



May 26, 2021

TO: THE DISTRICT BOARD OF TRUSTEES
OF VALENCIA COLLEGE

FROM: SANFORD C. SHUGART
President

RE: APPROVAL OF 2021-2022 COLLEGE CATALOG

The President recommends that the District Board of Trustees of Valencia College approve the catalog changes (between the 2020-2021 and 2021-2022 catalogs), as attached.

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

RECOMMENDED ACTION:

The President recommends that the District Board of Trustees of Valencia College approve the 2021-2022 College Catalog, as presented.

A handwritten signature in black ink that reads "Sanford C. Shugart". The signature is written in a cursive style with a large, looping initial 'S'.

President

2021-2022 CATALOG

SUMMARY OF SUBSTANTIVE EDITORIAL & CURRICULUM CHANGES

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

CATALOG SECTION	CHANGES IN THAT SECTION
ABOUT VALENCIA COLLEGE	<ul style="list-style-type: none"> • Update EEO statement to reflect current practices.
DEGREE & CERTIFICATE PROGRAMS	<ul style="list-style-type: none"> • Additional program modifications in the second section of this document.
COURSE DESCRIPTIONS	<ul style="list-style-type: none"> • See second section of this document- Curriculum Committee Changes
IMPORTANT DATES & DEADLINES	<ul style="list-style-type: none"> • Updated dates for 2021-2022 academic year
CAMPUSES	<ul style="list-style-type: none"> • Updated East Campus degree offerings • Updated West Campus degree offerings • Updated Osceola Campus degree offerings
BOARD OF TRUSTEES	<ul style="list-style-type: none"> • Members Updated
ADMISSIONS	<ul style="list-style-type: none"> • Updated information regarding SAGE Office • Updated information for Valencia Global Distinction
RECORDS	<ul style="list-style-type: none"> • Added new Parchment transcript fulfillment information. • No student fee changes for transcript orders
REGISTRATION	No changes
FINANCIAL INFORMATION & FEES	<ul style="list-style-type: none"> • Full Cost of Instruction Fee <ul style="list-style-type: none"> ○ Increased from \$223.00 to \$225.00 per credit hour for associate’s and bachelor’s level courses In accordance with F.S. 1009.28 and F.S. 1009.285 a student enrolled in the same course than twice shall pay 100 of full cost of instruction. The calculation of the full cost of instruction is based on the system wide average of the prior year's cost of undergraduate programs for the Florida College System institutions as reported in the FACT Book, Table 7.7T. • CJBAT fee decreased to \$39 from \$40 • Estimated Expenses have been updated at https://catalog.valenciacollege.edu/financialinformationfees/estimatedexpenses/ for the following A.S. programs: <ul style="list-style-type: none"> ○ Cardiovascular Technology. ○ Diagnostic Medical Sonography. ○ Dental Hygiene.

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

	<ul style="list-style-type: none"> ○ Respiratory Care. ○ Emergency Medical Technician.
FINANCIAL AID	<ul style="list-style-type: none"> ● C.W. Bill Young Tuition Waiver added for out of state Veteran students ● Bright Futures Florida Medallion Scholarship Covers 100% tuition and state approved fees instead of 75% in prior years ● EFC range increased from \$5,711 to \$5,846 ● Maximum Pell Grant increased from \$6,345 to \$6,495 ● Two Plus Two Scholarship renamed to Mayor Richard T. Crotty Transfer Scholarship
STUDENT AND CAMPUS SERVICES	<ul style="list-style-type: none"> ● Osceola Campus Prayer Space has moved to 4-121 or 4-202 ● Removed language regarding security call boxes in parking lots. Students are encouraged to use the Valencia Safety Mobile App. ● Update language regarding walk-in visits for the Answer Center and Advising offices. ● Add Virtual Answer Center information for all locations. ● Remove language regarding hours for walk-in Answer Center and Advising visits.
ENTRY TESTING & PLACEMENT AND MANDATORY COURSES	<ul style="list-style-type: none"> ● EAP Level 3 placement is no longer included. ● Removed language for EAP exit exams. These are no longer used. ● Intake Inventories assessments are no longer offered and have been removed from the catalog. ● Added information for remote proctoring and Honorlock proctoring services. ● Revised language for proctoring in all coursework modalities
DISTANCE LEARNING	No changes
ALTERNATIVE WAYS TO EARN CREDIT	No changes
ACADEMIC POLICIES & PROCEDURES	<ul style="list-style-type: none"> ● Grade forgiveness and repeat policy at the bachelor level have been updated to align with Associate level policies.
EDUCATIONAL ENHANCEMENT OPPORTUNITIES	<ul style="list-style-type: none"> ● Math Pathways chart has been updated to reflect latest course information.

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

<p>TEACHER PREPARATION & RECERTIFICATION</p>	<ul style="list-style-type: none"> • The EPI program is moving from institutional credit courses (prefixes EPI 0001, EPI 0002, etc.) to college-credit courses. This effort meets several goals: <ul style="list-style-type: none"> ○ Fulfills recommendations made as a part of our FL DOE site visit improvement plan for continued approval (inclusion of additional content related to differentiation, assessment, reading preparation, subject-area expertise). ○ Fulfills new legislative requirements in regards to teacher reading preparation for Elem Ed K-6, Pre K-Gr3, and ESE K-12 teachers. ○ Fulfills our advisory committee and community partner requests for inclusion of distance learning/remote learning preparation for future teachers (as a result of the pandemic and shifts to remote/virtual and hybrid instruction). ○ Aligns with equity-minded practices and efforts to update curriculum to include culturally relevant and sustaining pedagogies. ○ Aligns with the reimagining of the college and how it serves the community.
<p>SENEFF HONORS COLLEGE</p>	<ul style="list-style-type: none"> • Interdisciplinary Studies track deleted as it is no longer offered at the college • Global Studies track deleted as it is no longer offered at the college
<p>RESOLUTION OF STUDENT ISSUES</p>	<ul style="list-style-type: none"> • Titles of contact individuals were updated. • Veterans Affairs was added to the Student Dispute Resolution Chart. • First and second level escalations were revised.
<p>CONTINUING EDUCATION</p>	<p>No changes</p>
<p>DRUG FREE SCHOOLS & COMMUNITIES ACT</p>	<p>No changes</p>
<p>GLOSSARY</p>	<ul style="list-style-type: none"> • Removed My Job Prospects. No longer an Atlas feature.
<p>CATALOG ARCHIVES</p>	<p>Edited to add 2020-2021 catalog.</p>
<p>CURRICULUM COMMITTEE CHANGES</p>	
<p>CURRICULUM COURSE ADDITIONS/MODIFICATIONS</p>	<ul style="list-style-type: none"> • 64 courses were added in multiple current and new degree programs • 114 courses were modified in multiple current and new degree programs • 32 courses were deleted from multiple current programs • 42 Degrees and Certificate Programs were modified
<p>CURRICULUM PROGRAM/CERTIFICATE ADDITIONS & MODIFICATIONS</p>	<ul style="list-style-type: none"> • 2 program additions: <ul style="list-style-type: none"> ○ Educator Preparation Institute (EPI) ○ Property Management Specialist Technical Certificate • 1 Program Deletion/Modification:

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

combinational and sequential logic. The laboratory exercises cover the measurement and analysis of digital circuits and devices; **Effective Date:** Fall 2021 (202210).

CIS 3083C Cloud Management and Design, CCA

Purpose: This will be a new elective course in the program. Given the highly technical and quickly changing nature of the program, new electives are needed all the time to provide students with the opportunities to learn new languages, tools, and technologies; **Credit/Contact/Lab:** 3/3/1; **Prerequisites:** Admission to the B.A.S. Degree in Computing Technology and Software Development; **Co-requisites:** None; **Catalog Course Description:** Students will learn how to manage and design cloud services. Students will learn how to create virtual cloud machines, design storage architecture, and build appropriate processes. Students will learn how security and design are crucial to move platforms in and out of the cloud. Case studies will be used to showcase the application of these services to the modern cloud platform. Student will design services and redundancy in a global infrastructure; **Effective Date:** Fall 2021 (202210).

CJK 0002 Intro to Law Enforcement, CCA.....Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** .400/12/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course provides an overview of the academy program and the Criminal Justice system in Florida; **Effective Date:** Summer 2021 (202130).

CJK 0018 Legal, CCA.....Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 2.133/64/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course provides instruction on the history of the American legal system. Constitutional law, search and seizure, law of arrest, elements of crimes, civil and criminal liability and its application to the public and officers are examined; **Effective Date:** Summer 2021 (202130).

CJK 0019 Interviewing and Report Writing, CCA.....Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 1.867/56/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course concentrates on note-taking, interviewing, report principles and mechanics; **Effective Date:** Summer 2021 (202130).

CJK 0016 Communication, CCA.....Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** .800/24/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** In this course the student will learn several communication skills that will make the student safer and more effective in their work as a law enforcement officer. Officers who possess strong interpersonal skills can respond appropriately and potentially avoid triggering or escalating a crisis situation; **Effective Date:** Summer 2021 (202130).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

CJK 0021 Serving Your Community, CCA.....Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 1.133/34/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course provides an overview of how to respond safely to the diverse populations you will encounter. Maintain professionalism and situational awareness at all times when you respond to any scene; **Effective Date:** Summer 2021 (202130).

CJK 0063 Fundamentals of Patrol, CCA.....Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 1.333/40/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course examines the techniques and tactics that officers use while on patrol to include Community Oriented Policing, officer safety and survival skills, and basic instruction on responding to calls and making an arrest; **Effective Date:** Summer 2021 (202130).

CJK 0072 Crimes Against Persons, CCA.....Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 1.600/48/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** In this course the student will know how to respond to any incident that has the potential for an arrest; **Effective Date:** Summer 2021 (202130).

CJK 0073 Crimes Involving Property and Society, CCA...Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 0.400/12/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** In this course the student addresses the officer's initial response, course of action, providing the correct victim brochure, and responding as backup; **Effective Date:** Summer 2021 (202130).

CJK 0079 Crime Scene Follow-Up Investigations, CCA...Rob Pigman

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 1.1333/34/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** In this course the student addresses the critical components of the crime scene follow-up; **Effective Date:** Summer 2021 (202130).

CJK 0403 DUI Traffic Stops, CCA

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** .800/24/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course provides an overview of the DUI problem, DUI detection, drug-impaired driving, the Standardized Field Sobriety Tests, and DUI report writing. Legal issues regarding DUI traffic stops are also discussed; **Effective Date:** Summer 2021 (202130).

CJK 0401 Traffic Stops, CCA.....Rob Pigman

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** .800/24/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** The student will learn legal issues and traffic law, professional traffic stops and discriminatory profiling, unknown risks of traffic stops, and the identification, initiation, and application of tactical approaches to high risk traffic stops; **Effective Date:** Summer 2021 (202130).

CJK 0402 Traffic Crash Investigations, CCA

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 1.000/30/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** Traffic accident investigation, scene management, evidence handling and reporting procedures are reviewed; **Effective Date:** Summer 2021 (202130).

CJK 0093 Critical Incidents, CCA

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 1.467/44/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course provides an overview of the law enforcement techniques and tactics employed in confronting large scale or critical incidents including active shooters, natural disasters, hazardous material exposure and explosive devices; **Effective Date:** Summer 2021 (202130).

CJK 0400 Traffic Incidents, CCA

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** 0.400/12/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course will provide the student with the necessary information about traffic statutes and procedures and will lay the foundations for you to practice excellent traffic enforcement; **Effective Date:** Summer 2021 (202130).

CJK 0421 Conducted Electrical Weapon/Dart Firing Stun Gun, CCA

Purpose: Updated FDLE Curriculum Revision Version 2021.07; **Credit/Contact/Lab:** .133/4/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course will introduce the student to the basics of the dart-firing stun gun and provide the fundamental knowledge on this emerging tool in Criminal Justice; **Effective Date:** Summer 2021 (202130).

DIG 2132C Digital Drawing and Design, CCA

Purpose: This course will introduce drawing concepts, and design principles and elements specifically for digital media students. It will reinforce concepts in drawing and design that students need to succeed in the industry; **Credit/Contact/Lab:** 3/4/2; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course provides an introduction to the concepts, principles and techniques of digital art and design. It explores the use of the computer as a tool to create drawings and illustrations using industry standard software; **Effective Date:** Fall 2021 (202210).

EET 2035C Electrical Circuits, CCA

Purpose: EET 3081C will be converted to EET 2035C. AS to BS realignment; **Credit/Contact/Lab:** 3/4/2; **Prerequisites:** EET 1214C and MAC 1140 or department approval; **Co-requisites:** None; **Catalog Course Description:** This course introduces students to the principles and techniques required to analyze electrical

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

circuits. Students will gain an in-depth understanding and hands-on experience with circuit simulator and laboratory projects; **Effective Date:** Fall 2021 (202210).

EET 3086C Circuit Analysis II, CCM

Purpose: 1) Course name is changed to 'Circuit Analysis' since the prerequisite 'Circuit Analysis I' will be replaced by EET 2035C - DC/AC Circuits (or any updated name for that course, which will not be Circuit Analysis I). 2) Course Learning Outcomes and Evidences of Learning have been updated to better reflect contents of the course 3) Added EET 2035C in the list of prerequisites; **Revised Course Title:** Circuit Analysis; **Revised Prerequisites:** EET 1025C or EET 1036C or EET 2035C or minimum grade grades of C in EET 3081C, and minimum grades of C in CET 3464C and EGN 3428; **Effective Date:** Fall 2021 (202210).

EDF 2051 Teaching and Learning Theory, CCA

Purpose: Legislative changes to teacher preparation requirements and program revision to update and align with College initiatives; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to Educator Preparation Institute Program or EPI department approval; **Co-requisites:** None; **Catalog Course Description:** Knowledge and skills for teachers and prospective teachers to examine a variety of teaching and learning theories with topics including educational psychology, human development, curriculum, data uses, teaching and learning theories, motivation, and diverse learners; **Effective Date:** Fall 2021 (202210).

EDF 2291 Instructional Strategies, CCA

Purpose: Legislative changes to teacher preparation requirements and program revision to update and align with College initiatives; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to Educator Preparation Institute Program or EPI department approval; **Co-requisites:** None; **Catalog Course Description:** Knowledge and skills for teachers and prospective teachers to examine the concepts and skills related to planning, organizing and implementing instructional strategies, and ongoing assessments that are responsive to the needs of all learners; **Effective Date:** Fall 2021 (202210).

EDF 3609 Social and Historical Foundations of Education, CCA

Purpose: Legislative changes to teacher preparation requirements and program revision to update and align with College initiatives; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to Educator Preparation Institute Program or EPI department approval; **Co-requisites:** None; **Catalog Course Description:** Teachers and prospective teachers examine education and American public schools through the lenses of sociology and history; **Effective Date:** Fall 2021 (202210).

EDF 3940 Clinical Field Experience in Curriculum and Instruction, CCA

Purpose: Legislative changes to teacher preparation requirements and program revision to update and align with College initiatives; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to Educator Preparation Institute Program, and EDG 2413, EDF 2051, RED 3042, EDF 2291, RED 3551, EDF 3609, and EEX 3084 EPI; **Co-requisites:** None; **Catalog Course Description:** Clinical field experience, for teachers with a temporary certificate or prospective teachers, in a PK-12 classroom with a minimum 30-hours in a public, charter, or accredited private school which includes teaching demonstrations, analysis, and reflections on candidates' current teaching related to the Florida Educator Accomplished Practices (FEAPs). The course is reserved for those candidates seeking alternative professional certification in Florida; **Effective Date:** Fall 2021 (202210).

EDG 2000 Exploring Careers in Education, CCA

Purpose: This course is now part of the UCF Basic Core Requirements for their Education - Elementary Education K-6 degree program. UCF has asked us to begin offering this class so that students who plan to articulate to their program can take this course during their Valencia careers; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** : Students will explore a variety of careers within the field of K-12 education. Course experiences will introduce students to career and life planning theories and concepts and how to apply these to their own lives; **Effective Date:** Fall 2020 (202110).

EDG 2413 Student-centered Classroom Learning Environments, CCA

Purpose: Legislative changes to teacher preparation requirements and program revision to update and align with College initiatives; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to Educator Preparation Institute Program or EPI department approval; **Co-requisites:** None; **Catalog Course Description:** Knowledge and skills for teachers and prospective teachers to establish positive classroom learning environments in diverse settings with equitable access for all students; **Effective Date:** Fall 2021 (202210).

EDG 2940 Experiential Learning in Education, CCA

Purpose: This course is now part of the UCF Basic Core Requirements for their Education - Elementary Education K-6 degree program. UCF has asked us to begin offering this class so that students who plan to articulate to their program can take this course during their Valencia careers; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** EDF 2005; **Co-requisites:** None; **Catalog Course Description:** Students will learn about the field of education through a variety of field experiences. Course experiences will rely heavily on students' engagement in these targeted field experience placements and their structured reflections; **Effective Date:** Fall 2020 (202110).

EEX 3084 Differentiated Instruction of Exceptional and Diverse Students, CCA

Purpose: Legislative changes to teacher preparation requirements and program revision to update and align with College initiatives; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** : Admission to Educator Preparation Institute Program or EPI department approval; **Co-requisites:** None; **Catalog Course Description:** Knowledge and skills for teachers or prospective teachers to introduce concepts of differentiated instruction and inclusionary classroom practices for exceptional and diverse K – 12 students. This course addresses Reading Competency 4; **Effective Date:** Fall 2021 (202210).

ETI 1151C Print Reading for Trades, CCA

Purpose: New course under the new Supply Chain Automation Specialization within the Engineering Technology Program; **Credit/Contact/Lab:** 3/4/2; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course provides a comprehensive and practical approach to reading prints as associated to current engineering and manufacturing practice with an emphasis of standardization (ASME, ISO, CADD, AWS). Major topics include: CADD practices used to create drawings, using scales and precision measuring

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

equipment, manufacturing materials and processes, 2D and 3D dimensioning print views, GD&T, Welding processes and representations, and Electrical diagrams and schematics; **Effective Date:** Fall 2021 (202210).

ETI 1486C Intro to Automated Warehousing, CCA

Purpose: New course under the new Supply Chain Automation Specialization within the Engineering Technology Program; **Credit/Contact/Lab:** 3/4/1; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** An industrial technology overview course covering the basic knowledge and skills needed for supply chain technicians to successfully work in an automated distribution center. Introduction to the troubleshooting and maintenance of electro-mechanical systems is a major focus of this course; **Effective Date:** Fall 2021 (202210).

ETI 2401C Machining Fundamentals, CCA

Purpose: New course under the new Supply Chain Automation Specialization within the Engineering Technology Program; **Credit/Contact/Lab:** 3/4/1; **Prerequisites:** MTB 2321C and ETI 1701; **Co-requisites:** None; **Catalog Course Description:** This course introduces fundamentals and safe use of precision machining technology and its many career opportunities. Topics include numerous machining operations, setups, and procedures. How machine tools (manual, automatic, and computer controlled) operate, advantages and disadvantages of various machining techniques, apply principles of precision machining to measuring work pieces, drawing interpretation, inspection, bench work and layout, power saws, drilling machines, lathes and turning machines, milling machines and grinding machines. Aspects of maintenance, mechanical troubleshooting, and failure analysis of mechanical systems are also covered; **Effective Date:** Fall 2021 (202210).

ETI 2408C Survey of Welding, CCA

Purpose: New course under the new Supply Chain Automation Specialization within the Engineering Technology Program; **Credit/Contact/Lab:** 3/4/2; **Prerequisites:** ETI 1701 and ETI 1151C; **Co-requisites:** None; **Catalog Course Description:** This survey course covers the principles and practical application of the major manual and semi-automatic welding and cutting processes. The emphasis of this course is on the proper selection and use of each welding process. Topics include: Welding codes and standards, safety, different shielded metal arc welding (SMAW), gas metal arc welding (GMAW), gas tungsten arc welding (GTAW), oxy-acetylene welding (OAW), cutting and gouging, and welding testing and inspection; **Effective Date:** Fall 2021 (202210).

ETI 2501C Mechanics and Mechanical Systems, CCA

Purpose: New course under the new Supply Chain Automation Specialization within the Engineering Technology Program; **Credit/Contact/Lab:** 3/4/2; **Prerequisites:** ETI 1701; **Co-requisites:** None; **Catalog Course Description:** This course provides a comprehensive and practical introduction to the concepts, principles, and equipment used in industrial mechanical systems. Major topics include: workplace safety and tools, precision measurement, print reading, fastening methods, Rigging and Lifting, Mechanical Drives, and Preventive Maintenance Programs. Other topics include an overview of principles and applications for

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

electrical, hydraulic and pneumatic systems. Content will be covered using classroom lecture techniques combined with hands-on laboratory sessions; **Effective Date:** Fall 2021 (202210).

ETI 2843C Motors and Controls, CCA

Purpose: New course under the new Supply Chain Automation Specialization within the Engineering Technology Program; **Credit/Contact/Lab:** 3/4/1; **Prerequisites:** EET 1084C and ETI 1701; **Co-requisites:** None; **Catalog Course Description:** An entry-level course to study devices and components and their operations converting electrical energy into mechanical motion such as AC and DC motors, transformers, generators, servo and stepping motors, solenoids, linear motors and actuators and how electronic motor control systems can be used to improve efficiency; **Effective Date:** Fall 2021 (202210).

FSS 1400 Intro to Culinary and Pastry, CCA

Purpose: Intro to

Culinary and Pastry will replace the NSE course giving the students in our program a wider range of options; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** Intended for students in culinary and pastry that are new to the program at Valencia, this course provides an overview of experience, academic and technical requirements for the hospitality industry. Learning activities are designed to ensure competence in oral communications, resume writing and interviewing, managerial and leadership skills, and the basic use of computers for the discipline; **Effective Date:** Fall 2021 (202210).

GRA 2134C Advanced Interactive Design II, CCA

Purpose: New course has been proposed to align with curricular changes necessary to meet the needs of the industry and align with current industry standards; **Credit/Contact/Lab:** 3/4/1; **Prerequisites:** Minimum grades of C in GRA 2132C or department approval; **Co-requisites:** None; **Catalog Course Description:** Provides instructions on advanced design, coding and prototyping techniques to produce sophisticated, portfolio quality interactive work. Special emphasis will be placed on designing for cohesive branding, personal workflow and project management of schedule based projects. Understanding of web site maintenance and administration will be covered; **Effective Date:** Fall 2021 (202210).

HFT 2401 Hospitality Industry Financial Accounting, CCA

Purpose: This course aims to align the academics catalog with UCF and make students' transition from Valencia to UCF seamless. Our program currently does not require an accounting course, making the transition challenging because students are then required to take three accounting courses in two years at UCF. Providing this course will reduce the accounting course load at UCF to two courses instead; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** ECO 2013 or ECO 2023, and MAC1105 or MFG 1106; **Co-requisites:** None; **Catalog Course Description:** This course covers the concepts, principles, procedures and underlying theories of accounting that apply to the hospitality industry. Topics covered include financial statements, the accounting cycle, current assets, facilities and equipment, long-term assets, current liabilities, long-term debt and shareholders' equity; **Effective Date:** Summer 2021 (202130).

HFT 2461 Hotel Sales and Revenue Management, CCA

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: This course will prepare students to be more knowledgeable in the industry, and learn how to maximize revenue. Additionally, the course will become part of the hospitality program requirement;

Credit/Contact/Lab: 3/3/0; **Prerequisites:** HFT 2254, HFT 2500, and HFT 2401 or ACG 2021C or APA 1111C;

Co-requisites: None; **Catalog Course Description:** The purpose of this course is to provide students with an understanding of hotel sales and revenue management through strategies and tactics used in the hospitality industry. Students will learn how to dedicate critical thinking to core product sales and revenue optimization strategies and tactics in the hospitality industry due to the time-sensitive and perishable nature of a service-based product. This course offers the foundation for hotel sales and introduction to revenue management in the hospitality and tourism industry. The course will also incorporate key topics and applications in finance, sales, marketing, and operations; **Effective Date:** Fall 2021 (202210).

HFT 2719 Convention Services, CCA

Purpose: This course aims to align the academics catalog with UCF and make students' transition from Valencia to UCF seamless; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** HFT 2750; **Co-requisites:** None; **Catalog**

Course Description: The purpose of this course is to serve students with a comprehensive overview of the Meetings, Events, Exhibitions, and Conventions (MEEC) industry. The course will teach students how to synchronize the needs of event clients, guests, and venue staff. The students will learn how to determine needs, set objectives, site selections, rate negotiations, design programs, budget, develop and negotiate contractual agreements, menu selection, on-site management, monitor events, and address unexpected challenges. Students will achieve a functional working knowledge of MEEC industry principles, practices, operations, and management; **Effective Date:** Fall 2021 (202210).

HFT 2756 Introduction to Theme Park and Attractions Management, CCA

Purpose: This course will provide students with an elective that will enhance students' knowledge in theme park operations. Orlando is known for being the theme park capital of the world, and this course is perfect for providing to students that currently work or are looking to work in our world-renowned theme parks in Central Florida; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course**

Description: This course includes a comprehensive study of the theme park industry with an emphasis on management and operations. The course will examine theme park history, park design and development, attractions, entertainment, merchandising, food & beverage, and other services that support the theme park; **Effective Date:** Fall 2021 (202210).

HIM 1453 Anatomy and Physiology, CCA

Purpose: An Anatomy & Physiology course especially for Health Information Technology (HIT) & Medical Coding students. Creating an A&P course specifically for HIT/Medical Coding students will allow all students entering their first coding course in the program to have the same depth of knowledge; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to the Health Information Technology Program or Declared Medical Information Coder/Biller Certificate Program; **Co-requisites:** None; **Catalog Course Description:** This course will introduce students to the essentials of anatomy and physiology of the human body. Students will be provided an in-depth review of the structures and functions of the body systems. An emphasis will be placed on the relevance of anatomy and physiology to students' lives and careers; **Effective Date:** Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

HLP 1090 Mindfulness Based Stress Reduction, CCA

Purpose: After offering this class as HLP 2930 Selected Topics for a couple of semesters to determine student interest, it has been determined that students are interested in taking this class to learn valuable tools to help regulate their stress and develop coping skills they need to meet the challenges in their daily lives through a mindfulness practice. We would like to offer this course on a regular basis for our students;

Credit/Contact/Lab: 2/2/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This experiential course explores the basics of developing a secular mindfulness practice in a supportive, safe environment that incorporates mindfulness meditation, gentle yoga, and inquiry to explore our lives moment by moment with curiosity and without judgement. This course requires one all day (9-4) practice session in addition to weekly classes; **Effective Date:** Summer 2021 (202130).

HSA 4502 Health Care Risk Management, CCA

Purpose: Risk management is an important aspect of health care. This course introduces students to components of the Risk Management process that are designed to ensure patient safety. Risk Management is also a potential career option for graduates of the program. This course will serve to familiarize students with an expanded aspect of health care delivery; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to BS Cardiopulmonary Sciences or BS Radiologic and Imaging Sciences programs; **Co-requisites:** None; **Catalog Course Description:** This course covers the basic concepts of risk management, employment practices, and general risk management strategies, as well as specific risk areas, including medical malpractice, strategies to reduce liability, managing positions, and litigation alternatives; **Effective Date:** Fall 2021 (202210).

MUM 1674C Project and Home Studio I, CCA

Purpose: This course will be included as a requirement in one of the existing specializations in the program as of Fall 2021, but it will be available Spring and Summer 2021. This course trains students to develop the skills to setup their own small studio business, keeping in line with the State of Florida Florida's goal to create a robust entrepreneurial ecosystem through career and technical education (CTE). "Business equity is the second largest source of wealth behind home equity, and for special populations, self-employment and the ability to effectively create value contributes to Florida's greater economic security"; **Credit/Contact/Lab:** 3/4/1; **Prerequisites:** Minimum grade of C in MUM 1002C Fundamentals of Sound, TPA 1380 Survey of Entertainment Technology, MUM 2623C MIDI Electronic Music I, and MUM 2634L Digital Audio Workstation or MUM 1003L Digital Audio Workstation Online; **Co-requisites:** MUM 2623C MIDI Electronic Music I and MUM 2634L Digital Audio Workstation or MUM 1003L Digital Audio Workstation Online; **Catalog Course Description:** Online delivery-only course that covers the design, set up and operation of an audio recording and production and mixing studio in a small environment. This course covers space considerations, electrical requirements and acoustic treatment options, computer requirements including processor speed, memory requirements, data storage devices and monitor selection/placement. MIDI keyboard types and compatibility, mixer selection and setup, cable selection and care, microphone design, and A/D-D/A interface options. Software programs and compatibility issues. NOTE: This course has a minimum technology requirement that students need to own or

to have access too. Students are encourage to request the list of requirements before enrolling for the course;
Effective Date: Spring 2021 (202120).

MUM 1675C Project & Home Studio Techniques II, CCA

Purpose: This course prepares students to produce and finalize audio projects in a project/home studio;
Credit/Contact/Lab: 3/4/2; **Prerequisites:** Minimum grade of C in MUM 1674C and MUM 1620L, and in MUM 2634L or MUM 1003L.; **Co-requisites:** MUM 1620L; **Catalog Course Description:** Online delivery only course that covers the techniques used in Project and Home studios for producing, recording, processing and mixing sound for a variety of applications, including Music, Videogames, Podcasting, Sound for Video streaming, audiobooks and other Sound projects; **Effective Date:** Fall 2021 (202210).

MUM 1676C Project & Home Studio III-Capstone, CCA

Purpose: Third (Capstone) in the sequence of new courses for new specialization within the Sound & Music Technology program; **Credit/Contact/Lab:** 1/2/1; **Prerequisites:** MUM 1675C; **Co-requisites:** None; **Catalog Course Description:** In this course, students use solid principles of Sound Technology, Entrepreneurship and general Business to create and implement a plan to launch a Project/Home studio enterprise; **Effective Date:** Fall 2021 (202210).

NUR 1020C Introduction to Professional Nursing and Health Care Concepts, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 5/9/6; **Prerequisites:** Admission to Nursing A.S. Degree Program, BSC 2093C, NUR 1061C; **Co-requisites:** NUR 1061C, NUR 1141C; **Catalog Course Description:** This course introduces the concepts within the three domains of the health care recipient, health and illness, and professional nursing and health care. Emphasis is placed on the concepts within each domain, including asepsis, hygiene, sterility, skin integrity, communication, collaboration, medication administration, delegation, dimensional analysis, evidence-based practice, critical thinking, nursing process, care and comfort, documentation, mobility, cognition, sensory, elimination, perfusion, and legal/ethical applications. Upon completion, students will be trained to provide safe nursing care incorporating the concepts identified in this course; **Effective Date:** Fall 2021 (202210).

NUR 1061C Health and Illness Concepts of Physical and Health Assessment, CCA **Purpose:** Concept based curriculum revision; **Credit/Contact/Lab:** 5/9/6; **Prerequisites:** Admission to Nursing A.S. Degree Program, BSC 2093C; **Co-requisites:** BSC 2093C; **Catalog Course Description:** This course includes the concepts within the domains of health care recipient, health and illness, and professional nursing and health care. Emphasis is on physical and health assessment for clients throughout the lifespan. Upon completion, students will provide safe nursing care incorporating the concepts identified in this course. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

NUR 1141C Health and Illness Concepts of Pharmacology in Nursing, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 3/5/3; **Prerequisites:** Admission to Nursing A.S. Degree Program, BSC 2093C, NUR 1061C; **Co-requisites:** NUR 1020C, NUR 1061C; **Catalog Course Description:** This course includes concepts within the domain of health and illness, and professional nursing and health care. The course will focus on the concepts of clinical judgment, safety, and client education related to pharmacotherapy. Upon completion, students will provide safe nursing care incorporating the concepts identified in this course. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

NUR 2221C Health and Illness Concepts in Adult Health I, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 5/9/6; **Prerequisites:** BSC 2093C, NUR 1020C, NUR 1061C, NUR 1141C; **Co-requisites:** None; **Catalog Course Description:** This course focuses on the concepts within the domain of health and illness, emphasizing the themes of homeostasis & regulation and protection & movement. The course will include the concepts of inflammation, gas exchange, infection, fluid and electrolytes, perfusion, clotting, hormonal regulation, glucose regulation, and elimination. Upon completion, students will provide safe nursing care incorporating the concepts identified in this course. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

NUR 2223C Health and Illness Concepts in Adult Health II, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 6/12/9; **Prerequisites:** BSC 2094C, NUR 1020C, NUR 1061C, NUR 1141C, NUR 2522C, NUR 2221C, NUR 2420C, NUR 2310C; **Co-requisites:** NUR 2822C, NUR 2811L; **Catalog Course Description:** This course focuses on the concepts within the domain of health and illness, emphasizing the themes of homeostasis and regulation and protection and movement. The course will include a more complex discussion of the concepts of gas exchange, acid-base, elimination, perfusion, infection, tissue integrity, cellular regulation, digestion, and mobility. Upon completion, students will provide safe nursing care incorporating the concepts identified in this course. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

NUR 2310C Health and Illness Concepts of Pediatric Nursing, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 3/5/3; **Prerequisites:** BSC 2094C, NUR 1020C, NUR 1061C, NUR 1141C, NUR 2420C; **Co-requisites:** NUR 2420C; **Catalog Course Description:** This course includes the concepts within the domain of health and illness and health care recipient. This course will focus on the concepts of development, gas exchange, cellular regulation, and intracranial regulation. Upon completion, students will provide safe nursing care incorporating the concepts identified in this course. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

NUR 2420C Health and Illness Concepts of Reproductive and Sexual Health, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 3/5/3; **Prerequisites:** BSC 2094C, NUR 1020C, NUR 1061C, NUR 1141C; **Co-requisites:** None; **Catalog Course Description:** This course includes the concepts within the domain of health and illness and health care recipient. The course will focus on the

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

concepts of reproduction, sexuality, and family dynamics. Upon completion, students will provide safe nursing care incorporating the concepts identified in this course. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

NUR 2522C Health and Illness Concepts of Mental Health, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 3/5/3; **Prerequisites:** BSC 2093C, NUR 1020C, NUR 1061C, NUR 1141C; **Co-requisites:** None; **Catalog Course Description:** This course includes concepts within the three domains of the health care recipient, health and illness, and professional nursing and health care. Emphasis is placed on each domain's concepts, including stress, coping, mood, cognition, addiction, development, and safety. The students will develop communication, assessment, intervention, and evaluation of mental health within the healthcare system. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

NUR 2822C Professional Nursing and Health Care Concepts II, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 4/8/6; **Prerequisites:** NUR 2420C, NUR 2310C, NUR 2223C; **Co-requisites:** NUR 2223C, NUR 2811L; **Catalog Course Description:** This course includes the concepts within the domain of professional nursing and health care. This course focuses on the concepts of professional identity, clinical judgment, leadership, safety, health care quality, health care policy, and health care law. Emphasis is placed on leadership roles, management of care, coordination of care services, and collaboration with the health care team members to ensure safe and effective care for client/family. This course will relate nursing accountability to legal, ethical, and regulatory frameworks. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

NUR 2811L Transition to Professional Nursing Practice, CCA

Purpose: Concept based curriculum revision; **Credit/Contact/Lab:** 3/9/9; **Prerequisites:** None; **Co-requisites:** NUR 2223C, NUR 2822C; **Catalog Course Description:** This course is designed to assimilate the concepts of the health care recipient, health and illness, and professional nursing and health care. Emphasis is placed on the knowledge, skills, and attitude that transition from a student nurse's role to an entry-level registered nurse's role. Learning experiences will be conducted in a variety of patient care settings. Upon completion, the student will meet the end of program learning outcomes. A grade of "satisfactory" in the clinical/lab is required; **Effective Date:** Fall 2021 (202210).

PHI 2600H Ethics and Critical Thinking-Honors, CCA

Purpose: Adding honors section; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** ENC 1101 or ENC 1101H or IDH 1110; **Co-requisites:** None; **Catalog Course Description:** Same as PHI 2600. In addition, course will satisfy one Honors Program Learning Outcome. Honors Program permission required; **Effective Date:** Fall 2020 (202110).

RED 3042 Introduction of Reading and Content for K-12, CCA

Purpose: Legislative changes to teacher preparation requirements and program revision to update and align with College initiatives; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** : Admission to Educator Preparation Institute Program or EPI department approval; **Co-requisites:** None; **Catalog Course Description:** Knowledge

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

and skills for teachers and prospective teachers to establish a substantive understanding of the components of reading as a process: comprehension, oral language, phonological awareness, phonics, fluency, and vocabulary including use and interpretation of reading assessments, scientifically-based reading strategies, and interventions. This course addresses Reading Competencies 1 and 2; **Effective Date:** Fall 2021 (202210).

RED 3551 Foundations of Assessment, CCA

Purpose: Legislative changes to teacher preparation requirements and program revision to update and align with College initiatives; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** Admission to Educator Preparation Institute Program or EPI department approval; **Co-requisites:** None; **Catalog Course Description:** Knowledge and skills for teachers and prospective teachers to identify and administer appropriate subject-specific and literacy assessments, use a systematic problem-solving process to analyze assessment data, inform reading and content instruction for all levels of readers, including for literacy evaluation and intervention, and equitably meet the needs of diverse, K-12 learners. This course addresses Reading Competency 3; **Effective Date:** Fall 2021 (202210).

SLS 2261 Leadership Development, CCA

Purpose: Presently

there is only a Leadership Development course for honor students. This Leadership Development course will allow general population students to register for the course for the purpose of cultivating their leadership skills; **Credit/Contact/Lab:** 3/3/0; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** This course will provide a basic understanding of leadership theory and group dynamics. Students will focus on leadership through the integration of readings in the humanities, contemporary case studies, film, experiential exercises, and group projects; **Effective Date:** Spring 2021 (202120).

SWS 1530C Principles of Irrigation, CCA.....D Debusk

Purpose: This course will be an elective for all specializations in the program; **Credit/Contact/Lab:** 3/4/1; **Prerequisites:** None; **Co-requisites:** None; **Catalog Course Description:** Provides instruction in the various types, installation methods, maintenance techniques, and repair of sprinklers, pipes, back-flow devices, valves, wiring, and controllers used in the landscape and agriculture irrigation industry. Emphasizes basic principles of plant-soil-moisture relations and water movement in soil. Labs topics include the installation of a sprinkler's system, as well as repairing existing systems, diagnosing valve and wiring problems, and the proper scheduling of controllers; **Effective Date:** Fall 2021 (202210).

TPA 2015C Foundations of Technical Design, CCA

Purpose: This course replaces TPA 2010C. The state course numbering system says that TPA 2010C is an artistic design course for theater, but our course has always been a technical design course. The new number (TPA 2015) better reflects the content of the course; **Credit/Contact/Lab:** 3/4/2; **Prerequisites:** TPA 2220C, TPA 2343C and TPA 2290C; **Pre or Co-requisites:** TPA 2343C; **Catalog Course Description:** Practical exploration of the structural and mechanical principles used in scenery construction and rigging for the entertainment industry. Applies theoretical concepts in laboratory and production settings; **Effective Date:** Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

description: Introduction to fundamental biological principles emphasizing common attributes of all living organisms. Unifying concepts include the chemical structure of living matter, structure and function of the cell, cell types, major metabolic functions, control systems, reproduction, genetics, evolution, and ecology. Prerequisite for advanced biology courses. Students should be prepared to complete college-level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirements for graduation; **Effective Date:** Fall 2021 (202210).

CCJ 2358 Criminal Justice Report Writing Capstone, CCM

Purpose: Wording was changed for inclusiveness and clarification. The Capstone course outcomes and the AS CJ Degree program outcomes are both being revised to continue to match each other; **Revised prerequisites:** CJC 2000, CJE 2600, CCJ 2053, CJL 2100, CJJ 2001, and a minimum grade of C in ENC 1101 and CCJ 1020; **Effective Date:** Fall 2021 (202210).

CET 1610C Cisco Router Technology, CCM

Purpose: Need to revise topics, learning outcomes, and corresponding evidence of learning to reflect the changes in the new Cisco curriculum; **Revised Course Description:** This course focuses on switching technologies and router operations that support small-to-medium business networks. It includes wireless local area networks (WLANs) and security concepts. This is the second course of a three-part series in the CCNAv7 curriculum designed to prepare students for the Cisco Certified Networking Associate exam; **Effective Date:** Fall 2021 (202210).

CET 2118C FPGA Design using VHDL, CCM

Purpose: Inclusion of the CET 2114C course; **Revised Prerequisites:** CET 2114C or CET 2113C or department approval; **Effective Date:** Fall 2021 (202210).

CET 2123C Fundamentals of Microprocessors, CCM

Purpose: Inclusion of the CET 2114C course; **Revised Prerequisites:** To align to the required standards in the curriculum framework. AS to BS re-alignment; **Effective Date:** Fall 2021 (202210).

CET 3136C Logic Devices Programming, CCM

Purpose: 1) CET 2114C added to the list of prerequisites 2) Editing CLOs and evidences of learning to make them more clear and measurable; **Revised Prerequisites:** CET 2113C or CET 2114C; **Effective Date:** Fall 2021 (202210).

CET 4367C Microcontroller Devices, CCM

Purpose: 1) CET 2114C added to the list of prerequisites 2) Editing CLOs and evidences of learning to make them more clear and measurable; **Revised Prerequisites:** CET 2113C or CET 2114C and CET 2123C and a minimum grade of C in COP 3275C; **Effective Date:** Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

CET 4542 Computer Architecture and Data Communication, CCM

Purpose: 1) CET 2114C added to the list of prerequisites 2) Editing CLOs and evidences of learning to make them more clear and measurable; **Revised Prerequisites:** CET 2113C or CET2114C and CET 2123C and a minimum grade of C in EGN 3428; **Effective Date:** Fall 2021 (202210).

DIG 2100C Web Essentials, CCM

Purpose: Modifications are to align with current industry practices; **Revised Course Description:** Students become familiar with essential concepts used to employ critical thinking and basic web coding language to create standards compliant web sites. Students also learn the importance of web standards, validation and debugging when creating projects; **Effective Date:** Fall 2021 (202210).

DIG 2109C Digital Imaging Fundamentals, CCM

Purpose: We are replacing DIG 1940 with TPA 1380 in the program pathway; **Revised Prerequisites:** Minimum grade of C in DIG 2000C; and minimum grade of C in TPA 1380 or DIG 2132C or ART 1300C; or departmental approval; **Effective Date:** Fall 2021 (202210).

DIG 2341C Introduction to Motion Graphics, CCM

Purpose: Creating an introductory drawing course which focuses on competencies for media students; **Revised Prerequisites:** Minimum grades of C in DIG 2132C and DIG 2109C; or department approval; **Effective Date:** Fall 2021 (202210).

DIG 2430C Digital Storytelling, CCM

Purpose: We are replacing DIG 1940 with TPA 1380 in the program pathway; **Revised Prerequisites:** Minimum grade of C in either DIG 2132C or TPA 1380 or JOU 2100C or department approval; **Effective Date:** Fall 2021 (202210).

DIG 2580C Digital Media Portfolio Review, CCM

Purpose: Increasing credit hours from 1 to 2 to reflect amount of work involved in the course; **Revised Credit/Contact/Lab Hours:** 2/2/1; **Effective Date:** Fall 2021 (202210).

EET 1015 Fund of DC Circuits, CCM

Purpose: Inclusion of the new math courses; **Revised Prerequisites:** EET 1214C and either MTB 1329 or MGF 1106 or MAC 1105 or department approval; **Effective Date:** Fall 2021 (202210).

EET 1141C Semiconductor Devices & Circuits, CCM.....R. Bunea

Purpose: Prerequisites modified due to new courses; **Revised Prerequisites:** EET 1025C or EET 2035C or department approval; **Effective Date:** Fall 2021 (202210).

EET 2365C Wireless and Data Communication, CCM

Purpose: The course description and the course learning outcomes were modified based on the program annual review outcome and the feedback provided by the advisory council; **Revised prerequisites:** CET 2113C or CET 2114C and EET 1141C or EET 2140C, or department approval; **Revised course description:** The second in a two-course sequence in communications, this course covers the following topics: multiplexing and demultiplexing for analog and digital signals, transmission of digital data, transmission lines, antennas and wave propagation,

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

microwave communication and applications, and satellite communication. Laboratory projects will provide the hands-on experience that will supplement classroom lectures; **Effective Date:** Fall 2021 (202210).

EET 4910 Senior Design Proposal, CCM

Purpose: 1) Course description has been updated to better reflect the work done in the course 2) CLOs and evidences of learning have been updated to make them more clear and measurable; **Revised Catalog Course Description:** Senior students will form groups and conduct supervised research for senior design project ideas. Design groups will create a project website and document a plan for the implementation of the approved project. Design groups will write a formal design proposal report and present their proposal in front of a combined technical and non-technical audience; **Effective Date:** Fall 2021 (202210).

EGN 3443 Statistical Theory for Engineering Technology, CCM

Purpose: 1) Change of the course title to better represent the nature of the course 2) Removing 'be able to' from evidence of learning as advised by the assessment team 3) Removing one of the topics from the course description that is not covered in the course; **Revised Course Title:** Probability and Statistics for Engineering Technology; **Revised Catalog Course Description:** This course encompasses topics of statistical methods and probability theory important for engineering technology students. Topics include organization and description of data, axioms and theorems of probability, conditional probability, probability distributions, Poisson processes, probability density functions, statistics of populations and samples, estimation, test of hypotheses, regression analysis as applied to Engineering Technology. A minimum grade of C is required if used to satisfy Electrical and Computer Engineering Technology, B.S. degree requirement; **Effective Date:** Fall 2021 (202210).

ENY 1002C Principles of Entomology, CCM

Purpose: There is not supposed to be a prerequisite for this class so that students that do the smaller certificate have the ability to do it in one semester; **Revised Prerequisites:** None; **Effective Date:** Fall 2021 (202210).

ETS 1210C Intro to Photonics, CCM

Purpose: Prerequisites modified due to new courses; **Revised Prerequisites:** MTB 1329 or MGF 1106 or MAC 1105 or department approval; **Effective Date:** Fall 2021 (202210).

ETS 1603C Fundamentals of Robotics and Simulation, CCM

Purpose: Prerequisites modified due to new courses; **Revised Prerequisites:** MTB 1329 or MGF 1106 or MAC 1105 and EET 1214C or EET 1084C or department approval; **Effective Date:** Fall 2021 (202210).

ETS 2220C Introduction to Fiber Optics, CCM

Purpose: Prerequisites modified due to new courses; **Revised Prerequisites:** MTB 1329 or MGF 1106 or MAC 1105 or department approval; **Effective Date:** Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

ETS 2511C Electro-Mechanical Systems, CCM

Purpose: Prerequisites modified due to new courses; **Revised Course Title:** Electromechanical Systems; **Revised Prerequisites:** EET 1025C or EET 2035C or EET 1036C or EET 1084C or department approval; **Effective Date:** Fall 2021 (202210).

ETS 2542C Programmable Logic Controllers I, CCM...R Bunea

Purpose: Prerequisites modified due to new courses; **Revised Prerequisites:** CET 2114C or CET 2112C or department approval; **Effective Date:** Fall 2021 (202210).

FFP 1000 Fire Science Fundamentals, CCM

Purpose: Review and realign the course description and outcomes with state and national standards; **Revised Catalog Course Description:** This course is an overview of fire protection and emergency services, including career opportunities in related fields, the culture and history of emergency services, and fire loss analysis. It also covers the organization and function of public and private fire protection services, fire departments as part of local government, and the laws and regulations affecting the fire service. Since this course is approved as a New Student Experience (NSE) substitute course at Valencia College, it also explores the many educational, financial, and personal resources and support systems that are available at the college to help with academic and personal success; **Effective Date:** Fall 2021 (202210).

FFP 1109 Fire Department Occupational Safety and Health, CCM

Purpose: Review and realign the course description and outcomes with state and national standards; **Revised Catalog Course Description:** This course examines guiding principles for fire department occupational safety and health programs. It includes safety considerations and risk management principles for rescue, fire suppression, and related activities. In addition, this course explores healthy lifestyles, tactical operations, and agency practices related to preventing firefighter injury, death and disease, and facilitating positive physical and mental health. This course also discusses the basic principles and history related to the 16 National Fallen Firefighters Foundation Life Safety Initiatives and the focus on the need for cultural and behavior change throughout the emergency services; **Effective Date:** Fall 2021 (202210).

FFP 1505 Fire Prevention, CCM

Purpose: Review and realign the course description and outcomes with state and national standards; **Revised Catalog Course Description:** This course is an introduction to the principles of fire prevention that includes an overview of fire hazards, fire codes, fire prevention inspection procedures, public relations and education, fire protection systems, and determining fire cause while preserving evidence; **Effective Date:** Fall 2021 (202210).

FFP 1540 Private Fire Protection Systems I, CCM

Purpose: Review and realign the course description and outcomes with state and national standards; **Revised Catalog Course Description:** This course explores the design and operation of fire alarm systems, water-based and special hazard fire suppression systems, smoke mitigation systems, portable fire extinguishers, and water supply for fire protection. Each system is covered as to need, construction, maintenance, and use; **Effective Date:** Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

FFP 1612 Fire Behavior and Combustion, CCM

Purpose: Review and realign the course description and outcomes with state and national standards; **Revised Catalog Course Description:** This course explores the theories and science of how and why fires start, spread, and are controlled. The course covers the combustion processes of materials and substances, fire dynamics, thermodynamics, and fire chemistry; **Effective Date:** Fall 2021 (202210).

FFP 2120 Building Construction for the Fire Service, CCM

Purpose: Review and realign the course description and outcomes with state and national standards; **Revised Catalog Course Description:** This course provides a basic understanding of new and renovated building design and construction methods as related to firefighter and life safety. It covers building construction materials, principles, and practices concerning fire loads and fire behavior. This course also includes inspection and preplanning concepts to protect people and property; **Effective Date:** Fall 2021 (202210).

FIL 2421 Film Production I, CCM

Purpose: Modify course description and outcomes; **Revised Course Description:** Through a series of lectures and demonstrations by the instructor and working professionals in the film and television industry, students are introduced to the competencies related to pre-production. Those competencies include an understanding of the language of cinema, story foundation and screenplay. Students will also begin the process of script breakdowns, both creative and technical. Student will participate as a technician in College-sponsored, short film productions; **Effective Date:** Fall 2021 (202210).

FIL 2432C Film Production II, CCM.....E Fleming

Purpose: Modify course description and outcomes; **Revised Course Description:** Through a series of lectures and demonstrations by the instructor and working professionals in the film and television industry, and production-related projects, students are introduced to the competencies related to production. Those competencies include creative and technical script analysis, directing the narrative (visual and working with actors), budgeting and understanding the collaboration between key creative and technical crew members. Students will develop and produce their own short films. Students will participate as technicians in College-sponsored film productions; **Effective Date:** Fall 2021 (202210).

FIL 2438C Film Production III, CCM.....E Fleming

Purpose: ADDING "CAPSTONE" TO COURSE TITLE: We'd like to recognize Film Production III as a capstone course. This is the final course students take, in our cohort based program, to obtain their A.S. degree in Film Production Technology. We've also received support from our annual program review members to include "capstone" in the course title. CORRECTED TYPO IN PREREQUISITES SECTION: I corrected "FIL 2461C" to read "FIL 2461", which is the correct course number; **Revised Course Title:** Film Production III Capstone; **Effective Date:** Fall 2021 (202210).

FOS 2201 Food Service Sanitation Mgmt., CCM

Purpose: Add FSS 1203C as corequisite; **Revised Co-requisite:** FSS 1203C; **Effective Date:** Fall 2020 (202110).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

FOS 2201 Food Service Sanitation Management, CCM **Purpose:**
Remove prerequisite and co-requisite; **Revised Prerequisites:** None; **Revised Co-requisites:** None; **Effective Date:** Spring 2021 (202120).

FSS 1240C Classical Cuisine, CCM
Purpose: FSS 2251C has been replaced with HFT 2263 and is no longer a prereq; **Revised Prerequisites:** FOS 2201, FSS 1203C; **Effective Date:** Fall 2020 (202110).

FSS 2058C Confectionary Art and Principles of Design, CCM
Purpose: updated prereqs; **Revised Prerequisites:** FSS 2061C; **Effective Date:** Fall 2020 (202110).

FSS 2059C Chocolates and Confections, CCM
Purpose: updated prereqs; **Revised Prerequisites:** FSS 2061C; **Effective Date:** Fall 2020 (202110).

FSS 2061C Basic & Classical Cakes and Pastries, CCM
Purpose: updated prereqs; **Revised Prerequisites:** FSS 2056C; **Effective Date:** Fall 2020 (202110).

FSS 2205C Quantity Food Production III, CCM
Purpose: FSS 2251C has been replaced with HFT 2263 and is no longer a prereq; **Revised Prerequisites:** FOS 2201, FSS 1203C, FSS 2204C; **Effective Date:** Fall 2020 (202110).

FSS 2242C International and Regional Foods, CCM **Purpose:** FSS 2251C has been replaced with HFT 2263 and is no longer a prereq; **Revised Prerequisites:** FOS 2201, FSS 1203C, FSS 1246C; **Effective Date:** Fall 2020 (202110).

FSS 2248C Garde-Manger, CCM
Purpose: FSS 2251C has been replaced with HFT 2263 and is no longer a prereq; **Revised Prerequisites:** FOS 2201, FSS 1203C, FSS 1246C, FSS 2247C; **Effective Date:** Fall 2020 (202110).

GRA 1206C Fundamentals Of Typography, CCM
Purpose: Course prereq change; **Revised Prerequisites:** Minimum grade of C in both GRA 1142C and GRA 1413; or minimum grade of C in both DIG 2109C and TPA 1380; or department approval; **Effective Date:** Fall 2021 (202210).

GRA 1751 Information Architecture, CCM

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: Modifications made to update outline to align with current industry standards; **Revised Course Description:** Provides instruction in user interaction and user experience to assist students in learning to research, plan, organize and develop an interactive solution. Logical thinking and creative problem solving processes used for planning interactive solutions, with a special emphasis on interactive design, will be provided. Special emphasis on visual communication fundamentals, problem solving, content strategy, sitemaps, wireframes, user interaction and user experience will be covered; **Effective Date:** Fall 2021 (202210).

GRA 2132C Advanced Interactive Design, CCM

Purpose: Modifications made to update outline to align with current industry standards; **Revised Course Title:** Advanced Interactive Design I; **Revised Course Description:** Students will learn advanced planning and design techniques to produce professional interactive design projects and prototypes for a variety of media, with an emphasis placed on development of advanced UI/UX concept and execution. Students will gain experience in a variety of current industry software to create graphics and media for interactive projects; **Effective Date:** Fall 2021 (202210).

GRA 2133C Intermediate Web Design, CCM

Purpose: Modifications made to update outline to align with current industry standards; **Revised Course Title:** Intermediate Interactive Design; **Revised Prerequisites:** Minimum grade C in GRA 2585C AND either GRA 2141C or GRA 2723C or department approval; **Revised Course Description:** Provides intermediate instruction in the current coding languages and prototype standards in the creation of interactive projects. Instruction on intermediate level interactive design principles with consideration of various media. Special emphasis placed on user experience/user interface principles through conceptual design techniques as well as advanced prototyping and HTML/CSS coding skills; **Effective Date:** Fall 2021 (202210).

GRA 2141C Web Page Design, CCM

Purpose: Modifications made to update outline to align with current industry standards; **Revised Course Title:** Web Design; **Revised Prerequisites:** Minimum grades of C in GRA 1142C and DIG 2100C or departmental approval; **Revised Course Description:** Provides instruction in the most current industry standard software and coding tools used to produce web pages. Current coding practices to create effective web pages will be provided. Special emphasis will be placed on current design trends, best practices and design principles for creating effective web page designs; **Effective Date:** Fall 2021 (202210).

GRA 2143C Advanced Web Page Design, CCM

Purpose: Modifications made to update outline to align with current industry standards; **Revised Course Title:** Advanced Web Design; **Revised Prerequisites:** Minimum grade of C in GRA 2723C and GRA 2141C or departmental approval; **Revised Course Description:** Students will apply current web design principles to create latest industry standard site solutions for their professional portfolios. Students will plan, design, and develop functional, visually attractive and user-centric web pages. Special emphasis will be placed on advanced HTML/CSS and other latest industry standard software, coding languages and UI/UX in relation to web design; **Effective Date:** Fall 2021 (202210).

GRA 2310C Graphic Reproduction Processes, CCM

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: Necessary prerequisite change; **Revised Prerequisites:** Minimum grade of C in GRA 1203C or department approval; **Effective Date:** Fall 2021 (202210).

GRA 2723C CSS Design, CCM

Purpose: Modifications made to update outline to align with current industry standards; **Revised Prerequisites:** Minimum grade of C in GRA1142C and DIG 2100C or department approval; **Revised Course Description:** Students will apply the fundamentals of HTML and CSS acquired in prerequisite courses to advance their knowledge of planning, designing and developing standards-compliant, visually attractive web pages. Students will learn to separate style & content from structure to create effective, accessible web pages. Students will utilize current industry standard coding practices for responsive design across a variety of media; **Effective Date:** Fall 2021 (202210).

HFT 1000 Introduction to Hospitality and Tourism Industry, CCM

Purpose: change course to incorporate learning outcomes from SLS 1122; **Revised Course Description:** This course provides an overview of many facets of hotels and foodservice industries, tourism, and hospitality industry academic and technical requirements. The course includes study of history, scope and innovations in industry. Students will enhance competence in oral communications, resume writing, interviewing, and leadership skills through learning activities, as well as hotel property tours; **Effective Date:** Fall 2021 (202210).

HFT 2245 Guest Service Management, CCM

Purpose: Course description revision; **Revised Course Description:** This course provides strategies and tactics for managing service expectations and experiences. Delivering consistent, quality service requires the training and retraining of employees about the role of service professionals in the design, staffing, marketing, and management of the service system. Students will learn how to create a favorable guest service climate that harnesses the natural talents of service professionals. This course offers unique and useful guidance on the hiring, training, supporting, retention, and empowerment of service professionals. This course fulfills the hospitality management A.S. Career Path requirement, but it is not equivalent to UCF HFT 3540; **Effective Date:** Fall 2021 (202210).

HFT 2500 Marketing and Sales in the Hospitality Industry, CCM

Purpose: Change name to align with UCF and other Institutions; **Revised Course Title:** Marketing in the Hospitality Industry; **Effective Date:** Fall 2021 (202210).

HFT 2867C Wine Essentials, CCM

Purpose: Adjusted catalog description and learning outcomes to better align with the recently adopted course materials; **Revised Course Hours:** 3/3/1; **Revised Course Description:** A survey of the renowned old and new world wine regions, their evolution in western culture and their role in contemporary society. Grape varieties and celebrated vineyards, classification systems, international trends in wine consumption and restaurant marketing, will be studied. Students are introduced to the fundamentals of wine service and tasting. Hospitality and Culinary students will be given preference in enrolling in this course. Must be at least 18 years of age at the time of enrollment. Professional wine tasting protocol requires that all students taste the wine and spit; **Effective Date:** Fall 2021 (202210).

HFT 2941 Internship Exploration in Hospitality and Tourism, CCM

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: Revising prerequisites; **Revised Prerequisites:** Satisfactory completion of all mandated courses in Reading, Mathematics, English, and English for Academic Purposes; and 12 credits including HFT 1000 and either HFT 2254 or HFT 2261 or FSS 2251. The Program Director/Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses; **Effective Date:** Fall 2021 (202210).

HFT 2942 Internship in Hospitality and Tourism, CCM

Purpose: Revising prerequisites; **Revised Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; 12 credits including HFT 1000 and either HFT 2254 or HFT 2261 or FSS 2251. The Program Director/Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses; **Effective Date:** Fall 2021 (202210).

HFT 2943 Internship in Restaurant Management, CCM

Purpose: Revising prerequisites; **Revised Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; 12 credits including HFT 1000 and either HFT 2254 or HFT 2261 or FSS 2251. The Program Director/Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses; **Effective Date:** Fall 2021 (202210).

HIM 1211 Health Information Technologies, CCM

Purpose: Accreditation standards alignment; **Revised Course Hours:** 3/3/0; **Effective Date:** Fall 2021 (202210).

HIM 1800L Professional Practice Experience, CCM

Purpose: Accreditation standards alignment; **Revised Course Description:** This is an introductory level course giving the students their initial supervised professional practice experience in the health information management department; **Revised Course Hours:** 3/9/9; **Effective Date:** Fall 2021 (202210).

HIM 2214 Health Care Statistics and Research, CCM

Purpose: Accreditation standards alignment; **Revised Prerequisites:** Minimum grade of C in HIM 1110, and STA 2023; **Revised Course Hours:** 3/3/0; **Effective Date:** Fall 2021 (202210).

HIM 2222C Basic ICD Coding, CCM

Purpose: Student success in HIM 2222C; **Revised Prerequisites:** Admission to the A.S. HIT Program or be a declared Medical Information Coder/Biller Technical Certificate major and have a minimum grade of C in HIM 1453; **Effective Date:** Fall 2021 (202210).

HIM 2820L Professional Practice Experience III, CCM

Purpose: Accreditation standards alignment; **Revised Prerequisites:** Minimum grades of C in HIM 2500 and HIM 2810L; **Revised Course Hours:** 3/9/9; **Effective Date:** Fall 2021 (202210).

HIM 2960 Health Information Technician Review, CCM

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: Increase in credit hour to align with accreditation standards; **Revised Prerequisites:** HIM 2500 and HIM 2512; **Revised Course Hours:** 3/3/0; **Effective Date:** Fall 2021 (202210).

HUM 2220 Humanities-Greek and Roman, CCM

Purpose: Revise course title and update outcomes; **Revised Course Title:** Greek and Roman Humanities; **Effective Date:** Fall 2021 (202210).

HUM 2220H Humanities-Greek and Roman-Honors, CCM

Purpose: Revise course title and update outcomes; **Revised Course Title:** Greek and Roman Humanities-Honors; **Effective Date:** Fall 2021 (202210).

HUM 2232 Hum Renaissance and Baroque, CCM

Purpose: Revise course title and update outcomes; **Revised Course Title:** Renaissance and Baroque Humanities; **Effective Date:** Fall 2021 (202210).

HUM 2234 18th and 19th Century Humanities, CCM

Purpose: Revise course description and update outcomes; **Revised Course Description:** Students are introduced to the culture, history, and ideas of the eighteenth and nineteenth centuries, emphasizing the emergence of the Scientific Revolution, the Enlightenment, Romanticism, and more. A Gordon Rule course, students must demonstrate college-level writing skills and earn at least a C if used to satisfy Gordon Rule requirement; **Effective Date:** Fall 2021 (202210).

HUM 2234H 18th and 19th Century Humanities-Honors, CCM

Purpose: Revise outcomes; **Effective Date:** Fall 2021 (202210).

HUM 2461 Latin American Humanities, CCM

Purpose: The review of the Common Course Outline is part of the Assessment process and cycle selected by the Humanities Faculty; **Revised Course Description:** This course is an interdisciplinary study of the history and culture of Latin America. Focuses on how modern Latin American cultures are the product of a historic biological and cultural interchange between Europe, Africa, and the Americas. Topics include pre-Columbian civilizations, the Encounter and its aftermath, independence, modernist art, literature, and cinema. This is a Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple writing assignments. Minimum grade of C required if used to satisfy Gordon Rule requirement; **Effective Date:** Fall 2021 (202210).

HUM 2461H Latin American Humanities - Honors, CCM

Purpose: Outline was reviewed for the last time in 2014. This review is also part of the Assessment cycle for Humanities; **Revised Prerequisites:** ENC 1101 or ENC 1101H; **Effective Date:** Fall 2021 (202210).

MAC 1105 College Algebra, CCM

Purpose: Improved alignment with the state description. Clarity in communicating the course content; **Revised course description:** Course based on the study of functions and their role in problem solving. Topics include graphing, the linear, quadratic, and exponential families of functions, and inverse functions. Students

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

will be required to solve applied problems and communicate their findings effectively. Technology tools will be utilized in addition to analytical methods. Minimum grade of C required if MAC 1105 is used to satisfy Gordon Rule and general education requirements; **Effective Date:** Fall 2021 (202210).

MAC 1105H **College Algebra-Honors, CCM**

Purpose: Improved alignment with the state description. Clarity in communicating the course content;

Revised prerequisites: Minimum grade of C in MAT 1033C or appropriate score on an approved assessment;

Revised course description: Course based on the study of functions and their role in problem solving. Topics include graphing, the linear, quadratic, and exponential families of functions, and inverse functions. Students will be required to solve applied problems and communicate their findings effectively. Technology tools will be utilized in addition to analytical methods. Minimum grade of C required if MAC 1105H is used to satisfy Gordon Rule and general education requirements; **Effective Date:** Fall 2021 (202210).

MAC 1114 **College Trigonometry, CCM**

Purpose: Improved alignment with the state description. Clarity in communicating the course content;

Revised course description: Topics include a symbolical, graphical and numerical analysis of trigonometric functions; solutions of plane triangles and vectors. Applications emphasizing connections with other disciplines and with the real world will be included. Technology tools will be utilized in addition to analytical methods. Minimum grade of C required if MAC 1114 is used to satisfy Gordon Rule and general education requirements. Credit will not be given for both MAC 1114 and any of the following: MAC 1132, MAC 1142, and MAC 1147; **Effective Date:** Fall 2021 (202210).

MAC 1140 **Precalculus Algebra, CCM**

Purpose: Improved alignment with the state description. Clarity in communicating the course content;

Revised course description: Algebra preparation for the calculus sequence. Topics include a symbolical, graphical, and numerical analysis of polynomials, exponential, logarithmic, power, and rational functions; matrices, sequences, induction, binomial theorem and conic sections. Applications emphasizing connections with other disciplines and with the real world will be included. Technology tools will be utilized in addition to analytical methods. Minimum grade of C required if MAC 1140 is used to satisfy Gordon Rule and general education requirements. Credit will not be given for both MAC 1140 and any of the following: MAC 1132, MAC 1142, and MAC 1147; **Effective Date:** Fall 2021 (202210).

MAC 2233 **Calculus for Business and Social Science, CCM**

Purpose: Course and outcome changes; **Revised course description:** Introduction to calculus with applications to business and social science. Topics include limit, differentiation and integration of algebraic, exponential and logarithmic functions, rates of change, curve sketching, and applications of the derivative and integration. Minimum grade of C required if MAC 2233 is used to satisfy Gordon Rule and general education requirements; **Effective Date:** Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

MAC 2233H Calculus for Business and Social Science-Honors, CCM

Purpose: Course and outcome changes; **Revised course description:** Introduction to calculus with applications to business and social science. Topics include limit, differentiation and integration of algebraic, exponential and logarithmic functions, rates of change, curve sketching, and applications of the derivative and integration. This course will satisfy one Honors Program outcome. Minimum grade of C required if MAC 2233 is used to satisfy Gordon Rule and general education requirements; **Effective Date:** Fall 2021 (202210).

MAC 2311 Calculus with Analytic Geometry I, CCM

Purpose: Course and outcome changes; **Revised course description:** Topics include limits and continuity, indeterminate forms, derivatives of algebraic, trigonometric, and transcendental functions, applications of derivatives, definite and indefinite integral, the Mean Value Theorem and Intermediate Value Theorem, the Fundamental Theorem of Calculus . Minimum grade of C required if MAC 2311 is used to satisfy the Gordon Rule and general education requirements; **Effective Date:** Fall 2021 (202210).

MAC 2312 Calculus with Analytic Geometry II, CCM

Purpose: To improve alignment with the state description and clear communicate course content; **Revised course description:** Topics include differentiation and integration, techniques of integration, conic sections, and infinite series. Minimum grade of C required if MAC 2312 is used to satisfy the mathematics requirement in general education; **Effective Date:** Fall 2021 (202210).

MAC 2313 Calculus with Analytic Geometry III, CCM

Purpose: Course and outcome changes; **Revised course description:** Topics include polar coordinates, vectors, three-dimensional analytic geometry, parametric equations, partial derivatives, multiple integration, vector calculus; **Effective Date:** Fall 2021 (202210).

MAP 2302 Differential Equations, CCM

Purpose: Course and outcome changes; **Revised course description:** Introduction to solutions and applications of ordinary differential equations. Topics include first order differential equations and applications; higher order linear differential equations and applications; Laplace transforms; systems of linear equations; boundary value problems; **Effective Date:** Fall 2021 (202210).

MAT 0018C Developmental Mathematics I, CCM

Purpose: Course and outcome changes; **Revised course description:** This is the first developmental course in the two-course sequence (MAT 0018C and MAT 0028C) designed to prepare students for MAT 1033C. This course may also be used to prepare students for MGF 1106. This course emphasizes arithmetic, fundamental algebraic operations, an introduction to linear equations in one variable, and applications of these topics. A minimum grade of C is required for successful completion. This course does not apply toward mathematics requirements in general education or toward any associate degree; **Effective Date:** Fall 2021 (202210).

MAT 0022C Developmental Mathematics Combined, CCM

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: Course and outcome changes; **Revised course description:** This developmental course supplements the algebraic background of students prior to taking MAT1033C. This course emphasizes fundamental algebraic operations, linear equations and inequalities, properties of exponents, polynomials and factoring, introductions to rational and radical expressions, and applications of these topics. A minimum grade of C is required for successful completion. This course does not apply toward mathematics requirements in general education or toward any associate degree; **Effective Date:** Fall 2021 (202210).

MAT 0028C Developmental Mathematics II, CCM

Purpose: Course and outcome changes; **Revised course description:** This developmental course supplements the algebraic background of students prior to taking MAT1033C. This course emphasizes linear equations and inequalities, properties of exponents, polynomials and factoring, introductions to rational and radical expressions, and applications of these topics. A minimum grade of C is required for successful completion. This course does not apply toward mathematics requirements in general education or toward any associate degree; **Effective Date:** Fall 2021 (202210).

MAT 1033C Intermediate Algebra, CCM

Purpose: Improved alignment with the state description. Clarity in communicating the course content; **Revised prerequisites:** Minimum grade of C in MAT 0022C or MAT 0028C, or appropriate score on an approved assessment, or per current state mandates; **Revised course description:** This course presents algebraic skills for MAC 1105. Topics include linear equations and inequalities in two variables and their graphs, systems of linear equations and inequalities, introductions to functions, factoring, algebraic functions, rational equations, radicals, rational exponents, complex numbers, quadratic equations, scientific notation, applications of the above topics and the communication of mathematics. Applications emphasizing connections with disciplines and the real world will be included. This course carries general elective credit but does not satisfy either Gordon Rule or general education requirements; **Effective Date:** Fall 2021 (202210).

MGF 1106 College Mathematics, CCM

Purpose: Improved alignment with the state description and other state colleges. Clarity in communicating the course content, purpose and math pathway; **Revised course title:** Liberal Arts Mathematics I; **Revised course description:** Topics include systematic counting, probability, statistics, geometry, sets, logic, and the history of mathematics. Minimum grade of C required if MGF 1106 is used to satisfy Gordon Rule and general education requirements. Credit may not be given for both MGF1106 and MGF2106 nor for MGF1106 and MGF2202; **Effective Date:** Fall 2021 (202210).

MGF 1106H College Mathematics-Honors, CCM

Purpose: Improved alignment with the state description and other state colleges. Clarity in communicating the course content, purpose and math pathway; **Revised course title:** Liberal Arts Mathematics I-Honors; **Revised course description:** Topics include systematic counting, probability, statistics, geometry, sets, logic, and the history of mathematics. Minimum grade of C required if MGF1106 is used to satisfy Gordon Rule and general education requirements. Credit may not be given for both MGF1106 and MGF2106 nor for MGF1106

and MGF2202. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Effective Date:** Fall 2021 (202210).

MGF 1107 Mathematics for the Liberal Arts, CCM

Purpose: Improved alignment with the state description and other state colleges. Clarity in communicating the course content, purpose and math pathway; **Revised course title:** Liberal Arts Mathematics II; **Revised course description:** This course covers topics chosen from numeration and mathematical systems, elementary number theory, linear and exponential growth, financial mathematics, voting and apportionment, graph theory, geometric transformations, history of mathematics in the context of selected topics, connections to other disciplines, and other special topics in mathematics. Minimum grade of C required if course is used to satisfy Gordon Rule and general education requirements; **Effective Date:** Fall 2021 (202210).

MUM 2632L Audio Systems Design and Maintenance, CCM

Purpose: Additional pre-requisites needed to insure success in the course; **Revised Prerequisites:** Minimum grade of C in MUM 1002C, MUM 1662L and MUM 2661C; **Effective Date:** Fall 2021 (202210).

MUM 2634L The Digital Audio Workstation, CCM

Purpose: Update Catalog description to eliminate "Advanced" from the techniques covered in the course; **Revised Prerequisites:** Minimum grade of C in MUM 1002C or department approval; **Revised Co-requisites:** MUM 2661C or MUM 1674C; **Revised Course Description:** This course introduces students to sound recording and post-production techniques using a Digital Audio Workstation. The course concentrates on developing beginner and intermediate techniques on the most current software package used in the sound recording industry; **Effective Date:** Fall 2021 (202210).

MUM 2637L Intro to Videogame and VR Sound, CCM

Purpose: Experience with the course indicates that MUM 1642L can be taken at the same time as this course, so it becomes a pre or co requisite; **Revised Co-requisites:** MUM 1642L; **Effective Date:** Fall 2021 (202210).

MUM 2640C Post Production Sound - Capstone, CCM

Purpose: Postproduction has become a single word, and it is a formal entry in several dictionaries. The single word is the common usage in the industry. Elimination of items in the description that are now covered in specialized courses; **Revised Course Title:** Sound Postproduction-Capstone; **Revised Prerequisites:** Minimum grade of C in MUM 2666C, in MUM 1642L, and in MUM 1646C; **Revised Co-requisites:** MUM 1642L and MUM 1646C; **Revised Course Description:** A project-oriented approach to sound postproduction techniques. Includes mixing to picture, mixing by stems, pre-dubs, Surround and Immersive audio mixing for theatrical film releases, and for home theater releases such as television and video streams; and creation of deliverables as per industry standards; **Effective Date:** Fall 2021 (202210).

MUM 1003L Digital Audio Workstation for Non-Majors, CCM

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: It makes it possible to offer an online-only version of the Digital Audio workstation, which uses different software from what we use on-site; **Revised Course Title:** Digital Audio Workstation Online; **Revised Course Description:** An introduction leading Audio and Music Production/Editing software, Including MIDI sequencing. This course may lead to a software certification; **Effective Date:** Fall 2021 (202210).

OCE 1001 Intro to Oceanography, CCM

Purpose: Course description and outcome changes; **Revised Catalog Course Description:** Acquaint students with elementary physical, biological, chemical, and geological characteristics of the world ocean system. Emphasis on Florida's unique relationship with the ocean environment; **Effective Date:** Fall 2021 (202210).

OCE 1001H Intro to Oceanography-Honors, CCM

Purpose: Course description and outcome changes; **Revised Catalog Course Description:** Same as OCE 1001 with honors content. Honors program permission required; **Effective Date:** Fall 2021 (202210).

ORH 1510C Ornamental Plant Materials, CCM

Purpose: Removing the pre-req as many of our students take this course as they are taking PLS 1010C, BOT 2010C, or another plant science course; **Revised Prerequisites:** None; **Effective Date:** Fall 2021 (202210).

ORH 1234C Ornamental Plant Maintenance, CCM

Purpose: Needed to update the course description as there was an error in the catalog. The error had the description of another one of our courses (ORH 1510C); **Revised Course Description:** A comprehensive study of maintenance practices of ornamental plants and turfgrasses including plant selection, planting, mulching, mowing/pruning, fertilization techniques, and irrigation. An emphasis will be placed on the roles of integrated pest management (IPM) and best management practices (BMPs) in the protection of water resources; **Effective Date:** Fall 2020 (202110).

PHI 2010 Intro to Philosophy, CCM

Purpose: This change in the description grew out of a revision to the course outline for the upcoming assessment cycle. These changes were made to better reflect the aims of the course; **Revised Catalog Course Description:** Students are introduced to metaphysics, epistemology, ethics, political philosophy, and philosophy of religion. Students explore the writings of notable philosophers, past and present, and examine how their ideas are relevant to modern life; **Effective Date:** Fall 2021 (202210).

PHI 2600 Ethics and Critical Thinking, CCM

Purpose: This change in the description grew out of a revision to the course outline for the upcoming assessment cycle. These changes were made to better reflect the aims of the course; **Revised Catalog Course Description:** Study of major theoretical principles on which claims to good life and moral action have been based, such as consequentialism, deontology, and virtue ethics. Each theory will be illustrated by representative selections from works of great philosophers from the classical period to the present. This is a

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Gordon Rule course, which requires demonstration of college level writing skills through multiple assignments. Minimum grade of C required if used to satisfy Gordon Rule requirement; **Effective Date:** Fall 2021 (202210).

RET 1874L Clinical Practice I, CCM

Purpose: We would like to spread out the student's clinical time throughout the program by creating a fourth clinical rotation. This will help support our students who work full-time and help our community partners by limiting the amount of students they need to place each day. This is a common practice among other respiratory care programs in the state. These programs have proved to have success with this model. Other Valencia College health programs also have four and five clinicals within their programs; **Revised Contact Hours:** 3/12/12; **Revised Prerequisites:** Minimum Grade of C in RET 1025 and RET 1485; **Revised Catalog Description:** Students are assigned to clinical practice observing and delivering acute patient care under supervision of staff respiratory therapist or clinical instructor. Rotations will consist of sleep labs, pulmonary functions, long term facilities and cardiopulmonary rehabilitation; **Effective Date:** Summer 2021 (202130)

RET 1875L Clinical Practice II, CCM

Purpose: We would like to spread out the student's clinical time throughout the program by creating a fourth clinical rotation. This will help support our students who work full-time and help our community partners by limiting the amount of students they need to place each day. This is a common practice among other respiratory care programs in the state. These programs have proved to have success with this model. Other Valencia College health programs also have four and five clinicals within their programs; **Revised Contact Hours:** 3/12/12; **Revised Prerequisites:** Minimum grades of C in RET 1874L and RET 1450; **Revised Catalog Description:** Student are assigned to clinical practice delivering acute patient care under supervision of staff respiratory therapist or clinical instructor; **Effective Date:** Fall 2021 (202210).

RET 2876L Clinical Practice III, CCM.....K Harvey

Purpose: We would like to spread out the student's clinical time throughout the program by creating a fourth clinical rotation. This will help support our students who work full-time and help our community partners by limiting the amount of students they need to place each day. This is a common practice among other respiratory care programs in the state. These programs have proved to have success with this model. Other Valencia College health programs also have four and five clinicals within their programs; **Revised Contact Hours:** 3/12/12; **Revised Prerequisites:** Minimum grades of C in RET 1875L and RET 2283L; **Revised Catalog Description:** Student are assigned clinical practice in critical care environments under the supervision of a staff respiratory therapist or clinical instructor. An emphasis on mechanical ventilation including advanced patient care for the adult, pediatric and neonatal population; **Effective Date:** Fall 2021 (202210).

RET 4940 Community Health Service Learning, CCM

Purpose: This course is currently a Service Learning course. I have had to waive the community service hours due to the Covid-19 pandemic. Volunteer hours are no longer available but remote work and project development is still possible. A capstone course will allow students to apply the knowledge gained in the Community Health concentration to a selected community health organization in their own community and

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

facilitate partnerships with health professionals in the community; **Revised Course Title:** Community Health Capstone; **Revised Prerequisites:** Minimum grade of C in RET 4524, HSC 4500, RET 4034; **Revised Course Description:** This course is designed to facilitate partnerships between student health professionals and community health organizations to promote, support and deliver quality community health interventions to patients with cardiopulmonary disorders. Students will develop a community health intervention project which will assist and or improve the community health interventions provided by a selected organization; **Effective Date:** Fall 2021 (202210).

SON 1002C **Methods of Patient Care, CCM**

Purpose: Catalog description updated to match Course Outline; **Revised Prerequisites:** SON 1000 and 1000L; **Revised Course Description:** Content is designed to provide the basic concepts of patient care including consideration for physical, psychological, legal, and ethical needs of the patient and family. Routine and emergency patient care procedures are described, as well as infection control procedures using standard precautions. Introduces basic theories, skills, and techniques of quality patient care. Includes communication, assessment skills, aseptic technique, emergency situations, and AIDS education. Presents theoretical and practical knowledge to make sound clinical judgments and carry out patient care activities. A minimum grade of C is required to pass this course; **Effective Date:** Fall 2021 (202210).

SPN 1341 **Spanish for Heritage Speaker II, CCM**

Purpose: SPN 1340 was not clearly defined as a pre-requisite of SPN 1341; **Revised Prerequisites:** A minimum grade of C in SPN 1340; **Revised Course Description:** Spanish for Heritage II is a course designed to address the needs of Hispanic students whose heritage language is the target language and who have had some formal Spanish language instruction. They can communicate in Spanish but need to improve and master their reading, speaking and writing skills. This course addresses specific linguistic issues such as diction, orthography, and sentence structure. Special attention will be given to Hispanic culture. A minimum grade of C is required if being used to satisfy the Foreign Language Proficiency Requirement; **Effective Date:** Fall 2021 (202210).

STA 2023 **Statistical Methods, CCM**

Purpose: Improved alignment with the state description. Clarity in communicating the course content; **Revised course description:** An introductory statistics course covering collection, description and interpretation of data. Topics include graphical and numerical summaries of data, statistical design, probability and random variables, confidence interval estimation, hypothesis testing, correlation and simple linear regression. Minimum grade of C required if STA 2023 is used to satisfy Gordon Rule and general education requirements; **Effective Date:** Fall 2021 (202210).

STA 2023H **Statistical Methods-Honors, CCM**

Purpose: Improved alignment with the state description. Clarity in communicating the course content; **Revised course description:** An introductory statistics course covering collection, description and interpretation of data. Topics include graphical and numerical summaries of data, statistical design, probability and random variables, confidence interval estimation, hypothesis testing, correlation and simple linear regression. Minimum grade of C required if STA 2023 is used to satisfy Gordon Rule and general education requirements. Honors program permission required; **Effective Date:** Fall 2021 (202210).

TAR 1120C Architectural Drawing I, CCM.....Andy Ray

Purpose: Correct the prerequisites so that students taking TAR1120C will have already mastered REVIT from BCN1303C; **Revised Prerequisites:** BCN 1303C; **Effective Date:** Fall 2021 (202210)

TPA 1380 Survey of Entertainment Technology, CCM

Purpose: These changes were made to create more equity-minded learning outcomes and to align with SLS 1120 recent outline changes; **Revised Course Description:** New Student Experience course for certain programs in the School of Arts and Entertainment. This course explores the range of employment options in the arts, communication, entertainment, and technology industries with a focus on career development and education planning; **Effective Date:** Fall 2021 (202210).

TPA 2190C Theater Design Practicum, CCM

Purpose: We took the line "multiple credit course. May be repeated . . ." out of the course description because students would accumulate excess credits which may not be covered by financial aid. We have also placed greater emphasis on preparing their portfolios for presentation. Updated the course outcomes to reflect the updated program outcomes; **Revised Course Description:** This production-based capstone experience will require that students serve in a key design, assistant design, or scenic artist role in a Valencia performing art production and well as prepare their portfolio for review. Requires a minimum of 10 hours per week on costume, lighting, scenery, projection, audio, or properties design and/or implementation assignment; **Revised Pre or Co-requisite:** TPA 2063C; **Effective Date:** Fall 2021 (202210).

TPA 2290C Technical Theater Production, CCM.....K Abel

Purpose: The outcomes have been updated to reflect the revised program learning outcomes. The catalog description includes more detail so students can better plan classes. The line "Multiple credit course. May be repeated . . ." has been removed from the course description because a student repeating the course for credit would result in excess credits that would likely not be covered by financial aid; **Revised Course Description:** The student will participate as a technician in theatrical or other performing arts productions at the College. Students will be assigned to work as a part of various production crews such as set construction, painting, lighting, costumes, etc. Requires a minimum of 10 hours per week production or pre-production assignment in addition to weekly one-hour class meetings; **Effective Date:** Fall 2021 (202210).

TPA 2292C Advanced Technical Production, CCM

Purpose: The line "Multiple credit course. May be repeated . . ." has been taken out of the course description. It would lead to excess credits and would likely not be covered by financial aid. The outcomes have been updated to reflect the updated program learning outcomes; **Revised Prerequisites:** TPA 1200C, TPA 2220C, TPA 2260C, and TPA 2290C; and Department Approval; **Revised Course Description:** This production-based capstone experience will require that students serve in a crew leadership position on Valencia performing arts productions. Students in this course will prepare portfolios for review. Requires a minimum of 10 hours per week in a production crew leadership and implementation assignment; **Effective Date:** Fall 2021 (202210).

CREDIT COURSE DELETIONS

CET 2112C Digital Systems I, CCD

Purpose: Course is being replaced by CET 2114C; **Effective Date:** Fall 2021 (202210).

CET 2113C Digital Systems II, CCD

Purpose: Replaced by new course; **Effective Date:** Fall 2023 (202410).

CET 2722 MS Windows Server 2003 Environment, CCD

Purpose: According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog; **Effective Date:** Fall 2021 (202210).

CET 2795 Designing Microsoft Server 2003 Directory, CCD

Purpose: According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog; **Effective Date:** Fall 2021 (202210).

CET 2811 Designing Microsoft Server 2003 Directory, CCD

Purpose: According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog; **Effective Date:** Fall 2021 (202210).

CJK 0001 Intro to Law Enforcement, CCD

Purpose: Updated FDLE Curriculum Revision Version 2021.07 course number changed to CJK0002; **Effective Date:** Summer 2021 (202130).

CJK 0012 Law Enforcement Legal, CCD

Purpose: Updated FDLE Curriculum Revision Version 2021.07 course changed to CJK0018; **Effective Date:** Summer 2021 (202130).

CJK 0013 Interactions in a Diverse Community, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021. Course no longer offered; **Effective Date:** Summer 2021 (202130).

CJK 0014 Interviewing and Report Writing, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021. course number changed to CJK0019; **Effective Date:** Summer 2021 (202130).

CJK 0064 Fundamentals of Patrol, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021 course changed to CJK0063 and hours and hours changed from 35 to 40; **Effective Date:** Summer 2021 (202130).

CJK 0065 Calls for Service, CCD

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: FDLE Curriculum revision effective 07-01-2021 course no longer offered as part of curriculum;
Effective Date: Summer 2021 (202130).

CJK 0077 Law Enforcement Criminal Investigations, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021 course no longer offered as part of curriculum;
Effective Date: Summer 2021 (202130).

CJK 0078 From Crime Scene to Courtroom, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021 course no longer offered as part of curriculum;
Effective Date: Summer 2021 (202130).

CJK 0084 Law Enforcement DUI Traffic Stops, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021 course number changed to CJK0403 and title changed to DUI Traffic Stops; **Effective Date:** Summer 2021 (202130).

CJK 0087 Law Enforcement Traffic Stops, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021 course number change to CJK0401 and hours from 30 to 24; **Effective Date:** Summer 2021 (202130).

CJK 0088 Law Enforcement Traffic Crash Investigations, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021 course changed to CJK0402 and title revision to Traffic Crash Investigations; **Effective Date:** Summer 2021 (202130).

CJK 0092 Critical Incidents, CCD

Purpose: FDLE Curriculum revision effective 07-01-2021 course changed to CJK0093; **Effective Date:** Summer 2021 (202130).

CJK 0422 Dart Firing Stun Gun, CCD

Purpose: Updated FDLE Curriculum Revision Version 2021.07. Course has been changed back to CJK0421;
Effective Date: Summer 2021 (202130).

COP 2222C Advanced C Programming, CCD

Purpose: This course has not been offered since fall 2011. It is no longer a required course or a restricted elective in the program; **Effective Date:** Fall 2021 (202210).

EET 3081C Circuit Analysis I, CCD

Purpose: This course will be replaced by EET2035C - Electrical Circuits, which will have the same outcomes;
Effective Date: Fall 2023 (202410).

EGN 1111C Engineering Computer Graphics, CCD

Purpose: According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog;
Effective Date: Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

ETI 1644 Prod and Inventory Control, CCD

Purpose: Course was changed to ETI 2644. New course number was submitted to CCC in April 2020; **Effective Date:** Fall 2021 (202210).

ENC 0025 Developmental Writing II, CCD

Purpose: We only offer the combined reading/writing courses at ENC 0017 and ENC 0027; **Effective Date:** Fall 2021 (202210).

ENC 0055 Developmental English Module I, CCD

Purpose: Modularized section that students are not utilizing. Sent out previously by Karen Borglum, but did not get enough votes to approve or disapprove and has been lingering in the system since Jan 2019; **Effective Date:** Fall 2021 (202210).

FSS 2251 Food and Beverage Management, CCD

Purpose: We are switching the FSS 2251 Food and Beverage Management course over to HFT 2263 Restaurant and foodservice management. This is so students in our program have the opportunity to go onto Rosen at UCF through the hospitality degree; **Effective Date:** Fall 2021 (202210).

GRA 2160C Computer Animation, CCD

Purpose: we attempted to delete this course many, many moons ago. It, however, keeps magically appearing in the catalog. the existence of this course is confusing to students and prospective students as we do NOT offer animation courses, degrees, or certificates at Valencia; **Effective Date:** Fall 2021 (202210).

HSC 1180 Tai Chi, CCD

Purpose: According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog; **Effective Date:** Fall 2021 (202210).

MUN 2003 Valencia Chorale, CCD

Purpose: According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog; **Effective Date:** Fall 2021 (202210).

ORH 1873C Interiorscaping-Design and Maintenance, CCD

Purpose: According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog; **Effective Date:** Fall 2021 (202210).

PHY 2105 Modern Physics, CCD

Purpose: According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog; **Effective Date:** Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

SPC 1700 **Cross Cultural Communication, CCD** *Purpose:* According to Florida Statute 1007.24(8), courses that have not been taught in five years must be removed from our catalog; *Effective Date:* Fall 2021 (202210).

TPA 2010C **Foundations of Technical Design, CCD**
Purpose: This course has been replaced by a course with the same name and content, but a new number; TPA 2015C. This change was made because the new number better reflects the content of the course than the old number according to the descriptions on the State Course Numbering System website; *Effective Date:* Fall 2021 (202210).

PROGRAM ADDITIONS

Educator Preparation Institute, CPA

Purpose: Legislative changes to FAC 6A-5.066, Statute 1004.85; *Effective Date:* Fall 2021 (202210).

Property Management Specialist, CPA

Purpose: The purpose of this Property Management Specialist Certificate is to prepare students for employment as residential property managers, and to provide supplemental training for persons previously or currently employed in this occupation. This certificate offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the residential property management career cluster. It includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, occupation-specific skills, and knowledge of all relevant aspects of the residential property management career cluster. The content includes but is not limited to, communication skills, leadership skills, human relations and employability skills, safe and efficient work practices, marketing and selling skills, local, state, and national housing laws, and working with contracts. Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document; *Effective Date:* Fall 2020 (202110).

PROGRAM MODIFICATIONS

Advanced Electronics Technician Certificate, CPM

Purpose: AS to BS re-alignment; *Effective Date:* Fall 2021 (202210).

A.S. in Baking and Pastry Management, CPM

Purpose: FSS 2251 was deleted from all programs replaced by HFT 2263; *Effective Date:* Fall 2020 (202110).

A.S. in Criminal Justice, CPM

Purpose: Program Outcome language revised for inclusivity and clarity; *Effective Date:* Fall 2021 (202210).

A.S. in Culinary Management, CPM

Purpose: In lab classes a student needs to have a minimum level of C in the cooking field; **Effective Date:** Fall 2020 (202110).

A.S. in Dental Hygiene, CPM

Purpose: The program learning outcomes have been reviewed by faculty to update the content. We had 5 program learning outcomes and were able to combine two; creating 4 outcomes. This change assisted in clarification and enabled a more streamline set of outcomes. In the process of review we believe that this new set of outcomes demonstrates equitable student learning and prepares the dental hygiene students for a successful career; **Effective Date:** Fall 2021 (202210).

A.S. in Digital Media Technology, CPM

Purpose: DIG Professional development course has been swapped for TPA Professional Development course. A new DIG drawing class has been added. Other course credit hours have been adjusted; **Effective Date:** Fall 2021 (202210).

A.S. in Electrical and Computer Electronics Engineering Technology, CPM

Purpose: AS to BS re-alignment; **Revised Program Title:** A.S. in Electrical and Computer Engineering Technology; **Effective Date:** Fall 2021 (202210).

A.S. in Energy Management and Controls Technology, CPM

Purpose: The ETD 1103C: "ENGINEERING GRAPHICS WITH CAD" course provides our EMCT students with some additional skills that are valued within the building automation controls industry; **Effective Date:** Fall 2021 (202210).

A.S. in Engineering Technology, CPM

Purpose: 1) Realignment of courses within the program. 2) Addition of a new Supply Chain Automation (SCA) specialization. 3) Addition of an Advanced Manufacturing specialization. 4) Addition of new courses under the SCA specialization; **Effective Date:** Fall 2021 (202210).

A.S. in Graphic and Interactive Design, CPM

Purpose: some minor course modifications were made and a new credit course was created for the program requiring program modifications. all modifications to the courses and the program are to maintain alignment with industry trends and expectations and/or to better ensure program completion. considering one of these changes is to replace GRA2724C with GRA2XXXXC, we are requesting a course equivalency be programmed to ensure students in older catalogs can complete the program by taking the newly proposed GRA2XXXXC course instead considering the future absence of GRA2724C on the course schedule; **Effective Date:** Fall 2021 (202210).

A.S. in Health Information Technology, CPM

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: Changes will align with accreditation standards and new program competencies; **Effective Date:** Fall 2021 (202210).

A.S. in Hospitality and Tourism Management (Articulated A.S. to B.S. Career Path), CPM

Purpose: Reorder specializations and add footnotes; **Effective Date:** Fall 2021 (202210).

A.S. in Live Entertainment Design and Production, CPM

Purpose: 1) Added a new program specialization to articulate to the Rosen College of Hospitality Management's Entertainment Management Bachelor of Science program. 2) Updating our program learning outcomes in recognition that one of the outcomes is actually evidence of learning in other outcomes, and updated the language used. 3) New course numbers for two existing courses. TPA 2221C and TPA 2010C will remain in the requirements as "or" classes for three years so that it does not impact degree audits for students who have already taken these courses; **Effective Date:** Fall 2021 (202210).

A.S. in New Media Communication, CPM

Purpose: Adding additional options for New Media students to survey entertainment technology as per industry advisory council; **Effective Date:** Fall 2021 (202210).

A.S. in Nursing (Articulated A.S. to B.S. Career Path), CPM

Purpose: Change to the concept-based nursing curriculum. Updated the learning outcomes to be more specific, measurable, and equity-minded. Redesign of the curriculum will allow students to graduate after five semesters; **Effective Date:** Fall 2021 (202210).

A.S. in Plant Science and Agricultural Technology, CPM

Purpose: Aligning program outcomes consisting with what is in the certificates. Adding new course in irrigation as elective, SWS 1530C. Adding existing courses: BOT 2010C, SLS 2940, & ORH 1510C to the elective list. Keeping HOS 2941 - Internship Exploration on the elective list. Removing * from ORH 1510C & ENY 1002C (removing pre-requisite); **Effective Date:** Fall 2021 (202210).

A.S. in Respiratory Care, CPM

Purpose: Shift Clinical I to a summer start instead of fall and add Clinical IV; **Effective Date:** Fall 2021 (202210).

A.S. in Sound and Music Technology, CPM

Purpose: New specialization. Streamlining the listing of courses in each specialization. Streamlining listing of electives. Updating of Program Outcomes. Replace CET 2112C with CET 2114C to align with Engineering program; **Effective Date:** Fall 2021 (202210).

Bar and Beverage Management Certificate, CPM

Purpose: We did not change curriculum. We just wanted to highlight Wine Essentials as the recommended elective, among other possible choices; **Revised Program Title:** Hospitality - Bar and Beverage Management Certificate; **Effective Date:** Fall 2021 (202210).

Basic Electronics Technician Certificate, CPM

Purpose: AS to BS re-alignment; **Effective Date:** Fall 2021 (202210).

B.S. in Cardiopulmonary Sciences, CPM

Purpose: I would like to eliminate the Non Invasive Cardiology concentration from the BS Cardiopulmonary Sciences Program. Very few BS Cardiopulmonary Sciences students select this concentration due to the laboratory and extensive clinical requirements. Only 1 BS Cardiopulmonary student has completed this concentration since the implementation in 2014. These courses are also offered in the Echocardiography ATC, and that option will remain available. The courses will still be offered. These courses are also offered in BS Radiologic and Imaging Sciences, and that concentration will remain unchanged. The cardiac ultrasound courses are most relevant to students who are Sonographers enrolled in BSRAD. Respiratory Therapists and Cardiovascular Techs are eligible for the Echocardiography ATC, if they are interested in pursuing this skill. In addition, if the concentration remains in BSCARDIO, a clinical coordinator faculty member would be required in order for the program to become accredited by CoARC. The plan is to develop a new concentration that better meets demand and the needs of our BS Cardiopulmonary Sciences students. Add new course HSA 4502 to list of program electives; **Effective Date:** Fall 2021 (202210).

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

Purpose: (1) Changing some of the lower-level technical courses as they have also changed in the AS EET program (2) Removing one advanced course from each concentration, reducing the required advanced hours to 12 credits (3) Adding one 3-credit course to the lower-level technical courses to keep length of the program same, i.e. 130 hours; **Effective Date:** Fall 2021 (202210).

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

Purpose: (1) Adding a speech course under Communication gen ed requirements since A.S. EET program doesn't require speech anymore as part of their six hours of Communication (2) Removing one advanced course from each concentration reducing the required advanced hours to 12 credits (3) Some language has been added to help the new A.S. EET to B.S. ECET pathway students; **Effective Date:** Fall 2021 (202210).

B.S. in Nursing, CPM

Purpose: The Program Outcomes are incorrect in the Catalog; **Effective Date:** Spring 2020 (202020).

B.S. in Nursing, CPM

Purpose: As part of the new learning outcome work. We revised the RN to BSN Learning Program Outcomes to be more succinct, measurable and equitable; **Effective Date:** Fall 2021 (202210).

Chef's Apprentice (Hospitality and Tourism Institute) Certificate, CPM

Purpose: FSS 2251 is being deleted from the program and HFT 2263 is being added; **Effective Date:** Fall 2020 (202110).

Digital Video Editing and Post-Production Certificate, CPM

Purpose: We are removing DIG1940 and SLS 1122 from the course flow and replacing them with TPA1380. We are also replacing ART1300 Drawing I with a new digital media course, DIG 2132C Digital Drawing and Design; **Effective Date:** Fall 2021 (202210).

Entertainment - Stage Technology Certificate, CPM

Purpose: Revising the learning outcomes language to align with the revised Live Entertainment Design and Production AS program learning outcomes.; **Effective Date:** Fall 2021 (202210).

Fire Fighter-Emergency Medical Technician Certificate, CPM

Purpose: The Firefighting Minimum Standards course (MSC) portion of this offering was updated by the Department of Education (DOE); **Effective Date:** Summer 2020 (202030).

Fire Fighter (Minimum Standards) Certificate, CPM

Purpose: These changes are necessary due to changes in the State Department of Education update to the course curriculum; **Effective Date:** Summer 2020 (202030).

Graphics - Interactive Design Production Certificate, CPM

Purpose: now that some course prerequisites have changed, it's possible to include more discipline-specific courses in this certificates; **Revised Program Title:** Interactive Design Production Certificate; **Effective Date:** Fall 2021 (202210).

Graphics - Interactive Design Support Certificate, CPM

Purpose: certificate title was modified to keep consistent with other certificate titles in the discipline. Footnotes were updated to reflect course prerequisite requirement changes; **Revised Program Title:** Interactive Design Support Certificate; **Effective Date:** Fall 2021 (202210).

Guest Services Specialist Certificate, CPM

Purpose: change name and program outcome; **Revised Program Title:** Hospitality - Guest Services Specialist Certificate; **Effective Date:** Fall 2021 (202210).

Hospitality - Event Planning Management Certificate, CPM

Purpose: Update with new course addition and program name change; **Revised Program Title:** Hospitality - Event Planning and Management Certificate; **Effective Date:** Fall 2021 (202210).

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Hospitality - Restaurant and Foodservice Management Certificate, CPM

Purpose: made changes to align with A.S. Degree program; **Effective Date:** Fall 2021 (202210).

Hospitality - Restaurant and Food Service Management Certificate, CPM

Purpose: Correct an error. HFT 2861C was listed twice and the program should have included HFT 2245 Guest Service Management in place of one of those listings; **Effective Date:** Fall 2020 (202110).

Hospitality – Rooms Division Management Certificate, CPM.....N Placa

Purpose: change certificate name to match program specialization. Also added new courses to the course load; **Revised Program Title:** Hospitality - Hotel Operations and Management Certificate; **Effective Date:** Fall 2021 (202210).

Laser and Photonics Technician Certificate, CPM

Purpose: AS to BS re-alignment; **Effective Date:** Fall 2021 (202210).

Medical Information Coder/Biller Certificate, CPM

Purpose: Alignment with Health Information Technology program; **Effective Date:** Fall 2021 (202210).

Plant Science Specialist Certificate, CPM

Purpose: Removal of * from ORH 1510C (removing pre-requisite). Added "Plant Science and Agricultural Technology Elective(s)" as in the Professional Technical Certificate; **Effective Date:** Fall 2021 (202210).

Plant Science Technician Certificate, CPM

Purpose: Removal of * (pre-requisite) for ORH 1510C. Adding new irrigation course, SWS 1530C to the elective list. Adding existing courses: AOM 1461C & ORH 1510C to the elective list; **Effective Date:** Fall 2021 (202210).

Robotics Applications Technician Certificate, CPM

Purpose: AS to BS re-alignment; **Effective Date:** Fall 2021 (202210).

PROGRAM DELETIONS

A.S. in Restaurant and Foodservice Management, CPD

Purpose: incorporated into the new Hospitality Track "Specialization"; **Effective Date:** Fall 2021 (202210).

Leadership in Healthcare, CPD

SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2021-22

Purpose: This ATC has had negligible enrollment since its inception and tends to create confusion for students who try to enroll but do not meet the eligibility requirements (they must already be a HC provider); **Effective**

Date: Fall 2021 (202210).