:** Changing pre-reqs to reflect other changes in the tracks. Revise course description; **Revised Prerequisites:** Minimum grade of C in DIG 2030C or DIG 2341C or DIG 2106C; or department approval (previously: Minimum grade of C in DIG 2284C or DIG 2342C or DIG 2561C; or department approval); **Revised Catalog Course Description:** Student will participate in selected media and / or web programming projects for clients internal/external to the college;

**TPA 1380 Survey of Entertainment Technology, CCM**

**Purpose:** Revise course hours; **Revised Credit/Contact/Lab Hours:** 3/3/0 (previously 2/3/0;

**TPA 2000C Creative Design for Theater, CCM**

**Purpose:** TPA 1200C pre or co req will give students a background in theater conventions, the stage itself, basic scenery, props and scenic painting which will assist with learning how to create designs for theatrical purposes; **Revised Prerequisite or Co-requisite:** TPA 1200C (previously: None);

**TPA 2063C Principles of Scenery Design, CCM**

**Purpose:** This change will provide some flexibility in course sequencing for students, allowing more students to graduate on time. The two courses address drafting for theater from different but complimentary perspectives; **Revised Pre or Co-requisite:** TPA 2343C (previously: None);

**TPA 2190C Theater and Design Practicum, CCM**

**Purpose:** This is a correction of the course numbers of the prerequisites. The addition of TPA 2063C as a co-requisite option assists course sequencing, making it possible for students to graduate in two years. Revise course title; **Revised Course Title:** Theater Design Practicum; **Revised Prerequisites:** TPA 2000C, TPA 2030C, TPA 2063C, and TPA 2292C; and department approval; **Revised Co-requisites:** TPA 2000C, TPA 2030C, TPA 2063C, and TPA 2292C; (previously: None);

**TPA 2260C Introduction to Audio Production, CCM**

**Purpose:** We need to adjust due to the one credit increase in the TPA 1380 course to keep the program at 64 credits. This adjustment also reflects the narrowing of the focus of the course on a smaller set of more complex equipment; **Revised Credit/Contact/Lab Hours:** 3/5/2 (previously: 4/3/2);

**HSA 4184 Leadership in Healthcare, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences, or the BS in Cardiopulmonary Sciences programs, or the ATC in Leadership in Healthcare (previously: None);

**HSA 4340 Principles of Human Resources Management, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences, or the BS in Cardiopulmonary Sciences programs (previously: None);

**HSC 4640 Health Law and Compliance, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences, or the BS in Cardiopulmonary Sciences programs (previously: None);

**HSC 4652 Ethics and Healthcare in a Pluralistic Society, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences, or the BS in Cardiopulmonary Sciences programs (previously: None);

**RTE 3116 Advanced Patient Care, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences program, or the ATC in CT, MRI or Mammography (previously: None);

**RTE 3213 Radiology Information Systems, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences program (previously: None);

**RTE 3253 Teaching in the Health Profession, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences, or the BS in Cardiopulmonary Sciences programs (previously: None);

**RTE 3588 Mammography, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission the BS Radiologic and Imaging Sciences program or ATC in Mammography (previously: Admission the BS Radiologic and Imaging Sciences program);

**RTE 3590 Computed Tomography, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences program, or the ATC in CT (previously: None);

**RTE 3591 Magnetic Resonance Imaging I, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences program, or the ATC in MRI (previously: None);

**RTE 3765 Anatomy for the Medical Imager, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences program, or the ATC in CT, or MRI (previously: None);

**RTE 4474 Quality Management, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences program, or the ATC in Mammography (previously: None);

**RTE 4574 Advanced Imaging Modalities, CCM**

**Purpose:** Clarification of the course prerequisites to be consistent across the entire program;  
**Revised Prerequisites:** Admission into the BS in Radiologic & Imaging Sciences program (previously: None);

**EAP 0281C High Beginning Combined Skills for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** High Beginning Combined Skills For English Language Learners; **Revised Catalog Course Description:** Students develop sufficient elementary skill in English used for academic purposes to understand high-frequency vocabulary in oral contexts and respond to simple questions and phrases. Additionally, they will comprehend basic academic-level text, express themselves on personal topics in writing, develop control of basic grammatical structures, and use computer-assisted language learning facilities. Competencies: 1) elementary academic speaking/listening skills, 2) basic reading and vocabulary skills, 3) guided discourse writing skills, 4) basic grammatical structures and patterns, and 5) basic skill in using language learning software. Lab work is a required component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 0300C Low Intermediate Speech Non-Native, CCM**

**Purpose:** Revise course title, revise prerequisites, revise course description; **Revised Course Title:** Low Intermediate Speaking and Listening for English Language Learners; **Revised Prerequisites:** Demonstration of required level of English proficiency or minimum grade of C in EAP 0281C; **Revised Catalog Course Description:** Students develop basic speaking and listening

skills necessary for participating in classroom discussions, with an introduction to oral presentation and listening skills. Competencies: 1) basic academic speaking skills; 2) introduction to listening and note taking strategies; 2) classroom interaction skills. Lab work is a required component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 0320C Low Intermediate Reading for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise prerequisites, revise course description; **Revised Course Title:** Low Intermediate Speaking and Listening for English Language Learners; **Revised Prerequisites:** Demonstration of required level of English proficiency or minimum grade of C in EAP 0281C; **Revised Catalog Course Description:** Students develop the ability to read text on familiar and basic academic topics with an emphasis on vocabulary. Competencies: 1) developing base-line English vocabulary, 2) locating key concepts, 3) reading and understanding, and 4) understanding and using information resources. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 0340C Low Intermediate Composition for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** Low Intermediate Composition for English Language Learners; **Revised Catalog Course Description:** Students develop the ability to use writing-related technology and plan, write, revise, and edit sentences and paragraphs at the low-intermediate level. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 0360C Low Intermediate Structure for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** Low Intermediate Grammar for English Language Learners; **Revised Catalog Course Description:** Students develop the ability to use low-intermediate grammatical structures, verb tenses, and parts of speech appropriate to writing and speaking. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 0400C Intermediate Speech for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** Intermediate Speaking and Listening for English Language Learners; **Revised Prerequisites:** Demonstration of required level of English proficiency or minimum grade of C in EAP 0300C or EAP 0381C. **Revised Catalog Course Description:** Students continue to develop speaking and listening skills necessary for participation in classroom discussions, with an emphasis on oral presentation. Competencies: 1) intermediate academic speaking skills with introduction to oral presentation; 2) listening comprehension and note taking strategies; 3) classroom interaction skills. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 0420C Intermediate Reading for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** Intermediate Reading for English Language Learners; **Revised Prerequisites:** *Demonstration of required level of English proficiency or minimum grade of C in EAP 0320C or EAP 0381C.* **Revised Catalog Course Description:** Students develop the ability to comprehend longer texts of limited length and difficulty on a variety of academically-related topics, they expand vocabulary knowledge, and begin to apply critical reading skills. Competencies: 1) improving English vocabulary, 2) locating key concepts, 3) reading and understanding, 4) understanding and using information resources, and 5) reading for personal enrichment. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 0440C Intermediate Composition for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** Intermediate Composition for English Language Learners; **Revised Prerequisites:** *Demonstration of required level of English proficiency or minimum grades of C in EAP 0381C, or EAP 0340C and EAP 0460C.* **Revised Catalog Course Description:** Students develop the ability to use writing-related technology and plan, write, revise, and edit sentences and paragraphs and/or essays at the intermediate level. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 0460C Intermediate Structure for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** Intermediate Grammar for English Language Learners; **Revised Prerequisites:** *Demonstration of required level of English proficiency or minimum grade of C in EAP 0360C or EAP 0381C.* **Revised Catalog Course Description:** Students develop the ability to use intermediate level grammatical structures, verb tenses, and parts of speech appropriate to writing and speaking. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. Credit does not apply toward any associate degree;

**EAP 1500C High Intermediate Speech for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** High Intermediate Speaking and Listening for English Language Learners; **Revised Catalog Course Description:** Students develop communication, organization, and pronunciation skills necessary for effective academic presentation and discussion, with an introduction to lecture note taking. Competencies: 1) speech preparation and delivery; 2) academic lecture comprehension and note taking; 3) general academic communication skills. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. College credit may apply;

**EAP 1520C High Intermediate Reading for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** High Intermediate Reading for English Language Learners; **Revised Catalog Course Description:** Students develop ability to comprehend longer texts on a variety of academically-related topics by applying appropriate reading strategies. Competencies: 1) improving English vocabulary, 2) locating key concepts, 3) reading critically, 4) reading a variety of materials, such as texts, periodicals, journals, and electronic materials 5) reading to enhance personal life, and 6) developing effective study habits. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. College credit may apply.

**EAP 1540C High Intermediate Composition for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** High Intermediate Composition for English Language Learners; **Revised Catalog Course Description:** Students develop the ability to use writing-related technology and plan, write, revise, and edit sentences, paragraphs, and essays at the high-intermediate level. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. College credit may apply.

**EAP 1560C High Intermediate Grammar for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise course description; **Revised Course Title:** High Intermediate Grammar for English Language Learners; **Revised Catalog Course Description:** Students develop the ability to use high-intermediate grammatical structures, verb tenses, and parts of speech appropriate to writing and speaking. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. College credit may apply.

**EAP 1585C Upper Intermediate Integrated Writing and Grammar, CCM**

**Purpose:** Revise course title, revise prerequisites, revise course description; **Revised Course Title:** High Intermediate Integrated Writing and Grammar for English Language Learners; **Revised Prerequisites:** Demonstration of required level of English proficiency or minimum grade of C in EAP 0440C and EAP 0460C; **Revised Catalog Course Description:** Students develop the ability to use high-intermediate grammatical structures, verb tenses, and parts of speech appropriate to writing and speaking. Students develop the ability to use writing-related technology and to plan, write, revise, and edit sentences, paragraphs, and essays at the high-intermediate level. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. College credit may apply.

**EAP 1586C Upper Intermediate Integrated Reading, Speech, and Listening, CCM**

**Purpose:** Revise course title, revise prerequisites, revise course description; **Revised Course Title:** High Intermediate Integrated Reading, Speaking, and Listening for English Language Learners; **Revised Prerequisites:** Demonstration of required level of English proficiency or minimum grade of C in EAP 0400C and EAP 0420C; **Revised Catalog Course Description:** Students develop ability to comprehend longer texts and lectures on a variety of academically-related topics by applying appropriate reading and listening strategies, including note-taking. Students develop communication, organization, and pronunciation skills necessary for effective

academic presentation and discussion. Competencies: 1) improving English vocabulary, 2) locating key concepts, 3) reading critically, 4) reading a variety of materials, such as texts, periodicals, journals, and electronic materials, 5) reading to enhance personal life, 6) speech preparation and delivery, 7) academic lecture comprehension and note taking, 8) general academic communication skills, 9) developing effective study habits. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. College credit may apply.

**EAP 1620C Advanced Reading for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise prerequisites, revise course description; **Revised Course Title:** Advanced Reading for English Language Learners; **Revised Prerequisites:** Demonstration of required level of English proficiency or minimum grade of C in EAP 1520C and EAP 1500C or EAP 1586C; **Revised Catalog Course Description:** Students develop ability to comprehend and interpret authentic college-level texts in content areas by applying appropriate reading strategies. Competencies: 1) improving English vocabulary, 2) locating key concepts, 3) reading critically, 4) reading for study and enjoyment, and 5) reading a variety of materials, such as texts, periodicals, journals, and electronic materials. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. College credit may apply.

**EAP 1640C Advanced Composition for Non-Native Speakers of English, CCM**

**Purpose:** Revise course title, revise prerequisites and co-requisite, revise course description; **Revised Course Title:** Advanced Composition for English Language Learners; **Revised Prerequisites:** Demonstration of required level of English proficiency or minimum grades of C in EAP 1540C and EAP 1560C or EAP 1585C; **Revised Prerequisite or Co-Requisite:** EAP 1560C; **Revised Catalog Course Description:** Students develop the ability to use writing-related technology and plan, write, revise, and edit sentences, paragraphs, and essays at the advanced level. Required lab work is a component of this course. A departmental final exam is required. Minimum grade of C is required for successful completion. College credit may apply.

**ETS 4228C Optical Detectors and Systems, CCM**

**Purpose:** Prerequisites are modified to more appropriate courses required for the class; **Revised Prerequisites:** ETS 1210C and minimum grade of C in EGN 3428 (previously: Minimum grade of C in EET 3086C and ETS 4216C);

**SON 1000C Intro. To Medical Sonography, CCM**

**Purpose:** Revise credit hours, revise prerequisites, and revise prereq or coreq; **Revised Credit/Contact/Lab Hours:** 4/3/4 (previously: 3/2/4); **Revised Prerequisites:** Acceptance into the A.S. Diagnostic Medical Sonography program (previously: BSC 2093C and acceptance to Sonography A.S. Degree Program); **Revised Prerequisites or Co-requisites:** None (previously: BSC 2094C and HSC 1531);

**SON 1112C Abdominal Sonography II, CCM**

**Purpose:** Revise lab hours; **Revised Credit/Contact/Lab Hours:** 4/3/4 (previously 4/3/2);



**BSC 2426C Biotechnology Methods I, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** BSC 1010C and CHM 1045C or higher and BSC 1421C (previously BSC 1010C and CHM 1045C or higher);

**BSC 2427C Biotechnology Methods II, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** BSC 2426C (previously BSC 1010C and CHM 1045C);

**MAT 0018C Developmental Mathematics I, CCM**

**Purpose:** Revise course description; **Revised Catalog Course Description:** This is the first course in college-preparatory two-course sequence (MAT 0018C and MAT 0028C) designed to prepare students for MAT 1033/Intermediate Algebra, MGF 1106 /College Math, and STA1001C/Introduction to Statistical Reasoning. This course emphasizes the fundamental mathematical operations with application to beginning algebra. Significant time will be devoted to connections between mathematics and other academic disciplines and to applications outside educational settings. Minimum grade of C required for successful completion. This course does not apply toward mathematics requirements in general education or toward any associate degree;

**MAT 0022C Dev. Mathematics Combined, CCM**

**Purpose:** Revise course description; **Revised Catalog Course Description:** This college-preparatory course is designed to prepare students for MAT 1033C Intermediate Algebra. Topics include sets, computations with decimals, percent, integer, operations with rational and polynomial expressions, solving linear equations and simplifying expressions, plane plan geometric figures and applications, graphing graphic ordered pairs and lines and determining the intercepts of lines. Minimum grade of C required for successful completion. This course does not apply towards mathematics requirements in general education or towards any associate degree;

**MAT 0028C Dev. Mathematics II, CCM**

**Purpose:** Revise course description; **Revised Catalog Course Description:** This college-preparatory course is designed to supplement the algebraic background of students prior to taking MAT 1033C Intermediate Algebra. Topics include sets, fundamental operations with polynomials, linear equations and inequalities with applications, factoring and its use in algebra, introduction to graphing of linear equations, introduction to radicals. Calculators are not permitted on the final exam. This course does not apply toward mathematics requirements in general education or toward any associate degree; Minimum grade of C required for successful completion.

**RET 3287 Cardiopulmonary Diagnostics, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites;** Admission into the BS Cardiopulmonary Sciences Program (previously: Admission into the Cardiopulmonary Program and Community Health Track or into the Radiologic and Imaging Sciences Program);

**RET 3354 Medical Pharmacology CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites;** Admission to the BS Cardiopulmonary Sciences Program (previously: A.S. Degree in Respiratory Care or A.S. Degree in Cardiovascular Technology, and state or national credential within discipline);

**RET 3536 Cardiopulmonary Rehabilitation CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites;** Admission to the BS Cardiopulmonary Sciences Program (previously: A.S. Degree in Respiratory Care or A.S. Degree in Cardiovascular Technology, and state or national credential within discipline);

**RET 3715 Neonatal Medicine CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites;** Admission to the BS Cardiopulmonary Sciences Program (previously: A.S. Degree in Respiratory Care or A.S. Degree in Cardiovascular Technology, and state or national credential within discipline);

**RET 4034 Problems in Patient Management, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites;** Admission into BS Cardiopulmonary Sciences Program, Community Health Track, or BS Radiologic and Imaging Sciences Program (previously: Admission into the Cardiopulmonary Program and Community Health Track or into the Radiologic and Imaging Sciences Program);

**RET 4440C Cardiac Ultrasound I, CCM**

**Purpose:** Pre-Reqs revised to include BSRAD and ATC; **Revised Prerequisites;** Admission into BS Cardiopulmonary Sciences program, Non-Invasive Cardiology Track, BS in Radiologic and Imaging Sciences Program, Cardiac Ultrasound Track, or ATC in Echocardiography (previously: Admission to the B.S. degree program in Cardiopulmonary Sciences and Non-Invasive Cardiology Track);

**RET 4441C Cardiac Ultrasound II, CCM**

**Purpose:** Pre-Reqs revised to include BSRAD and ATC; **Revised Prerequisites;** RET 4440C with minimum grade of C and Admission BS Cardiopulmonary Sciences program, Non-Invasive Cardiology Track, BS Radiologic and Imaging Sciences Program, Cardiac Ultrasound Track, or ATC in Echocardiography (previously: Min grade of C in RET 4440C);

**RET 4443 Cardiac Ultrasound Physics, CCM**

**Purpose:** Pre-Reqs revised; **Revised Prerequisites;** Admission into BS Cardiopulmonary Sciences program, Non-Invasive Cardiology Track, BS in Radiologic and Imaging Sciences Program, Cardiac Ultrasound Track, or ATC in Echocardiography (previously: Admission to the BSCARDIO Program and Cardiac Ultrasound Concentration or Echocardiography Advanced Technical Certificate);

**RET 4444C Cardiac Ultrasound III, CCM**

**Purpose:** Pre-Reqs revised; **Revised Prerequisites;** RET 4640, RET 4943L with minimum grade of C and Admission into BS Cardiopulmonary Sciences program, Non-Invasive Cardiology Track, BS in Radiologic and Imaging Sciences Program, Cardiac Ultrasound Track, or ATC in Echocardiography (previously: Admission to the BSCARDIO Program, Cardiac Ultrasound

Concentration or Echocardiography Advanced Technical Certificate and RET 4440C, RET 4640, RET 4441C, RET 4942L and RET 4943L);

**RET 4524      Community Health, CCM**

**Purpose:** Pre-Reqs revised; **Revised Prerequisites;** Admission to BS Cardiopulmonary Program and Community Health Track (previously: Admission into the Cardiopulmonary Program and Community Health Track);

**RET 4940      Community Health Service Learning, CCM**

**Purpose:** Pre-Reqs revised; **Revised Prerequisites;** Minimum grade of C in RET 4524; Admission to BS Cardiopulmonary Program and Community Health Track. **Revised Pre- or Co-requisite;** RET 4524 (previously: Admission into the Cardiopulmonary Program and Community Health Track. RET 4524);

**RET 4942L      Cardiac Ultrasound Clinical Practice I, CCM**

**Purpose:** Pre-Reqs revised; **Revised Prerequisites;** Minimum grade of C in RET 4440C; Admission into BS Cardiopulmonary Sciences program, Non-Invasive Cardiology Track, BS in Radiologic and Imaging Sciences Program, Cardiac Ultrasound Track, or ATC in Echocardiography (previously: Admission to the B.S. degree program in Cardiopulmonary Sciences and Non-Invasive Cardiology Track. RET 4440C);

**RET 4943L      Cardiac Ultrasound Clinical Practice II, CCM**

**Purpose:** Pre-reqs revised to include BS Rad program, that concentration was approved after this submission. Course pre-req updated to list previous clinical course, which is most relevant to success in this course; **Revised Prerequisites;** RET 4942L with a minimum grade of C and Admission into BS Cardiopulmonary Sciences Program, Non-Invasive Cardiology Track, ATC in Echocardiography, or BS in Radiologic and Imaging Sciences Program, Cardiac Ultrasound Track (previously: Admission into the B.S. degree program in Cardiopulmonary Sciences and Non-Invasive Cardiology Track);

**EET 1214C      Intro to Engineering Technology, CCM**

**Purpose:** Removing 6P's which will be added in the New Student Experience course SLS 1122; **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;

**ETS 4217C      Optical Engineering and Lens Design, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** EGN 3428 with a minimum grade of C and either ETS 1210C or PHY 2049C (previously: ETS 2221C or PHY2049C and minimum grade of C in EGN 3428);

**ETS 4236C      Laser Engineering Design, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** ETS 1210C or PHY 2049C and EGN 3428 (previously: ETS 2230C or PHY 2049C and minimum grade of C in EET 3086C);

**MUM 2721 Business of Music II: Entrepreneurship & Freelancing, CCM**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** Minimum grade of C in MUM 2720C (previously: Minimum grade of C in MUM 2720);

**MUS 2361C MIDI and Electronic Music II, CCM**

**Purpose:** Revise contact hours, revise prerequisites; **Revised credit/contact/lab hours:** 3/6/4 (previously 3/1/4); **Revised Prerequisites:** Minimum grade of C in MUS 2360C (previously: Minimum grade of C in MUS 2360);

**HSC 1400C First Aid and CPR, CCM**

**Purpose:** Modify contact and lab hours; **Revised Credit/Contact/Lab Hours:** 3/1/2 (previously: 3/3/3);

## **Credit Course Deletions**

**PEL 1621 Basketball I, CCD**

**Purpose:** Modify course number and course hours; **Revised Course Number:** PEL 1621C;

**PEL 2622 Basketball II, CCD**

**Purpose:** Modify course number and course hours; **Revised Course Number:** PEL 2622C;

**PEM 1121 Yoga, CCD**

**Purpose:** Modify course number and course hours; **Revised Course Number:** PEM 1121C;

**PEN 1136 Scuba Training, CCD**

**Purpose:** Modify course number and course hours; **Revised Course Number:** PEN 1136C;

**CJK 0290 Correctional Cross-Over to Law Enforcement Intro., CCD**

**Purpose:** Removed from FDLE Curriculum;

**CJK 0291 Correctional Cross-Over to Law Enforcement Human Inter., CCD**

**Purpose:** Deleted from FDLE Curriculum;

**CJK 0292 Correctional Cross-Over to Law Enforcement Resp. to Human, CCD**

**Purpose:** Deleted from FDLE Curriculum;

**CJK 0294 Correctional Cross-Over to Law Enforcement Patrol II, CCD**

**Purpose:** This course has been eliminated from the state mandated curriculum;

**CJK 0295 Correctional Cross-Over to Law Enforcement Officer Wellness, CCD**

**Purpose:** This course has been eliminated from the state mandated curriculum;

**CJK 0392 Cross-Over to Handgun Transition Course, CCD**

**Purpose:** This course has been eliminated from the state mandated curriculum;

**MUS 1621 Acoustics and Psychoacoustics, CCD**

**Purpose:** This course was replaced by MUM 1620C Psychoacoustics & Listening Skills;

**RTE 4208 Managed Care Concepts, CCD**

**Purpose:** This course had very low enrollment. Also, the BS Cardio program has since developed a course with similar learning outcomes (RET 4034) that is available as an elective to the BS Rad students;

**RMI 1521 Principles of Insurance, CCD**

**Purpose:** According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog;

**SLS 2941 Org. Leadership/Internship Exploration, CCD**

**Purpose:** According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog;

**GLY 2100C Historical Geology, CCD**

**Purpose:** According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog;

**IDH 1112 Interdisciplinary Studies in Gen. Ed.-Honors, CCD**

**Purpose:** According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog;

**BSC 1084 Essen. of Human Structure and Function, CCD**

**Purpose:** This class was originally taught as EMS 1010. In order to allow it to count as a Gen Ed class toward an AS degree, it was changed to BSC 1084 and was been taught as a biology class. After 5 years it was not allowed as a Gen Ed class, so the class is now going to go back under the umbrella of Allied Health as an EMS course. EMS 1010 or an Anatomy and Physiology equivalent is required to be accepted into the Paramedic program;

**RET 1025C Principles of Respiratory Care, CCD**

**Purpose:** This course, and other "Combined" will have hours associated with a Lab removed and aggregated into a 3 new laboratory courses to satisfy learning outcomes along with accreditation faculty to student ratio guidelines; **Revised Course Number:** RET 1025;

**RET 1264C Principles of Mechanical Ventilation, CCD**

**Purpose:** I am removing credits within "combined" courses associated with lab and aggregating them into 3 new Respiratory Care Lab courses to meet learning outcome needs and satisfy accreditation requirements of faculty to student ratios;

**RET 1275C          Clinical Care Techniques, CCD**

**Purpose:** Curriculum change; **Credit/Contact/Lab Hours:** 2/6/6; **Prerequisites:** Minimum grade of C in RET 1485, RET 1025, and RET 2350; **Co-requisites:** None; **Catalog Course Description:** This laboratory course is designed to introduce competencies in the areas of diagnostic, therapeutic, and critical thinking. Students will experience competencies through the use of lab activities, simulation and web-based exercises in small groups. ~~We will~~ Explore the indication, contraindications and hazards of medical gas and aerosol therapy. Information gathering and decision making in a clinical setting will be explored through the use of therapy drive protocols and evidence-based medicine;

**RET 1295C          Chest Medicine, CCD**

**Purpose:** I am removing credits within "combined" courses associated with lab and aggregating them into 3 new Respiratory Care Lab courses to meet learning outcome needs and satisfy accreditation requirements of faculty to student ratios. Revise course title;

**RET 1450C          Basic Physiology Monitoring, CCD**

**Purpose:** I am removing credits within "combined" courses associated with lab and aggregating them into 3 new Respiratory Care Lab courses to meet learning outcome needs and satisfy accreditation requirements of faculty to student ratios;

**RET 1485C          Cardiopulmonary Physiology, CCD**

**Purpose:** I am removing credits within "combined" courses associated with lab and aggregating them into 3 new Respiratory Care Lab courses to meet learning outcome needs and satisfy accreditation requirements of faculty to student ratios;

**RET 2244C          Advanced Life Support, CCD**

**Purpose:** I am removing credits within "combined" courses associated with lab and aggregating them into 3 new Respiratory Care Lab courses to meet learning outcome needs and satisfy accreditation requirements of faculty to student ratios;

**RET 2350C          Respiratory Pharmacology, CCD**

**Purpose:** I am removing credits within "combined" courses associated with lab and aggregating them into 3 new Respiratory Care Lab courses to meet learning outcome needs and satisfy accreditation requirements of faculty to student ratios;

**RET 2714C          Pediatric Respiratory Care, CCD**

**Purpose:** I am removing credits within "combined" courses associated with lab and aggregating them into 3 new Respiratory Care Lab courses to meet learning outcome needs and satisfy accreditation requirements of faculty to student ratios;

**ETP 1501   Intro. To Alternative and Renewable Energy, CCD**

**Purpose:** Revise course number, course hours, and course description

## **Credit Program Additions**

### **Articulated Pre-Major, Computer Science (Rollins College), CPA**

**Purpose:** This is a new pre-major designed for the student who plans to transfer to the Rollins College Hamilton Holt School, Winter Park, Florida, (the Holt School) as a junior to complete a four-year Bachelor's of Arts (BA) degree with a major in computer science. It is based upon, clarifies, and makes specific an articulation agreement between the Independent Colleges and Universities of Florida (ICUF) and the Division of Florida Colleges, in which both the Holt School and Valencia participate;

### **Pre-Major: Psychology, CPA**

**Purpose:** To develop a pre-major in psychology;

### **Fire Fighter-Emergency Medical Technician VCC, CPA**

**Purpose:** This program has been approved by the State Fire Marshal and Florida Department of Health as a combined completion point for fire fighter minimum standards and EMT courses. This will allow both courses to be eligible for financial assistance. The current EMT program is credit only. New courses were submitted to add the EMT program as a PSAV program in addition to the credit program;

### **Articulated Pre-Major Elementary Education (UCF), CPA**

**Purpose:** To create a pathway for students wanting an elementary education degree;

### **Pre-Major, Business Administration, CPA**

**Purpose:** This program will provide pathways for students in the Business Administration area to transfer to a 4-year institution;

### **B. A. S. in Supervision and Management, CPA**

**Purpose:** The mission of the Bachelor of Applied Science (B.A.S.) in Supervision and Management is to provide students with the opportunity to attain a degree that will enhance their placement in higher-level management and supervisory positions within the business community. This program, designed to layer on top of an Associate in Science (A.S.) degree or an Associate in Arts (A.A.) degree, will provide students with the skills and knowledge required to become successful managers and leaders within public, private and non-profit organizations. The curriculum emphasizes a practical, hands-on application approach to understanding supervision and management;

### **B. S. in Nursing, CPA**

**Purpose:** To cover critical shortage in nursing;

## **Credit Program Modification**

**A.S. to B.S. Radiologic and Imaging Sciences, CPM**

**Purpose:** Add Cardiac Ultrasound as a specific concentration to provide an additional pathway for Sonographers. This has been available in the past through applying course substitutions within a different concentration. This will simply make the concentration formally available;

**Criminal Justice Technology Specialist Certificate, CPM**

**Purpose:** Modify program title, outcomes, requirements and description. Add PAX 1000 as an elective; **Revised Program Title:** Criminal Justice Specialist Certificate;

**Associate in Arts-General Education, CPM**

**Purpose:** To include POS 2112H;

**CJI-Crossover: Corrections to Law Enforcement Career Certificate, CPM**

**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Correctional Officer Cross-Over Training to Florida Law Enforcement Academy Training Program instituted July 1, 2016; **Revised Program Title:** CJI-Correctional Officer Cross-Over Training to Florida Law Enforcement Academy;

**Medical Information Coder/Biller Technical Certificate, CPM**

**Purpose:** This certificate is a part of the AS/Health Information Technology program. The program is designed to prepare students for fast entry-level positions as a coder, medical record coder, coding technician, coding clerks or medical coder/billers. It will assist students with entering the work field in a shorter time than the 5 semester HIT program, and qualify for Financial Aid benefits. It will prepare the student for the CCA certification exam. It could also be marketed through the Medical Office Assistant program;

**A.S. in Paralegal Studies, CPM**

**Purpose:** This option is for A.S. students that are also completing their A.A. degree with Valencia. POS 2112 satisfies the institutional Gen Ed AA requirements for Social Science;

**A.S. in Graphic and Interactive Design, CPM**

**Purpose:** A new course, GRA 1956C Phoenix Design Project, has been added to the catalog and needs to be added to the GRA electives list. Students will be able to select this course as an option for their GRA elective;

**Articulated Pre-Major, Electrical and Computer Engineering Technology (Valencia College), CPM**

**Purpose:** To add science credits into program to meet Gen Ed requirement;

**A. S. in Emergency Medical Services Tech., CPM**

**Purpose:** Change SPC 1608 to SLS 1122 to comply with the new student experience requirement;

**A. S. in Nursing, Advanced Standing Track, CPM**



**Purpose:** To inform students that the program is an accelerated or condensed format; **Revised Program Title:** A. S in Nursing, Accelerated Track;

**A. S. in Paralegal Studies, CPM**

**Purpose:** Add SLS 1122 and remove BUL 2242;

**A. S. in Cardiovascular Technology, CPM**

**Purpose:** The Course CVT 1270 currently is in the first term spring semester and it has been discussed that the students may need a review of Anatomy and physiology when starting the program, CVT 1270 can provide this. Also the current instructor has stated on many occasions that the length of material required really needs more time, and the fall term can supply that. The students in previous years felt the summer was overwhelming due to the time constraint and would like the review of A & P that the course supplies before getting into the other courses. Before in this term and semester there was not enough credit hours to assist students with financial aid, moving this course to this semester will fix this issue;

**A. S. in Medical Office Administration, CPM**

**Purpose:** Add OR to the Transcription Specialization for OST1108C Building Keyboarding Speed and Accuracy OR OST1110C Keyboarding and Document Processing II. This gives students an opportunity to choose which course best fits their needs, since students come into the program with different skills. Also, saves the Career Program Advisor time creating substitutions;

**A. S. in Office Administration, CPM**

**Purpose:** Add OST 1257C Medical Terminology for the Office and OST 1467C Introduction to Body Systems for OST to the Office Administration Electives, so students can complete two degrees (Medical Office Administration and Office Administration) using these courses as substitutions;

**Medical Office Management TC, CPM**

**Purpose:** Remove OST1611C. Add OST2858C Microsoft Excel or OST2836C Microsoft Access. These courses have been a substitute for OST1611C which stopped an automatic Technical Certificate being generated to students. Medical Office Managers do not need a knowledge of Medical Transcriptions, since doctors use computers to input diagnosis;

**Medical Office Specialist TC, CPM**

**Purpose:** Add OST1110C Keyboarding and Document Processing II to OST1108C Building Keyboarding Speed and Accuracy as an OR. This is in the Transcription Specialization area. This give the students an opportunity to choose which fits them best. Some student come in with speed and need formatting knowledge;

**A. S. in Culinary Management, CPM**

**Purpose:** Department of Education new requirement. Reduce program hours; **Revised Program Hours:** 60 (previously: 64);

**A. S. in Hospitality and Tourism Mgmt. (A. S. to B. S.), CPM**

**Purpose:** Update with the addition of SLS 1122, reduce the total number of credits from 64 to 60 (per state requirements), and align the career path with AS to BS updates from the past year;

**Revised Program Hours:** 60 (previously: 64);

**A. S. in Restaurant and Food Service Mgmt., CPM**

**Purpose:** Update with the addition of SLS 1122;

**Business Management TC, CPM**

**Purpose:** This modification will enable students in 4 Pre-Majors to earn this certificate (Business Administration, Accounting, Human Resources Management and Management Information Systems);

**Business Operations TC, CPM**

**Purpose:** This modification will enable students in 4 Pre-Majors to earn this certificate (Business Administration, Accounting, Human Resources Management and Management Information Systems); *Course credit may not be counted twice within the same certificate.*

**Business Specialist Certificate TC, CPM**

**Purpose:** This modification will enable students in 4 Pre-Majors to earn this certificate (Business Administration, Accounting, Human Resources Management and Management Information Systems); *Course credit may not be counted twice within the same certificate.*

**A. S. in Fire Science Technology-Academy Track, CPM**

**Purpose:** Changes to the program are being proposed for grading requirements. Also, the selection process and some program requirements and verbiage need clarification; "C" or better added for all the program courses.

**A. S. in Fire Science Technology, CPM**

**Purpose:** I would like to remove the two specializations in the degree, Fire Officer Specialization and Fire Prevention Specialization. There will only be one track for the degree. This will allow for more flexibility for our students to complete the program. I've changed the program description to be more aligned with the program outcomes;

**Articulated Pre-Major Elementary Education (UCF), CPM**

**Purpose:** Modify program to include the Selected Topics course, which was being used as a placeholder, with the approved Education Capstone course;

**Criminal Justice Technology Specialist Certificate, CPM**

**Purpose:** Modify certificate title, outcomes, requirements and description; **Revised Certificate**

**Title:** Criminal Justice Specialist Certificate;

**Paramedic Technology Technical Certificate, CPM**

**Purpose:** EMS 1010 will be replacing BSC 1084. Initially it was changed BSC 1084 to meet the general education requirements. This course is no longer a general education course and we will be going back to EMS 1010;

**A. S. in Accounting Technology, CPM**

**Purpose:** The purpose of the change is to improve student success and program outcomes by replacing Intermediate Accounting II with an Accounting Capstone course. Faculty members have been discussing and working on this change for some time. The Accounting Capstone course was presented at and approved by the Accounting Advisory Council members at the November 2016 meeting;

**A. S. in Business Administration, CPM**

**Purpose:** To make modifications for the capstone course to be numbered by state. ECO 2023 & ECO 2013 now required in all specializations;

**A. S. in Diagnostic Medical Sonography, CPM**

**Purpose:** Increasing credit hours for SON1000C and decreasing for SON2061 to maintain 77 credit hours for program;

**A. S. in Dental Hygiene, CPM**

**Purpose:** Curricular change to move content from first and second fall terms to two new courses in the preceding summer terms. Modify students' course loads to increase summer one hours and lighten the load in the first fall term; move content from community dental health course to a new dental health education course year two summer two term to prepare dental hygiene students to give oral health presentations to groups during year two fall term;

**A. S. Sound and Music Technology, CPM**

**Purpose:** Electives modification due to change in number of credits in TPA 1380C to satisfy NSE outcomes. Add 1 credit Music Performance elective to Music Production Specialization. Include MUM 1660L Location Sound as elective to the Audio and Music Business Management and to the Music Production specializations

**A. S. Digital Media Technology, CPM**

**Purpose:** Adjusting for an upcoming state framework listing Digital Media Technology as a 60-hour program. Adding Valencia's new student experience to Digital Media tracks. Addressing advisory board and colleague feedback on Digital Media tracks;

**Digital Media Web Production Technical Certificate, CPM**

**Purpose:** Updating to reflect changes in Web Development track and Motion Graphics track;

**Webcast Media Technical Certificate, CPM**

**Purpose:** Updating the TC to reflect the fact that TPA courses have been removed from this track;

**Webcast Technology Technical Certificate, CPM**

*Purpose:* Updating the TC to reflect the fact that TPA courses have been removed from this track;

**A. S. Entertainment Design and Technology, CPM**

*Purpose:* The reason for this change is to provide flexibility for our students in choice of communication class: Interpersonal Communication or Speech. The addition of the Audio Visual Events track will enable students to concentrate on a more specialized skill set specifically aimed at the thriving AV events industry here in Central Florida. The specialization will identify graduates to employers as employment candidates who have attained this skill set;

**A. S. Film Production Technology, CPM**

*Purpose:* TPA credit hour modifications due to the change in the Entertainment Design & Technology curriculum. Modifying MGF 1106 to a general A.S. Degree mathematics requirement, it's creating registration constraints for the students who are enrolling in the advanced courses. MGF 1106 isn't directly related to our program needs. With this modification, students are able to select their own general education math course that would support them academically moving forward;

**A.S. to B. S. in Radiologic and Imaging Sciences (BSRAD), CPM**

*Purpose:* Decision was made to change to verbiage in the catalog from "AS to BS" to "Bachelor of Science" degree;

*Revised Program Title:* B.S. in Radiologic and Imaging Sciences (BSRAD);

**B.S. in Electrical and Computer Engineering Technology (A.A. Program Requirements), CPM**

*Purpose:* Removal of Audio and Electro-Acoustical Systems Concentration due to extremely low enrollment;

**B.S. in Electrical and Computer Engineering Technology (A.S. Program Requirements), CPM**

*Purpose:* Removal of Audio and Electro-Acoustical Systems Concentration due to extremely low enrollment;

**Seneff Honors College, Global Studies, CPM**

*Purpose:* Change co-curricular requirement from 15 hours to 3 events. This will help focus on quality offerings, make the co-curricular requirement more obtainable, and offer events that support program learning outcomes;

**Seneff Honors College, Interdisciplinary Studies Track, CPM**

*Purpose:* Change co-curricular requirement from 15 hours to 3 events. This will help focus on quality offerings, make the co-curricular requirement more obtainable, and offer events that support program learning outcomes. Also removes IDH 1112 as deleted by College Curriculum Committee;

**Seneff Honors College, Leadership Track, CPM**

**Purpose:** Change co-curricular requirement from 15 hours to 3 events. This will help focus on quality offerings, make the co-curricular requirement more obtainable, and offer events that support program learning outcomes;

**Seneff Honors College, Undergrad. Research Track, CPM**

**Purpose:** Change co-curricular requirement from 15 hours to 3 events. This will help focus on quality offerings, make the co-curricular requirement more obtainable, and offer events that support program learning outcomes;

**A. S. in Graphic and Interactive Design, CPM**

**Purpose:** We are replacing SPC 1017 interpersonal communication in our general education requirement with SLS 1122 new student experience, as such, we are recommending it as a "semester 1" foundation course;

**A. S. in Supervision and Management for Industry, CPM**

**Purpose:** Adopted a different way to award credit, rather than in the traditional block award fashion. We are now awarding credit aligned with a specific course, repeatable for additional credit hours depending on the total number of credit hours awarded for a particular certification or PSAV program;

**A. S. in Respiratory Care, CPM**

**Purpose:** Developed new curriculum to enhance student laboratory hours to improve compliance with CoARC accreditation on faculty to student ratios and improve student learning through competency-based curriculum that increases the use of simulation and lab activities;

**A. S. to B. S. Cardiopulmonary Sciences, CPM**

**Purpose:** BS Cardiopulmonary Sciences is a more accurate reflection of the program curriculum. The program is not an AS to BS program, it is a BS program that requires a specific AS as an admission requirement. Leadership Concentration added. This will give the BSCARDIO students a third focus to enhance their education. Many of our students seek a BS degree for career advancement as a leader in their profession. The courses in this concentration will help to prepare graduates to become health care leaders; **Revised Program Title:** B. S. in Cardiopulmonary Sciences;

**A.S. in Electronics Engineering Technology, CPM**

**Purpose:** 1. Replacing Humanities (GR) with SLS 1122 New Student Experience Course.  
2. Moving Internship course EET 2942 from Program Requirements course list to Program Electives course list;

**Articulated Pre-Major, Engineering (University of Central Florida), CPM**

**Purpose:** To align the program courses to upcoming changes at UCF for fall 2017;

**Credit Program Deletions**

**Transfer Plan for Education, CPD**

**Purpose:** We added two pre-majors: Early Childhood and Elementary Education, so we don't need the transfer plan;

**Transfer Plan for Psychology, CPD**

**Purpose:** We added a pre-major: psychology, so we don't need the transfer plan;

**Transfer Plan for Business Administration, CPD**

**Purpose:** We added a pre-major: in Business Administration, so we don't need the transfer plan;

**Articulated Pre-Major, Engineering (University of Miami), CPD**

**Purpose:** Articulation agreement with University of Miami has not been renewed. No new students will be permitted going forward;

**Information Items**

- New department codes for 3000 and 4000 level courses.  
BSCS: BS Cardiopulmonary Sciences  
BSRI: BS Radiologic Imaging
- New General Education Proposal Process and Principles presented by John Niss.
- FIT has updated their catalog, as well as the Logistics Management program. Therefore, there are some courses that need to be changed in the [Articulated Logistics Management \(Florida Institute of Technology\)](#) program. The changes can be summarized as: Remove: ACG 2021C, ACG 2071C, OST 1335C, ECO 2013, MAN 2021, ECO 2023. Add: Social Science Electives (6 credits), Free Electives (12 credits). The changes were made effective for Fall 2016.
- The credits for EET 1214 were listed incorrectly as 2 credits, but this is a 3 credit hour course. The change was made in the system, but the change has reduced the elective hours for the Electrical and Computer Engineering Technology AA Articulated Pre-Major.
- Medical Coder Biller TC: OST 1257C (Medical Terminology for the Office) was inadvertently not included as an "OR" option for HSC 1531 (Medical Terminology) when the Medical Coder Biller TC was submitted. The TC was updated to include it as an option for students who have not taken HSC 1531.
- Journalism Courses: JOU 1400L, 1401L, and 1402L will be changed to JOU 1030L, 1031L, and 1032L by the SCNS in order to accommodate our request for a sequence of Media Production courses.
- HUN2015 was created as an option for students who had already completed a college level nutrition course that didn't include diet therapy instead of requiring students to take the 3 credit HUN2202. The Nutrition area asked

for Banner to show that students can use either pair HUN1001 and HUN2015 or HUN1201 and HUN2015 to be able to substitute for HUN2202 on the degree audit.

- Expanded admission requirements for the ATCs in CT, MRI, and Mammography to include students who hold an eligible professional certification in an eligible *diagnostic imaging field and an Associate degree or higher in any other field. Previously, these ATCs are open only to students with the certification and an eligible AS Degree. This information was added to the CT, MRI and Mammography ATC's.*
- *There was request for consistency in EAP courses with outcomes and competencies but there is consistency with progressions rather than competency base. There is a rubric for how they are doing the assessments based on higher level skill sets each time. Progression is based on skill competency shown.*
- *There was a question about ETS 4280 C in CIM that could not be worked on and needed approval for pre-req with minimum grade of C or dept approval as shown in CIM. This was approved.*
- Articulated Pre-Major, Engineering (UCF): EGN 2322 is required for all engineering majors from the academic year 2016-2017.
- CUD-A Code Recommendations:
 

ANT 2410	Cultural Anthropology- 11722 Social Sciences - AP
BUL 2930	Selected Topics in International Business Law- 12501 Business - PSV
GEB 1155	Social Entrepreneurship- 12501 Business - PSV
JOU 1401L	Media Production II- 11806 Communications - AP
JOU 1402L	Media Production III- 11806 Communications - AP
EMS 0110	Emergency Medical Technician-12301 Health Occupations – PSV
EDG 2001	Education Capstone-11408 Education – AP
- CUD-A Codes:
 

FFP 2930	Selected Topics in Fire Science-127010 Fire Science - PSV
ETI 2943	Practicum in Tech Industry-12601 Industrial – PSV
RET 1274L	Respiratory Care Lab I-12301 Health Occupations - PSV
RET 2283L	Respiratory Care Lab II-12301 Health Occupations - PSV
RET 2284L	Respiratory Care Lab III-12301 Health Occupations - PSV
RET 2447	Hemodynamic Monitoring-12301 Health Occupations - PSV
RET 2920	Respiratory Care Practicum-12301 Health Occupations - PSV

**The following courses have a submitted General Education Opt-In Template:**

**Science**

**1617-025      BSC 1421C      Introduction to Biotechnology**

**Purpose:** To opt into Gen. Ed.; **Effective Date:** Fall 2017 (201810).

*BSC 1421C was voted into Science General Education with 17 yay votes, 3 nay votes, and 0 abstentions.*

**1617-026      HUM 2403 and HUM 2454      Middle Eastern and African-American  
Humanities**

***Purpose:*** To opt into Gen. Ed.; ***Effective Date:*** Fall 2017 (201810).

*HUM 2403 and HUM 2454 were voted into Humanities General Education GR with 14 yay votes, 5 nay votes, and 1 abstention.*