



May 22, 2025

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

**FROM:** DR. KATHLEEN PLINSKE  
President

**RE:** 2025-2026 COLLEGE CATALOG

The President recommends that the District Board of Trustees of Valencia College approve the catalog changes (between the 2024-2025 and 2025-2026 catalogs), as attached.

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

**RECOMMENDED ACTION:**

The President recommends that the District Board of Trustees of Valencia College approve the 2025-2026 College Catalog, as presented.

  
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President

# 2025-2026 CATALOG

SUMMARY OF SUBSTANTIVE EDITORIAL & CURRICULUM CHANGES

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

CATALOG SECTION	CHANGES IN THAT SECTION
<a href="#">CATALOG LANDING PAGE</a>	<ul style="list-style-type: none"> <li>Updated School of Public Safety to School of Public Service, Legal Studies and Education</li> </ul>
<a href="#">ABOUT VALENCIA COLLEGE</a>	<ul style="list-style-type: none"> <li>Removed Student Core Competencies entry</li> </ul>
<a href="#">DEGREE &amp; CERTIFICATE PROGRAMS</a>	<ul style="list-style-type: none"> <li>Updated General Education Requirements for AA and AS entries: See Credit Program Modifications</li> <li>Added Bachelors Graduation Requirements link from Navigation menu and removed information from individual degrees</li> <li>Revised Gordon Rule entries to delete Institutional Humanities and Social Science courses; added SPC 1608/H, SPC 1017/H, POS 2041/H, AMH 2010/H, AMH 2020/H</li> <li>Revised Civic Literacy references to add AMH 2010/H must be taken Fall 2024 or after</li> <li>Added AS Semiconductor Engineering Technology, AS to BS Semiconductor Engineering Technology Track, and AS to BS Criminal Justice Track</li> <li>Added an Artificial Intelligence Foundations Technical Certificate (pending SACS-COC approval)</li> <li>Added a Hospitality – Theme Park and Attractions Management Technical Certificate</li> <li>Added a Breads and Bakery Advanced Technical Certificate</li> </ul>
<a href="#">COURSE DESCRIPTIONS</a>	<ul style="list-style-type: none"> <li>Revised Course Equivalencies entry to add: <ul style="list-style-type: none"> <li>BSC 2093C is equivalent to BSC 2085C</li> <li>BSC 2094C is equivalent to BSC 2086C</li> <li>HUM 2220 and HUM 2223 are equivalent to HUM 2210</li> <li>HUM 2232 and HUM 2234 are equivalent to HUM 2230</li> </ul> </li> </ul>
<a href="#">IMPORTANT DATES &amp; DEADLINES</a>	<ul style="list-style-type: none"> <li>No changes</li> </ul>
<a href="#">CAMPUSES</a>	<ul style="list-style-type: none"> <li>Updated School of Public Safety to School of Public Service, Legal Studies and Education</li> </ul>
<a href="#">BOARD OF TRUSTEES</a>	<ul style="list-style-type: none"> <li>No changes</li> </ul>
<a href="#">ADMISSIONS</a>	<ul style="list-style-type: none"> <li>Revised International Student Admissions entry to include programs ineligible for F-1 visa students as they are offered primarily online</li> </ul>
<a href="#">RECORDS</a>	<ul style="list-style-type: none"> <li>Revised Active/Inactive entry to specify active students have been enrolled in credit courses within three terms prior to the upcoming term, and inactive students have not been enrolled in credit courses within three terms prior to the upcoming term</li> </ul>
<a href="#">REGISTRATION</a>	<ul style="list-style-type: none"> <li>No updates</li> </ul>

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

<b>FINANCIAL INFORMATION &amp; FEES</b>	<ul style="list-style-type: none"> <li>No changes</li> </ul>
<b>FINANCIAL AID</b>	<ul style="list-style-type: none"> <li>Revised Deadline and Satisfactory Academic Progress entries with updated dates</li> <li>Revised FAFSA entry with completion options and timelines</li> <li>Updated Pell Grant entry noting a maximum award of \$7,3955</li> <li>Edited Scholarships entry for Seneff Honors College with revised description &amp; eligibility criteria; revised Mayor Richard T. Crotty Transfer Scholarship to note it is for students planning to attend UCF in the upcoming Fall along with an up to \$10,000 award amount; revised Foundation Scholarships entry to specify students must be enrolled in a degree or certificate program at the time they receive the award</li> <li>Revised Work Study entry to note students can work up to 15 hours/week at \$15.00/hour</li> <li>Revised Veterans to edit C.W. Bill Young tuition waiver entry with updated information related to Florida residency and in-state tuition; note that tuition waivers must be submitted before the end of the term to take effect, cannot be awarded retroactively, and will be valid for one year after which FL residency must be established</li> </ul>
<b>STUDENT AND CAMPUS SERVICES</b>	<ul style="list-style-type: none"> <li>Revised Campus Store entry for forms of payment accepted</li> <li>Revise Equal Opportunity and Diversity entry with updated Notice of Non-Discrimination department contacts</li> </ul>
<b>ENTRY TESTING &amp; PLACEMENT AND MANDATORY COURSES</b>	<ul style="list-style-type: none"> <li>Retitled Assessment Office to Testing &amp; Assessment Office</li> <li>Removed reference for on campus review session requirement for PERT retake</li> <li>Revised Testing/Placement Charts entry to remove reference to ACCUPLACER (CPT) and ACCUPLACER Next Generation taken before August 1, 2022; removed FCAT; added Duolingo for EAP placement</li> <li>Updated Non-Native Speakers of English entry to add Duolingo and specify students on an F-1 visa must have Level 4 EAP scores</li> <li>Updated Mandatory Courses entry to remove developmental reading, English and Math</li> </ul>
<b>DISTANCE LEARNING</b>	<ul style="list-style-type: none"> <li>Revised Student Services information with services accessible through Atlas</li> </ul>
<b>ACADEMIC POLICIES &amp; PROCEDURES</b>	<ul style="list-style-type: none"> <li>Revise Governing Catalog entry to remove option to select a prior catalog year from initial enrollment when updating program; note the catalog year for limited access programs will be the catalog in effect at time of acceptance to the program</li> </ul>

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

	<ul style="list-style-type: none"> <li>Updated Academic Course Load entry to note exception requests will be made to the AVP of Student Success or designee</li> <li>Revised Class Attendance entry to note parameters of No Show status</li> </ul>
ALTERNATIVE WAYS TO EARN CREDIT	<ul style="list-style-type: none"> <li>No changes</li> </ul>
EDUCATIONAL ENHANCEMENT OPPORTUNITIES	<ul style="list-style-type: none"> <li>No changes</li> </ul>
TEACHER PREPARATION & RECERTIFICATION	<ul style="list-style-type: none"> <li>No changes</li> </ul>
SENEFF HONORS COLLEGE	<ul style="list-style-type: none"> <li>Revised About Us information</li> <li>Updated Honors courses offered</li> </ul>
RESOLUTION OF STUDENT ISSUES	<ul style="list-style-type: none"> <li>Updated chart with new titles and reporting structures</li> </ul>
CONTINUING EDUCATION	<ul style="list-style-type: none"> <li>No changes</li> </ul>
DRUG FREE SCHOOLS & COMMUNITIES ACT	<ul style="list-style-type: none"> <li>No changes</li> </ul>
GLOSSARY	<ul style="list-style-type: none"> <li>Revised Active Student, Entry Testing, Expired Test Scores, General Education, Inactive Student, Mandatory Courses, and New Student Orientation</li> <li>Added CLT – Classic Learning Test, Credit, and Lab Hours</li> <li>Removed Ability to Benefit, and College Night</li> </ul>
CATALOG ARCHIVES	<ul style="list-style-type: none"> <li>Edited to add 2024-25 catalog (coming soon)</li> </ul>

## CREDIT COURSE ADDITIONS

### **CRW 2001H Creative Writing/Advanced Comp Honors, CCA.....R. Tullis**

**Purpose:** This course will allow honors students to attempt CRW 2001 while also receiving honors credit;

**Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** ENC 1101 or ENC 1101H or IDH 1110; **Corequisites:** None;

**Course Description:** An interactive writing course in which students develop creative writing skills in selected literary genres--short stories, poetry, plays, novels, personal essays or magazine articles--with additional honors content and outcomes; **Effective Date:** Summer 2024 (202430).

### **NUR 2804C Professional Nursing and Health Concepts II, CCA.....R. Alvarez**

**Purpose:** Curriculum was changed to allow only one pathway but added an extra semester to increase student success. The course was previously approved under a different course number. Need new course number to circumvent confusion for students registering under old curriculum pathway; **Credit/Contact/Lab Hours:** 6/14/4;

**Prerequisites:** Admission to Nursing A.S. Degree, minimum grades of C in BSC 2094C, NUR 1020C, NUR 1061C, NUR 2522C, NUR 1141C, NUR 2221C, NUR 1407C, NUR 2223C; **Corequisites:** None; **Course Description:** This course focuses on the concepts of healthcare organizations, technology & informatics, health care law,

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

healthcare quality, safety, professional identity, and clinical judgement. Emphasis is placed on leadership roles, management of care, coordination of care services, and collaboration with the healthcare team members to ensure safe and effective care for patients, families and significant others in the care environment. This course will relate nursing accountability to legal, ethical, and regulatory frameworks. This course will also emphasize 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:** Summer 2024 (202430).

### **NUR 4296      Emergency Preparedness and Disaster Nursing, CCA...R. Alvarez**

**Purpose:** The request is made to align the course ID with the RN to BSN nursing program nomenclature; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** Admission to the BSN program ; NUR 3825; **Corequisites:** NUR 3825; **Course Description:** This course uses a competency-based conceptual framework to provide online RN to BSN students the opportunity to explore the various facets of natural and technological disasters while integrating public health research designs and practices. Discussions will utilize recent and historical case studies as the basis for developing the critical thinking and leadership skills needed by healthcare professionals in crisis situations. International, domestic, and regional settings will be addressed, as well as the social, economic, and political aspects of disaster planning, preparedness, and mitigation. Students also gain an understanding of basic public health concepts and methodologies. Healthy People/WHO indicators will be used in evidence-based decision-making, and public health tools such as epidemiology and biostatistics will be reinforced during the process of community assessment; **Effective Date:** Summer 2024 (202430).

### **MUM 2791L      Music Production II-Capstone, CCA.....R. Valery**

**Purpose:** Adds an opportunity for graduating students to complete a project/portfolio initiated in the previous course (MUM 2790L) while providing additional learning opportunities; **Credit/Contact/Lab Hours:** 1/3/3; **Prerequisites:** Minimum grade of C in MUM 2790L; **Corequisites:** None; **Course Description:** Participation by students as technicians, producers and managers in the production of either a live audio event, or of a music recording project, closely paralleling the workings of a music production company. Multiple credit course. May be repeated for maximum of two credits, but grade forgiveness cannot be applied; **Effective Date:** Fall 2024 (202430).

### **EGN 2421      Engineering Analysis, CCA.....Mohua Kar**

**Purpose:** This course is equivalent to UCF's EGN 3420. EGN 3420 will be required by UCF for Electrical and Computer engineering majors from Fall 2024; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** Minimum grade of C in MAC 2312; **Corequisites:** None; **Course Description:** Engineering applications of numerical methods using computer-aided analysis, including complex variables, curve fitting, matrix operations, Fourier series, and numerical integration; **Effective Date:** Summer 2024 (202430).

### **CIS 3000      Cybersecurity in Cloud Computing, CCA.....A. Evans**

**Purpose:** This course will be an elective for students in our cloud computing concentration. This will be the first cloud-specific elective for students in this pathway since they currently must choose from the software development courses to fulfill part of their electives; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** Minimum grades of C in CIS 3080 and CIS 3083C; **Corequisites:** None; **Course Description:** ~~This course is intended to~~ Provides students with foundational and practical knowledge of cybersecurity principles for cloud computing.

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

Topics include cloud security design principles, authentication protocols, network access infrastructure, data protection methodologies, logging and monitoring practices, and incident response. This course prepares the student for certification exams commonly offered in the cloud computing industry; **Effective Date:** Summer 2024 (202430).

### **CAI 2000H      Introduction to Artificial Intelligence - Honors, CCA...G. Hensel**

**Purpose:** To allow honors students to take an elective to satisfy honors requirements; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** None; **Corequisites:** None; **Course Description:** This course surveys Artificial Intelligence (AI) techniques, theories, and applications. Exposing students to AI project cycles and decision-making which involve guiding them through the comprehensive phases of initiating, developing, deploying, and evaluating AI models. Students will be introduced to various social issues and concerns surrounding AI such as ethics and bias.; **Effective Date:** Fall 2025.

### **CAI 2000H      Introduction to Artificial Intelligence - Honors, CCA...G. Hensel**

**Purpose:** To allow honors students to take an elective to satisfy honors requirements; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** None; **Corequisites:** None; **Course Description:** This course surveys Artificial Intelligence (AI) techniques, theories, and applications. Exposing students to AI project cycles and decision-making which involve guiding them through the comprehensive phases of initiating, developing, deploying, and evaluating AI models. Students will be introduced to various social issues and concerns surrounding AI such as ethics and bias.; **Effective Date:** Fall 2025.

### **FSS 1051C      Hearth Breads, CCA.....Ken Bourgion**

**Purpose:** Reactivating it for the ATC in Bread Baking.; **Credit/Contact/Lab Hours:** 3/6/5 **Prerequisites:** None; **Corequisites:** None; **Course Description:** Student will build on their previous knowledge and learn to mix, shape, bake, store, and distribute breads and rolls. Student will build speed and increase their proficiency in meeting production deadlines with quality products. Emphasis will be placed on increased use of traditional fermentation methods, equipment, and methods that emphasize flavor, texture, and appearance as well as techniques that increase shelf life; Course repeatable for credit only once. **Effective Date:** Spring 2025 (202520).

### **IDH 2930      Selected Topics in Interdisciplinary-Honors, CCA.....M. Sexton**

**Purpose:** Proposal for a new honors seminar. Based on the student demand for more elective honors courses and the increasing popularity of City as a Text as a teaching model. New elective course for honors program. Submitting due to student demand and faculty interest; **Credit/Contact/Lab Hours:** 1-3/1-3/0; **Prerequisites:** None; **Corequisites:** None; **Course Description:** For students who are interested in advanced topics in Honors. May include lab and/or field work as part of the class, depending on topic. Multiple credit course. May be repeated for credit, but grade forgiveness cannot be applied; **Effective Date:** Spring 2025 (202520).

### **EGN 2332C      Mechanics of Material, CCA.....Mohua Kar**

**Purpose:** This course is equivalent to UCF's EGN 3331C. This course is required for Civil, Construction and Environmental Engineering majors. Valencia will offer this course from Fall 2025. Both AS STEM and SAAT - Engineering students pursuing Civil, Construction and Environmental engineering will take this course; **Credit/Contact/Lab Hours:** 3/4/2/**Prerequisites:** EGN 2312, MAC 2313, and MAP2302; **Corequisites:** MAP 2302; **Course Description:** Concepts of stress, strain, strength, deflection of axial force members, shafts in torsion,

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

beams in flexure, combined stress, stability of columns, and design of simple elements; **Effective Date:** Fall 2025 (202610).

### **CAI 1700 AI for International Business, CCA.....G. Hensel**

**Purpose:** New study abroad course for AI in international business; **Credit/Contact/Lab Hours:** 1/1/0;

**Prerequisites:** None; **Corequisites:** None; **Course Description:** This international course explores the intersection of information technology and global business, focusing on the role of artificial intelligence (AI). Students will gain a comprehensive understanding of how AI is used to drive innovation and efficiency across various industries. Through a Study Abroad Trip, students will expand their cultural awareness and explore real-world applications of AI in international settings; **Effective Date:** Fall 2025 (202610).

### **CAI 2100 Introduction to Practical Machine Learning, CCA.....G. Hensel**

**Purpose:** This field is mainstream now and students need to be aware how Machine Learning and Artificial Intelligence is impacting business and society as a whole; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** CAI 2000 and COP 1000 Minimum grade of C; **Corequisites:** None; **Course Description:** This course offers a practical introduction to the key ideas and tools used in machine learning (ML). Students will learn how to work with data to make predictions, spot patterns, and solve common problems. The course covers various approaches, including methods for predicting outcomes and finding relationships in data, such as using decision trees and other simple techniques. In addition, students will explore how to recognize and address fairness and bias in machine learning, ensuring responsible and ethical use of these technologies; **Effective Date:** Fall 2025 (202610).

### **CAI 2200 Introduction to Practical Deep Learning, CCA.....G. Hensel**

**Purpose:** Added to AS degree; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** CAI 2000 and COP 1000 Minimum grade of C; **Corequisites:** None; **Course Description:** Deep learning has powered many advances in machine learning by enabling computers to learn from large amounts of data. This course introduces deep learning concepts in a way that allows students to quickly apply them to real-world problems. Students will explore various types of neural networks and how they are used to solve tasks involving text and images. Through a mix of instruction and hands-on exercises, students will learn how to build deep learning models and apply them to practical problems in areas such as language understanding and image recognition; **Effective Date:** Fall 2025 (202610).

### **CAI 2300 Intro to Practical Natural Language Processing, CCA...G. Hensel**

**Purpose:** Added to AS degree; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** CAI 2000 and COP 1000 Minimum grade of C; **Corequisites:** None; **Course Description:** Natural Language Processing (NLP) is a field of artificial intelligence focused on enabling computers to work with human language. This course introduces students to the essential concepts and techniques used in NLP. Through applied learning, students will engage in practical activities to explore how language can be processed, interpreted, and generated by computers. The course covers real-world applications of NLP, such as translation, question answering, text summarization, and creating conversational systems; **Effective Date:** Fall 2025 (202610).

### **BCT 2931 Selected Topics in Building Construction.....Andy Ray**

**Purpose:** This new lab-based course will provide an additional elective option for all Built Environment students to gain hands-on skills with tools used in industry and practice construction management on a real project. Also open to those in other disciplines with department approval; **Credit/Contact/Lab Hours:** 3/3/2/ **Prerequisites:**



## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

None; **Corequisites:** None; **Course Description:** This active-learning course provides students with hands-on experience in constructing an actual product including planning, project management, and execution. After completing lab safety training, students will apply theoretical knowledge to practical applications, culminating in product creation using hands tools and power equipment. Depending on project scope students may incur additional material costs; **Effective Date:** Spring 2025 (202610).

### **BSC 2085C Human Anatomy and Physiology I, CCA.....Olga Vazquez**

**Purpose:** State Core course; **Credit/Contact/Lab Hours:** 4/3/3 **Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; **Corequisites:** None; **Course Description:** This course is the first part of a two-semester sequence in which students examine human anatomy and physiology through a systems approach based on the interaction between form and function, from the microscopic components of cells and tissues to the organismal level. Emphasis is placed on histology and the integumentary, skeletal, muscular, and nervous systems; **Effective Date:** Fall 2025 (202610).

### **BSC 2086C Human Anatomy and Physiology II, CCA.....Olga Vazquez**

**Purpose:** State Core course; **Credit/Contact/Lab Hours:** 4/3/3 **Prerequisites:** Minimum grade of C in BSC 2085C or departmental approval; **Corequisites:** None; **Course Description:** Continuation of BSC 2085C, including coverage of the structures and functions of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems with considerable emphasis on biochemistry of metabolic processes and body fluids. This course meets the General Education science requirements for graduation; **Effective Date:** Fall 2025 (202610).

### **PLA 1058 Foundations of Law for Paralegals, CCA.....C. Mestre**

**Purpose:** We are replacing BUL 2241 Business Law I as a required course in the Paralegal Studies degree with this new paralegal-specific Foundations of Law for Paralegals course. The new course will be taken after Introduction to Legal Practices and Ethics (PLA 1003C). While covering some of the same concepts as Business Law, the new course will be a legal specialty course will be more focused on workforce skills and require practical assignments aligned with our program outcomes. This new course incorporates Florida Department of Education requirements as well as American Bar Association requirements; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** Satisfactory completion of all mandated courses in reading, English, and English for Academic Purposes and minimum grade of C in PLA 1003C; **Corequisites:** None; **Course Description:** This course provides paralegal students with an overview of tort law, constitutional law, criminal law, estate planning and probate administration, contracts, and family law. Students will prepare relevant legal documents relating to these areas of law; **Effective Date:** Fall 2025 (202610).

### **PLA 2841 Immigration Law for Paralegals, CCA.....C. Mestre**

**Purpose:** Because central Florida is a melting pot of many cultures and immigrants flock to this area for both family and employment reasons, immigration law is a growing field. Valencia's Paralegal Studies Advisory Committee (comprised of local Judges, Attorneys, and Paralegals) recommended offering this course to meet the current legal needs of the community. As such, there is an increasing need for competent paralegals who are trained in this important and expanding area of law; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** Minimum grade of C in PLA 2203 and PLA 1104; **Corequisites:** None; **Course Description:** This course presents an introduction to immigration law, adjustment of status, naturalization and citizenship, including an overview of the procedural and ethical issues necessary to assist an attorney in this area; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **HFT 2390 Introduction to Theme Park and Attractions Management,**

**CCA.....C. Rapp**

**Purpose:** We would like to change the course number for our Intro to the Theme Park and Attraction Management to align with UCF Rosen College of Hospitality. The course description and learning outcome from our course are very similar to those of UCF's course, and the rationale for changing the course number is to make student transfer to UCF Rosen College of Hospitality Management seamless. This was requested in conversation with UCF Rosen by their Director of Student Services and Associate Dean. This is only a change in course number; to ensure seamless transfer, the same course number will be used by UCF; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** None; **Corequisites:** None; **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 2025 (202610).

### **COP 2047C Python Programming, CCA.....Mahendra Gossai**

**Purpose:** Creating a new programming course to add to our computer programming degree; **Credit/Contact/Lab Hours:** 3/3/1; **Prerequisites:** Minimum grade of C in COP 1000C; **Corequisites:** None; **Course Description:** Hands on study of the Python programming language as applied to business and scientific applications. Good programming practices, and problem solving with procedural and OOP programming will be emphasized. Topics include data types, control structures, lists, dictionaries, tuples, sets, OOP classes, objects, encapsulation, inheritance, abstraction, strings, functions, file I/O, Exception Handling, and GUI; **Effective Date:** Fall 2025 (202610).

### **COP 2836C Web Development II, CCA.....Mahendra Gossai**

**Purpose:** Creating a new course to meet the demands in the field of web development. More frameworks are used in the field. We currently do not have a course that meets the requirements. This course will build on the foundations of Web Development I (HTML/CSS), and teach modern day frameworks that the industry demands; **Credit/Contact/Lab Hours:** 3/3/1; **Prerequisites:** Minimum grade of C in COP 2822C and COP 1000C; **Corequisites:** None; **Course Description:** Continuation of Web Development I. Advanced topics in web development using frameworks, database, front-end concepts, components, back-end services, repositories, and hosting services to build a modern full-stack web application; **Effective Date:** Fall 2025 (202610).

### **FIL 1000 Introduction to Film, CCA.....Cheryl Robinson**

**Purpose:** This is a new course that is being added to Humanities and Gen Ed; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** None; **Corequisites:** None; **Course Description:** History and development of film, including introductory study of aesthetics and criticism. Course includes selections from the Western Canon; **Effective Date:** Fall 2025 (202610).

### **HUM 2210 Ancient World to the Renaissance Humanities,**

**CCA.....E. Wallman**

**Purpose:** New Gen Ed time period course; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** None; **Corequisites:** None; **Course Description:** A study of the ideas and ideals which characterize the moral, intellectual, and aesthetic activities of the early western civilization: ancient Greece and Rome, the formative period of the Judeo-Christian tradition, and the European middle ages. Emphasis is placed upon speculative and creative nature as it

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

is reflected in literature, art, architecture, music, philosophy, religion, and drama. This course includes selections from the western canon; **Effective Date:** Fall 2025 (202610).

### **HUM 2230      Renaissance to Modern Period, CCA.....E. Wallman**

**Purpose:** New Gen Ed time-period course; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** None; **Corequisites:** None; **Course Description:** A study of western culture from the renaissance to the present. Emphasis is placed upon speculative and creative nature as it is reflected in literature, art, architecture, music, philosophy, religion, and drama. This course will include selections from the western canon; **Effective Date:** Fall 2025 (202610).

### **LIT 1000H      Intro to Literature-Honors, CCA.....C. Robinson**

**Purpose:** Honors section; **Credit/Contact/Lab Hours:** 3/3/0; **Prerequisites:** None; **Corequisites:** None; **Course Description:** Same as LIT 1000 with honors content. Honors program permission required; **Effective Date:** Fall 2025 (202610).

### **ETS 2160C      Semiconductor Manufacturing Fundamentals, CCA...N. Hedayat**

**Purpose:** Required for new program; **Credit/Contact/Lab Hours:** 3/3/1; **Prerequisites:** None; **Corequisites:** None; **Course Description:** An introductory course in the field of semiconductor manufacturing. Students will be introduced to fundamental scientific principles, processing, and applications of semiconductor manufacturing industry. Throughout the course, students will learn the types of semiconductors, the handling of semiconductors, and materials commonly used in the fabrication of semiconductor devices; **Effective Date:** Fall 2025 (202610).

### **ETS 2161C      Introduction to Cleanroom Operation, CCA...N. Hedayat**

**Purpose:** Required for new program; **Credit/Contact/Lab Hours:** 3/3/1; **Prerequisites:** None; **Corequisites:** None; **Course Description:** This course provides an in-depth exploration of cleanroom operation in the semiconductor industry. A study of cleanroom facility, contamination, testing, and operation. Students are introduced to several types of cleanroom standards and protocols, cleanliness and filtration requirements, environment testing and particle monitoring, and contamination issues. Course needs to be completed with a C or better grade for program progression; **Effective Date:** Fall 2025 (202610).

### **ETS 2162C      Introduction to Cleanroom Vacuum Systems, CCA...N. Hedayat**

**Purpose:** Required for new program; **Credit/Contact/Lab Hours:** 3/4/2; **Prerequisites:** Minimum grade of C in ETS 2161; **Corequisites:** None; **Course Description:** An overview of vacuum systems in semiconductor manufacturing. The course focuses on basic principles, components, and operation of vacuum pumps used in semiconductor cleanrooms. Course lectures are complimented with hands-on lab experiments to measure vacuum pressure, quantities of pressure, and check system for pressure leaks; **Effective Date:** Fall 2025 (202610).

### **ETS 2163C      Semiconductor Fabrication Process, CCA...N. Hedayat**

**Purpose:** Required for new program; **Credit/Contact/Lab Hours:** 3/4/2; **Prerequisites:** Minimum grade of C in ETS 2161; **Corequisites:** None; **Course Description:** This course is an introduction to the semiconductor fabrication process. Topics include the principles of semiconductor materials, the processes used to fabricate integrated circuits (ICs), cleanroom protocols, photolithography, doping, etching, thin film deposition, and

process control. Students will also explore current trends and future advancements in semiconductor manufacturing; **Effective Date:** Fall 2025 (202610).

**ETS 2165C      Semiconductor Packaging Fundamentals, CCA...N. Hedayat**

**Purpose:** Required for new program; **Credit/Contact/Lab Hours:** 3/4/2; **Prerequisites:** Minimum grade of C in ETS 2161; **Corequisites:** None; **Course Description:** An introductory course on principles of semiconductor packaging with focus on basic concepts, materials, and packaging processes used to protect and enhance the performance of semiconductor devices. Students will develop practical skills by applying the theoretical knowledge gained in class in hands-on experiments; **Effective Date:** Fall 2025 (202610).

**ETS 2167C      Semiconductor Vacuum Systems and Apps., CCA...N. Hedayat**

**Purpose:** Required for new program; **Credit/Contact/Lab Hours:** 3/4/2; **Prerequisites:** Minimum grade of C in ETS 2161; **Corequisites:** None; **Course Description:** This course introduces students to the essential principles and practical applications of vacuum technology in semiconductor manufacturing. This course emphasizes the operation, maintenance, and troubleshooting of vacuum systems used in processes like thin film deposition, etching, and contamination control. Students will learn about industry safety standards, best practices, and the role of vacuum systems in emerging semiconductor technologies; **Effective Date:** Fall 2025 (202610).

**ETS 2940C      Semiconductor Manufacturing Practicum, CCA...N. Hedayat**

**Purpose:** Required for new program; **Credit/Contact/Lab Hours:** 3/3/1; **Prerequisites:** Minimum grade of C in ETS 2165C and EET 2141C; **Corequisites:** None; **Course Description:** This is a capstone course designed for Semiconductor Engineering Technology students to be taken in the final semester before graduation. Students are required to prepare and present a final project in semiconductor processing from wafer preparation to fabrication and packaging of semiconductor devices; **Effective Date:** Fall 2025 (202610).

**NUR 2811C      Transition to Professional Nursing Practice, CCA...D. Gomez**

**Purpose:** course is being changed from NUR 2811L to NUR 2811C; **Credit/Contact/Lab Hours:** 3/10/9; **Prerequisites:** Admission to Nursing A.S. Degree, minimum grades of C in NUR 1141C, NUR 1020C, NUR 1061C, NUR 2522C, NUR 2221C, NUR 2223C, NUR 1470C; **Corequisites:** NUR 2822C; **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. This course must be completed with a grade of C or better; **Effective Date:** Fall 2025 (202610).

**ETS 2942      Internship in Semiconductor Manufacturing, CCA....R. Bunea**

**Purpose:** New Program **Credit/Contact/Lab Hours:** New Program **Prerequisites:** EET 2141C, ETS 2161C, and ETS 2165C or departmental approval. **Course Description:** This course is a planned work-based experience that provides students with an opportunity to fine-tune skill sets learned in coursework and enhance workplace skills through a supervised practical experience related to their career objectives. Each earned credit of Internship requires a minimum of 80 clock hours of work. Multiple credit course. May be repeated for credit, but grade forgiveness cannot be applied. (Internship Fee \$10.00) **Effective Date:** Fall 2025 (202610)

## CREDIT COURSE MODIFICATIONS

**SPC 1017      Interpersonal Communication, CCM.....Karen Borglum**

**Purpose:** Course description and outcome changes; **Revised Course Description:** Introduces students to the full range of communication from interpersonal communication and team communication to public speaking. Students explore fundamental communication concepts and topics and develop skills to put these principles to work; **Effective Date:** Fall 2024 (202510).

**SPC 1608      Fundamentals of Speech, CCM.....Karen Borglum**

**Purpose:** Course description and outcome changes; **Revised Course Description:** Principles of oral communication common to public speaking and listening. Emphasis on listening techniques, preparation and delivery techniques for extemporaneous speaking; **Effective Date:** Fall 2024 (202510).

**NUR 1470C      Health and Illness Concepts of Reproductive Health and Pediatric Nursing, CCM.....Ruby Alvarez**

**Purpose:** Contact hour breakdown incorrect; **Revised Credit/Contact/Lab Hours:** 3/9/6; **Effective Date:** Summer 2024 (202430).

**NUR 3634      Community Health Nursing, CCM.....Coleen Cox**

**Purpose:** Change to appropriate name for the course. Course code reflect experiential learning. Course outcomes revised to align with competency-based education model. TVCA competencies added; **Revised Course Title:** Community and Public Health Nursing; **Revised Credit/Contact/Lab Hours:** 3/3/0; **Revised Prerequisites:** NUR 3825, NUR 3169; **Revised Corequisites:** None; **Revised Course Description:** This course uses a competency-based conceptual framework to provide online RN to BSN students the opportunity to examine concepts of community and public health nursing focus on the community as a client and nursing interventions utilized across the lifespan. This course is designed to provide students the opportunity to assist culturally diverse populations and aggregates in the community to achieve an optimum level of wellness. Special emphasis is placed on advanced theoretical concepts related to health promotion, risk reduction, disease prevention, and development processes. This course requires students to complete experiential learning through live and virtual activities supervised by the faculty coordinator of experiential learning; **Effective Date:** Fall 2024 (202510).

**ENC 1101      Freshman Composition I, CCM.....M. Robbins**

**Purpose:** These recommendations are being put forth to comply with the standards set in SB266: Higher Education. They incorporate language to include acts of public speaking into ENC1101; **Revised Course Description:** Development of essay form, including documented essay; instruction and practice in expository writing; engagement in public speaking. Emphasis on clarity of central and support ideas, adequate development, logical organization, coherence, appropriate citing of primary and/or secondary sources, and grammatical and mechanical accuracy. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple assignments. Minimum grade of C is required if ENC 1101 is used to satisfy Gordon Rule and general education requirements; **Effective Date:** Fall 2024 (202510).

**MUM 2790L      Music Production-Capstone, CCM.....R. Valery**

**Purpose:** We are changing the course from Repeatable for Credit to Non-Repeatable because of enrollment management issues; **Effective Date:** Fall 2024 (202510).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **ARC 1701 History of Architecture I, CCM.....J. Taylor**

**Purpose:** add Class will include selections from the Western canon; **Revised Course Description:** This introductory course provides a general survey of cultural, aesthetic, and socio-political influences which have affected and shaped architecture from pre-historic times through the end of the seventeenth century. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple assignments. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially architecture, and will include selections from the Western canon. Minimum grade of C required if used to satisfy Gordon Rule requirement; **Effective Date:** Fall 2024 (202510).

### **ARH 1000 Art Appreciation, CCM.....J. Taylor**

**Purpose:** add Class will include selections from the Western canon; **Revised Course Description:** Introductory art appreciation course designed to provide students with a foundation for understanding contemporary visual arts and various artistic mediums. Class will include selections from the Western canon; **Effective Date:** Fall 2024 (202510).

### **ARH 2050 Intro to Art History I, CCM.....J. Taylor**

**Purpose:** add Class will include selections from the Western canon; **Revised Course Description:** Survey of development of visual art forms from prehistory through Middle Ages. This course includes selections from the Western canon.; **Effective Date:** Fall 2024 (202510).

### **ARH 2051 Intro to Art History II, CCM.....J. Taylor**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Survey of development of visual arts from Renaissance to present. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple assignments. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially art, and will include selections from the Western canon.  
**Effective Date:** Fall 2025 (202610).

### **HUM 2220 Greek and Roman Humanities, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas covering the period from the Trojan War through the Roman era. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2220H Greek and Roman Humanities-Honors, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas covering the period from the Trojan War through the Roman era. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **HUM 2223      Medieval Humanities, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas in Western culture from the late Roman Empire through the Middle Ages, emphasizing development and historical influence of monotheistic religions. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2223H      Medieval Humanities-Honors, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas in Western culture covering period from the late Roman Empire through the Middle Ages, emphasizing development and historical influence of monotheistic religions. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2232      Renaissance and Baroque Humanities, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas in Western culture covering period from the Renaissance to the Baroque era, emphasizing synthesis of Classical and Christian ideals, the influence of Mediterranean and Middle-Eastern civilizations on Europe, and of European civilization on Africa and the Americas. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon. **Effective Date:** Fall 2025 (202610).

### **HUM 2232H      Renaissance and Baroque Humanities-Honors, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas in Western culture covering period from the Renaissance to the Baroque era, emphasizing synthesis of Classical and Christian ideals, the influence of Mediterranean and Middle-Eastern civilizations on Europe, and of European civilization on Africa and the Americas. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2234      18<sup>th</sup> and 19<sup>th</sup> Century Humanities, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas in Western culture covering the eighteenth and nineteenth centuries, emphasizing the emergence of the Scientific Revolution, the Enlightenment, Romanticism, and more. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **HUM 2234H 18<sup>th</sup> and 19<sup>th</sup> Century Humanities-Honors, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas in Western culture covering the eighteenth and nineteenth centuries, emphasizing the emergence of the Scientific Revolution, the Enlightenment, Romanticism, and more. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2250 20<sup>th</sup> and 21st Century Humanities, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas in Western culture covering period from the turn of the twentieth century to the present. Focuses on creative forces which have shaped contemporary consciousness from pioneering work of Einstein, Picasso, Stravinsky and Wright through dominance of objective consciousness to newly emerging guiding myths of today. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2250H 20<sup>th</sup> and 21st Century Humanities-Honors, CCM.....K. Styles**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Integrated examination of dominant ideas in Western culture covering period from the turn of the twentieth century to the present. Focuses on creative forces which have shaped contemporary consciousness from pioneering work of Einstein, Picasso, Stravinsky and Wright through dominance of objective consciousness to newly emerging guiding myths of today. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2310 Mythology, CCM.....J. Taylor**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Examines world mythology in comparative perspective, analyzes myths with a variety of methods, and considers the application of mythological ideas and symbols in the humanities. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2310H Mythology-Honors, CCM.....J. Taylor**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Examines world mythology in comparative perspective, analyzes myths with a variety of methods, and considers the application of mythological ideas and symbols in the humanities. Affords students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **HUM 2454 African American Humanities, CCM.....L Lippitt**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** An integrated study of New World cultures most impacted by the African diaspora. Topics include African civilizations; the impact of African and African American influences on art, music, literature, and the creation of



## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

distinctive African-American cultures. 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. This course will afford students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and will include selections from the Western canon; **Effective Date:** Fall 2025 (202610).

### **HUM 2461 Latin American Humanities, CCM.....L Lippitt**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** This course is an interdisciplinary study of the history and culture of Latin America. It 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.; **Effective Date:** Fall 2025 (202610).

### **LIT 1000 Introduction to Literature, CCM.....C. Robinson**

**Purpose:** add Western canon wording; **Revised Course Description:** Affords students the ability to think critically through the mastering of literature, a subject concerned with human culture, and will include selections from international authors and the Western canon. Students will be introduced to methods of reading and writing critically about literature with a focus on cultural and historical understanding; **Effective Date:** Fall 2024 (202510).

### **MUL 1010 Music Appreciation, CCM.....C. Robinson**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** General survey of music and composers with extensive listening to develop intelligent understanding and appreciation of world's great music. Gordon Rule course in which the student is required to demonstrate college level writing skills through multiple writing assignments. This course will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **PHI 2010 Intro to Philosophy, CCM.....T. Rodgers**

**Purpose:** add Western canon wording; **Revised Course Description:** In this course, students will be introduced to the nature of philosophy and philosophical thinking, major intellectual movements in the history of philosophy, including topics from the western philosophical tradition, and various problems in philosophy. Students will strengthen their intellectual skills, become more effective learners, and develop broad foundational knowledge; **Effective Date:** Fall 2024 (202510).

### **PHI 2600 Ethics and Critical Thinking, CCM.....T. Rodgers**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised 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 course will include selections from the Western canon. **Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **REL 2300      World Religions, CCM.....J. Taylor**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Basic introduction to the world's religions. Explores practices and beliefs of major religious traditions including Christianity, Judaism, Hinduism, Islam, and Buddhism. Affords students the ability to think critically through the mastering of subjects concerned with human culture and will include selections from the Western canon.; **Effective Date:** Fall 2025 (202610).

### **REL 2300H      World Religions-Honors, CCM.....J. Taylor**

**Purpose:** Update prereqs, remove Gordon Rule; **Revised prerequisites:** None; **Revised Course Description:** Basic introduction to the world's religions. Explores practices and beliefs of major religious traditions including Christianity, Judaism, Hinduism, Islam, and Buddhism. Affords students the ability to think critically through the mastering of subjects concerned with human culture and will include selections from the Western canon. Gordon Rule course which requires demonstration of college level writing skills through multiple assignments. **Effective Date:** Fall 2025 (202610).

### **THE 1000      Intro to Theater, CCM.....C. Robinson**

**Purpose:** add Western canon wording; **Revised Course Description:** An overview of the Theatrical Arts. Incorporates a study of theatre practitioners and their craft, including playwrights, directors, actors, designers, and technicians. Includes a general overview of theatre history, a survey of contemporary practices in theatre, and exploration of plays from various genres and periods. Attendance at performances is required. This course will include selections from the Western canon; **Effective Date:** Fall 2024 (202510).

### **SLS 1122      New Student Experience, CCM.....C. Robinson**

**Purpose:** Include statutorily required standards; **Revised Course Description:** The New Student Experience is designed to assist students in formulating their purpose in life. Through self-discovery, students will investigate their interests, strengths and personal values that align with their educational and career goals. Emphasis is on orientation to college, integrated student success skills, and the development of an individualized education plan. Students will learn and integrate practical applications to communicate across populations. This course includes public speaking; **Effective Date:** Fall 2024 (202510).

### **MUM 2790L      Music Production - Capstone, CCM.....Raul Valery**

**Purpose:** We are making this course non-repeatable in order to stop "abuse" in registering for it multiple times after the second time; **Revised Course Description:** Participation by students as technicians, producers and managers in the production of either a live audio event, or of a music recording project, closely paralleling the workings of a music production company. Multiple credit course. May be repeated for maximum of two credits, but grade forgiveness cannot be applied. May be repeated once for credit; **Effective Date:** Fall 2025 (202610).

### **CET 2486C      Local Area Networks, CCM.....Soheyila Nakhai**

**Purpose:** Changing the course description and the course outline to match the latest CCNA certification; **Revised Course Description:** This course introduces the architectures, models, protocols, and networking elements that connect users, devices, applications and data through the internet and across modern computer networks - including IP addressing and Ethernet fundamentals. By the end of the course, students can build simple local area networks (LANs) that integrate IP addressing schemes, foundational network security, and perform basic

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

configurations for routers and switches. This is the first of a three-part series designed to prepare students for the Cisco Certified Networking Associate exam; **Effective Date:** Fall 2025 (202610).

### **BSC 1005C      Biological Science Combined, CCM.....H. Patil**

**Purpose:** Curriculum revisions for core general education courses to align with the state LOs; **Revised Course**

**Description:** Combination of BSC 1005 and BSC 1005L with class and lab combined. This course applies the scientific method to critically examine and explain the natural world, including but not limited to cells, organisms, genetics, evolution, ecology, and behavior; **Effective Date:** Spring 2025 (202520).

### **EDF 2051      Teaching and Learning Theory, CCM.....Ellen Costello**

**Purpose:** To comply with HB 1291 effective July 1, 2024; **Revised Course Description:** This course provides Florida Educator Accomplished Practices-aligned 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 a variety of learners; **Effective Date:** Fall 2024.

### **EDG 2413      Student-Centered Classroom Learning Environments, CCM.....Ellen Costello**

**Purpose:** To comply with HB 1291 effective July 1, 2024; **Revised Course Description:** This course provides Florida Educator Accomplished Practices-aligned knowledge and skills for teachers and prospective teachers to maintain a student-centered learning environment that is safe, organized, equitable, flexible, inclusive, and collaborative for all students; **Effective Date:** Fall 2024.

### **FIN 2100      Personal Finance, CCM.....C. Munley**

**Purpose:** Adding prereq based on input from Advisory Committee and IR request showing the success rates of students who took ACG2021C before any Finance course (15% higher). Per Program Review and information received from IR, students have higher success rates in FIN courses when ACG 2021C or MTB 1103 or APA 1111C is completed first. ACG 2021C and MTB 1103 are requirements in the A.S. Business Administration degree and APA 1111C is an accepted elective and a course taken by many A.A. students who take the FIN courses. The course description, major topics, and learning outcomes were updated to better align with the course content; **Revised Prerequisites:** ACG 2021C or MTB 1103 or APA 1111C; **Revised Course Description:** This course provides a foundational understanding for making informed personal financial decisions. Topics include personal financial planning, budgeting, credit management, tax planning, insurance protection, personal investing, and retirement planning; **Effective Date:** Fall 2025 (202610).

### **FSS 2074C      Sourdough Artisan Breads, CCM.....Ken Bourgion**

**Purpose:** Revise contact hours; **Revised Credit/Contact/Lab Hours:** 3/6/5; Course repeatable for credit only once. **Effective Date:** Fall 2025 (202610).

### **OCE 1001H      Intro to Oceanography-Honors, CCM.....K. Chau**

**Purpose:** Updating to match OCE 1001. Required SCNS outcomes; **Revised Course Description:** Same as OCE 1001 with Honors content. Honors program permission required; **Effective Date:** Spring 2025 (202520).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **EGN 2421      Engineering Analysis, CCM.....Mohua Kar**

**Purpose:** Revise prerequisites and corequisites; **Revised Prerequisites:** Minimum grade of C in MAC 2312. EGN 2210C; **Revised corequisites:** EGN 2210C; **Effective Date:** Fall 2025 (202610).

### **EGS 2004C      Electrical Networks, CCM.....Mohua Kar**

**Purpose:** Added EGN 2421, the new course as pre or co-requisite; **Revised Credit/Contact/Lab Hours:** 3/4/2; **Revised Prerequisites:** Minimum grades of C in MAC 2313, PHY 2049C, MAP 2302, and EGN 2421; **Corequisites:** minimum grade of C in MAP 2302 and EGN 2421; **Effective Date:** Fall 2025 (202610).

### **MUM 2790L      Music Production - Capstone, CCM.....Raul Valery**

**Purpose:** Prerequisite changes for enrollment management; **Revised Prerequisites:** Minimum grade of C in MUM 2666C and department approval; **Effective Date:** Fall 2025 (202610).

### **FIN 2000      Principles of Finance, CCM.....C. Munley**

**Purpose:** Per Program Review and information received from IR, students have higher success rates in FIN courses when ACG 2021C or MTB 1103 or APA 1111C is completed first. ACG 2021C and MTB 1103 are requirements in the A.S. Business Administration degree and APA 1111C is an accepted elective and a course taken by many A.A. students who take the FIN courses. Updating learning outcomes so they are measurable, use high-level action verbs on Bloom's taxonomy, and reflect essential content covered in FIN 2000; **Revised Prerequisites:** ACG 2021C or MTB 1103 or APA 1111C; **Effective Date:** Fall 2025 (202610).

### **CAP 3612      Machine Learning Essentials, CCM.....Ashley Evans**

**Purpose:** We are introducing a more structured approach to completing cloud courses. Instead of allowing students to take any of the 6 courses at any time, we are implementing prerequisites and corequisites for the core cloud courses. This change is aimed at enhancing the student's journey through the curriculum; **Revised Prerequisites:** Minimum grades of C in CIS 3080 and CIS 3083C. CIS 3652; **Revised Co-requisites:** CIS 3652; **Effective Date:** Fall 2025 (202610).

### **CIS 3083C      Cloud Management and Design, CCM.....Ashley Evans**

**Purpose:** We are introducing a more structured approach to completing cloud courses. Instead of allowing students to take any of the 6 courses at any time, we are implementing prerequisites and corequisites for the core cloud courses. This change is aimed at enhancing the student's journey through the curriculum; **Revised Prerequisites:** Admission to the B.A.S. Degree in Computing Technology and Software Development, and a minimum grade of C in CIS 3080; **Revised Co-requisites:** CIS 3080; **Effective Date:** Fall 2025 (202610).

### **CIS 3641      Cloud Developer Essentials, CCM.....Ashley Evans**

**Purpose:** We are introducing a more structured approach to completing cloud courses. Instead of allowing students to take any of the 6 courses at any time, we are implementing prerequisites and corequisites for the core cloud courses. This change is aimed at enhancing the student's journey through the curriculum; **Revised Prerequisites:** Minimum grades of C in CIS 3080 and CIS 3083C; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **CIS 3644      Cybersecurity in Cloud Computing, CCM.....Ashley Evans**

**Purpose:** Added the requirement that students must be in the BAS-CTSD program in order to take this course; **Revised Prerequisites:** Admission to the B.A.S. Degree in Computing Technology and Software Development. Minimum grades of C in CIS 3080 and CIS 3083C; **Effective Date:** Fall 2025 (202610).

### **CIS 3652      Cloud Data Analytics Essentials, CCM.....Ashley Evans**

**Purpose:** We are introducing a more structured approach to completing cloud courses. Instead of allowing students to take any of the 6 courses at any time, we are implementing prerequisites and corequisites for the core cloud courses. This change is aimed at enhancing the student's journey through the curriculum; **Revised Prerequisites:** Minimum grades of C in CIS 3080 and CIS 3083C; **Effective Date:** Fall 2025 (202610).

### **CTS 3700      Data Center Operations Essentials, CCM.....Ashley Evans**

**Purpose:** We are introducing a more structured approach to completing cloud courses. Instead of allowing students to take any of the 6 courses at any time, we are implementing prerequisites and corequisites for the core cloud courses. This change is aimed at enhancing the student's journey through the curriculum; **Revised Prerequisites:** Minimum grades of C in CIS 3080 and CIS 3083C; **Effective Date:** Fall 2025 (202610).

### **CGS 2091C      Social, Legal, and Ethical Issues in Information Technology, CCM.....Denise Ross**

**Purpose:** The rapid evolution of information technology necessitates a revision of our Information Technology course outline, particularly regarding social, legal, and ethical issues. Ten years is a significant timeframe in the tech world, with advancements like Artificial Intelligence (AI) and evolving data privacy regulations fundamentally altering the landscape. This outdated curriculum fails to equip students with the knowledge and skills to navigate these contemporary challenges. By incorporating these crucial topics, we can ensure students are prepared to be responsible and ethical users of technology in their future careers and personal lives; **Revised Course Description:** This course provides a comprehensive exploration of the social, legal, and ethical challenges arising from the advancement of computers, artificial intelligence, and computing in contemporary society. Students will develop critical thinking skills while examining key issues in information technology, such as the balance between privacy and information access, the tension between censorship and civil liberties, the complexities of intellectual property, and the threats posed by cybercrime. Additionally, the course will address the influence of information on daily life, digital disparities, and the ethical implications of artificial intelligence; **Effective Date:** Fall 2025 (202610).

### **CGS 2100C      Computer Fundamentals and Applications, CCM.....Denise Ross**

**Purpose:** The future of work is digital, and updating the learning outcomes for CGS2100C is crucial to ensure that our students are prepared for the challenges and opportunities that lie ahead. By incorporating the latest technologies, students will gain the skills necessary to thrive in a cloud-based world. These updates will equip students with the knowledge and skills they need to succeed in the 21st-century workplace; **Revised Course Description:** This course provides a comprehensive introduction to business technology, covering computer systems, operating platforms, and essential software applications. Students will learn to leverage professional tools for data analysis, visualization, and digital communication using both desktop and cloud-based solutions. Students will explore emerging technologies and their impact on modern business practices. Students will also build practical skills for effective technology use in today's digital workplace; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

**MUL 1010 Music Appreciation, CCM.....Karen Styles**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** None; **Effective Date:** Fall 2025 (202610).

**AST 1002 Astronomy, CCM.....Irina Struganova**

**Purpose:** Change course title; **Revised Course Title:** Descriptive Astronomy; **Effective Date:** Fall 2025 (202610).

**AST 1002H Astronomy-Honors, CCM.....Irina Struganova**

**Purpose:** Change course title; **Revised Course Title:** Descriptive Astronomy-Honors; **Effective Date:** Fall 2025 (202610).

**PHY 1020 Conceptual Physics, CCM.....W. Khattou**

**Purpose:** Change course title; **Revised Course Title:** Fundamentals of Physics; **Effective Date:** Fall 2025 (202610).

**PHY 2053C College Physics I with Algebra and Trigonometry, CCM.M. Perez**

**Purpose:** Change course title; **Revised Course Title:** General Physics I; **Effective Date:** Fall 2025 (202610).

**CCJ 1020 Intro to Criminal Justice, CCM.....James McDonald**

**Purpose:** This course has been changed in order for it to be compliant with general education course standards; **Revised Course Description:** This course provides an overview of history, philosophy and operations of criminal justice system. Course includes basic social and behavioral science concepts used in the analysis of police, courts, and correctional institutions; **Effective Date:** Fall 2025 (202610).

**CCJ 2358 Criminal Justice Report Writing: Capstone,**

**CCM.....James McDonald**

**Purpose:** Removed CJC 2000, CJL 2100, and CJJ 2001 as pre-requisites. CJL 2102 was removed as a co-requisite. The remaining pre-requisites are sufficient to prepare students for success in CCJ 2358. The removal of the pre-requisites creates greater access to the course; **Revised Prerequisites:** CJE 2600, CCJ 2053, and a minimum grade of C in ENC 1101 and CCJ 1020.; **Revised Co-Requisites:** None; **Effective Date:** Fall 2025 (202610).

**PLA 2192C Legal Research & Theory III, CCM.....Carin Gordon**

**Purpose:** When the course was initially added to the Paralegal Program, the word "Capstone" was included in the course title. In 2017-2018 it was removed inadvertently. We would like to put it back in the title to the course because it is language that the American Bar Association (ABA) regularly uses in its approval process; **Revised Course Title:** Legal Research & Theory III-Capstone; **Effective Date:** Fall 2025 (202610).

**PLA 2560C Insurance Case Mgmt. for Paralegals, CCM.....Carin Gordon**

**Purpose:** We are dropping "Insurance" from the course name to better reflect of the course outcomes. The course outcomes and content otherwise remain the same; **Revised Course Title:** Case Management for Paralegals; **Effective Date:** Fall 2025 (202610).

**HFT 2630 Security Issues in the Hospitality Industry, CCM.....Craig Rap**

**Purpose:** This change is to update the course title to match the current topics covered. Including Risk Management in the title better describes the content and subject matter of this course, which has evolved over the past ten years to include more about risk management and mitigation strategies; **Revised Course Title:**

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

Security Issues and Risk Management in the Hospitality Industry; **Revised Course Description:** This course provides an overview of contemporary security issues and risk management strategies within the various sectors of the hospitality industry, including lodging, restaurants, theme parks, and event and entertainment venues. Students will examine principles of crime prevention and learn to develop, implement, and assess effective security management programs. Additionally, students will learn about risk assessment, emergency response planning, and best practices to create a secure environment that ensures the safety of guests, staff, and property; **Effective Date:** Fall 2025 (202610).

### **ANT 2410 Cultural Anthropology, CCM.....Susan Dunn**

**Purpose:** Updated to remove GR writing and ENC 1101 pre-requisite language. Effective Fall 2025; **Revised Prerequisites:** None; **Revised Course Description:** Cultural anthropology attempts to explain the similarities and differences in human behavior, social institutions, and ways of life of all people, past and present, by studying living cultures worldwide. This course will examine how cultural anthropologists carry out research in order to understand the ways people live in groups, create culture and adapt to their environments. A variety of topics are covered including the concept of culture, culture change, human diversity, communication, marriage, economics, subsistence, globalization and human migration, kinship, politics and power, social organization, anthropological research and field methods, ethical issues in anthropological research, and the application of anthropological thinking to real world scenarios; **Effective Date:** Fall 2025 (202610).

### **ANT 2410H Cultural Anthropology-Honors, CCM.....Susan Dunn**

**Purpose:** Updated to remove GR writing and ENC 1101 pre-requisite language. Effective Fall 2025; **Revised Prerequisites:** None; **Revised Course Description:** Same as ANT 2410 with honors content; **Effective Date:** Fall 2025 (202610).

### **AMH 2010 United States History to 1877, CCM.....Alyce Miller**

**Purpose:** Mandatory changes as determined by college leadership (revise Course Description and add Gordon Rule); **Revised Course Description:** In this course, students will examine united states history from before European contact to 1877. Topics will include but are not limited to indigenous peoples, the European background, the colonial period, the American revolution, the articles of confederation, the constitution, issues within the new republic, sectionalism, manifest destiny, slavery, the American civil war, and reconstruction. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple writing assignments. Minimum grade C required if AMH 2010 is used to satisfy Gordon Rule requirements; **Effective Date:** Fall 2025 (202610).

### **AMH 2010H United States History to 1877-Honors, CCM.....Alyce Miller**

**Purpose:** Mandatory changes as determined by college leadership (revise Course Description and add Gordon Rule); **Revised Course Description:** Same as AMH 2010, with Honors content. Honors Program permission required. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple writing assignments. Minimum grade C required if AMH 2010H is used to satisfy Gordon Rule requirements; **Effective Date:** Fall 2025 (202610).

### **AMH 2020 U.S. History 1877 to Present, CCM.....Alyce Miller**

**Purpose:** Mandatory changes as determined by college leadership (revise Course Description and add Gordon Rule); **Revised Course Description:** In this course, students will trace the history of the United States from the

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

end of the reconstruction era to the contemporary era. Topics will include but are not limited to the rise of industrialization, the united states' emergence as an actor on the world stage, constitutional amendments and their impact, the progressive era, world war I, the great depression and new deal, World War II, the civil rights era, the cold war, and the United States united states since 1989. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple writing assignments. Minimum grade C required if AMH 2020 is used to satisfy Gordon Rule requirements; **Effective Date:** Fall 2025 (202610).

### **AMH 2020H U.S. History 1877 to Present-Honors, CCM.....Alyce Miller**

**Purpose:** Mandatory changes as determined by college leadership (revise Course Description and add Gordon Rule); **Revised Course Description:** Same as AMH 2020 with honors content. Honors program permission required. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple writing assignments. Minimum grade C required if AMH 2020H is used to satisfy Gordon Rule requirements; **Effective Date:** Fall 2025 (202610).

### **EUH 2000 Ancient and Medieval Western Civilization, CCM....Alyce Miller**

**Purpose:** Remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Prerequisites:** None; **Revised Course Description:** Survey of ancient, medieval and early modern western civilization with emphasis on political, social and economic development. Examines the ancient world, classical antiquity, the Middle Ages, the Renaissance, the Reformation and the age of religious wars, the origins of the modern state, and other topics; **Effective Date:** Fall 2025 (202610).

### **EUH 2000H Ancient and Medieval Western Civilization-Honors, CCM.....Alyce Miller**

**Purpose:** Remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Course Description:** Survey of ancient, medieval and early modern western civilization with emphasis on political, social and economic development. Examines the ancient world, classical antiquity, the Middle Ages, the Renaissance, the Reformation and the age of religious wars, the origins of the modern state, and other topics; **Effective Date:** Fall 2025 (202610).

### **EUH 2001 Modern Western Civilization, CCM.....Alyce Miller**

**Purpose:** Remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Course Description:** Survey of modern western civilization, with emphasis on constitutionalism & absolutism, Enlightenment, 18th century revolutions and Napoleonic era, industrialization and social unrest, unification of Italy and Germany, world wars, the Cold War, and other topics; **Effective Date:** Fall 2025 (202610).

### **EUH 2001H Modern Western Civilization-Honors, CCM.....Alyce Miller**

**Purpose:** Remove prerequisite, remove Gordon Rule); **Effective Date:** Fall 2025 (202610).

### **INR 2002 International Politics, CCM.....Adrienne Mathews**

**Purpose:** Removal of Gordon Rule language and prerequisites; **Revised Prerequisites:** None; **Revised Course Description:** Analysis of world politics, focusing on the role of nation-states and international organizations and on selected foreign policy issues; **Effective Date:** Fall 2025 (202610).



## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **INR 2002H      International Politics-Honors, CCM.....Adrienne Mathews**

**Purpose:** Removal of Gordon Rule language and prerequisites; **Revised Prerequisites:** None; **Effective Date:** Fall 2025 (202610).

### **POS 2041      U.S. Government, CCM.....A. Mathews**

**Purpose:** Mandatory changes as determined by college leadership (revise Course Description and add Gordon Rule); **Revised Course Description:** In this course, students will investigate how the national government is structured and how the American constitutional republic operates. It covers the philosophical and historical foundations of American government, including but not limited to the Declaration of Independence, the United States Constitution and all its amendments, and the Federalist Papers. The course examines the branches of government and the government's laws, policies, and programs. It also examines the ways in which citizens participate in their government and ways their government responds to citizens. 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 2025 (202610).

### **POS 2112      State and Local Government, CCM.....A. Mathews**

**Purpose:** Mandatory changes as determined by college leadership (remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Prerequisites:** None; **Revised Course Description:** In-depth study of state, county and municipal government with emphasis on contemporary problems; **Effective Date:** Fall 2025 (202610).

### **POS 2112H      State and Local Government-Honors, CCM.....A. Mathews**

**Purpose:** Mandatory changes as determined by college leadership (remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Prerequisites:** None; **Effective Date:** Fall 2025 (202610).

### **SYG 2000      Introductory Sociology, CCM.....Melissa Sierra**

**Purpose:** Mandatory changes as determined by college leadership (remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Prerequisites:** None; **Revised Course Description:** In this course, students will gain an understanding of the basic sociological concepts and vocabulary, including the methodological tools, sociological perspectives, and scientific procedures used by social scientists to collect data and conduct research. Topics generally include: society and culture, institutions, socialization, influences, crime, change, groups, sex, race and ethnicity, family, class, and population; **Effective Date:** Fall 2025 (202610).

### **SYG 2010      Social Problems, CCM.....Melissa Sierra**

**Purpose:** Mandatory changes as determined by college leadership **Purpose:** Remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Prerequisites:** None; **Revised Course Description:** Analysis of major social problems confronting society. Special emphasis on critical thinking abilities in evaluating causes, effects and various approaches in dealing with social problems. Discussion includes such topics as mental illness, crime, juvenile delinquency, stratification, pollution, population, urbanization and influences detrimental to family stability: divorce, alcoholism, gambling, drug abuse; **Effective Date:** Fall 2025 (202610).

### **WOH 2012      World History to 1500, CCM.....Alyce Miller**

**Purpose:** Mandatory changes as determined by college leadership (remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Prerequisites:** None; **Revised Course Description:** Survey of the

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

evolution of civilizations from ancient times to the modern era (1500 AD/CE) with emphasis on political, social, cultural, and economic development as they evolved in the various areas. Examines the ancient world and ancient civilizations, classical antiquity, the early nation-states in the various areas around the globe, world religions emergence and development, developments through the first millennium common era, the European Renaissance, intersection and connection between global regions including the early age of Exploration, and other topics that explore the interactions among various civilization regions; **Effective Date:** Fall 2025 (202610).

### **WOH 2022      World History Since 1500, CCM.....Alyce Miller**

**Purpose:** Mandatory changes as determined by college leadership (remove prerequisite, revise Course Description and remove Gordon Rule); **Revised Prerequisites:** None; **Revised Course Description:** Survey of modern transformation of civilizations from 1500 to the present day with emphasis on political, social, cultural, and economic development as they evolved in the various areas. Examines the increasing interconnection of the various world regions emerging through the European Renaissance and age of exploration, the impact of the enlightenment and modern revolutions, the rise of modern nations throughout the world, industrialism, imperialism, and the impact to the Indian, African, Far Eastern and American backgrounds and developments, the world wars, the Cold War, postcolonialism, and other topics that explore the interactions among various civilization regions; **Effective Date:** Fall 2025 (202610).

### **CET 2178C      Computer Hardware, CCM.....Jessica Chisholm**

**Purpose:** Revise course description; **Revised Course Description:** The computer hardware course is a hands-on laboratory-oriented course designed to introduce the student to the operation, support, and troubleshooting of PCs, peripherals, and network connectivity issues. Major terms covered in this course are hardware concepts, troubleshooting, repair, maintenance and support; **Effective Date:** Fall 2025 (202610).

### **CET 4382      Data Communication and Networking, CCM...Jessica Chisholm**

**Purpose:** Adding the course back into the computer concentration. Made modifications to the prerequisites since EGN 3428 is no longer offered by the program and is replaced by EGN 3046 (or MAP 2302). Updated outcomes and evidence of learning to make them more measurable; **Revised Prerequisites:** Minimum grade of C in EGN 3046 or MAP 2302 and EET 2325C; **Effective Date:** Fall 2025 (202610).

### **COP 2822C      Web Site Development, CCM.....Mahendra Gossai**

**Purpose:** Update course to meet new technology requirements; **Revised Course Title:** Web Development I; **Effective Date:** Fall 2025 (202610).

### **ETM 1602C      Automated Electrical Systems and Devices, CCM...Radu Bunea**

**Purpose:** The update was implemented based on the feedback received from the industry partners, faculty, and program graduates; **Revised Prerequisites:** None; **Effective Date:** Fall 2025 (202610).

### **ETM 2605C      Automation and Controls Integration, CCM...Radu Bunea**

**Purpose:** The update was implemented based on the feedback received from the industry partners, faculty, and program graduates; **Revised Prerequisites:** ETM 2606C; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **ETM 2606C      Programming Building Automation Systems, CCM...Radu Bunea**

**Purpose:** The update was implemented based on the feedback received from the industry partners, faculty, and program graduates; **Revised Prerequisites:** ETM 1600C and ETM 1601C; **Effective Date:** Fall 2025 (202610).

### **ETM 2607C      Troubleshooting Automation and Control Systems, CCM.....Radu Bunea**

**Purpose:** The update was implemented based on the feedback received from the industry partners, faculty, and program graduates; **Revised Prerequisites:** ETM 1602C or EET 1214C, ETM 1603C, ETM 2605C; **Effective Date:** Fall 2025 (202610).

### **ETM 2609C      Capstone in Energy Management and Controls Technology, CCM.....Radu Bunea**

**Purpose:** The update was implemented based on the feedback received from the industry partners, faculty, and program graduates; **Revised Prerequisites:** ETM 1604C, ETM 2607C, ETM 2608C; **Revised Course Description:** This advanced course builds on prior knowledge to provide students with hands-on experience in the core aspects of building automation. Students will select a project and use lab equipment to design, install, program, and integrate building automation controllers. Key topics include installing building automation controllers, programming and integrating systems, troubleshooting automation issues, and commissioning building automation systems (BAS). Students will also focus on developing and implementing commissioning plans to ensure system performance and reliability. This capstone course is designed to prepare students for real-world applications in energy management, emphasizing technical expertise and system integration; **Effective Date:** Fall 2025 (202610).

### **ETM 2943      Practicum in Energy Management and Controls Technology, CCM.....Radu Bunea**

**Purpose:** The update was implemented based on the feedback received from the industry partners, faculty, and program graduates; **Revised Credit/Contact/Lab Hours:** 3-15/3-15/0; **Revised Course Description:** This is a planned, hands-on, technical skill building experience that provides students with an opportunity to develop their commercial HVACR and Electrical skills set required to understand and control commercial building automation systems. Through an agency partner, this Practicum involves the successful completion of an A/C, Refrigeration and Heating Technician certification program, an Electrical related certification program, and/or BAS Technician related industry experience per Program Chair approval. 3 credits repeatable for maximum of 15 credit hours; **Effective Date:** Fall 2025 (202610).

### **NUR 1020C      Introduction to Professional Nursing and Health Care Concepts, CCM.....Diane Gomez**

**Purpose:** Modification to move BSC 2086C to a pre-req and to accept either DEP 2004 or PSY 2012 as well as HUN 2202 or HUN 1201; **Revised Prerequisites:** Admission to Nursing A.S. Degree Program, minimum grades of C in ENC 1101, Gen. Ed. Humanities requirement, MGF 1130, DEP 2004 and/or PSY 2012, BSC 2085C, HUN 2202 and/or HUN 1201, MCB 2010C, and BSC 2086; **Revised Corequisites:** NUR 1061C; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **NUR 1061C      Health and Illness Concepts of Physical and Health Assessment,**

**CCM.....Diane Gomez**

**Purpose:** Modification to move BSC 2086C to a pre-req and to accept either DEP 2004 or PSY 2012 as well as HUN 2202 or HUN 1201. Additionally, the absorption of needed credits in the nursing program; **Revised Credit/Contact/Lab Hours:** 4/6/3; **Revised Prerequisites:** Admission to Nursing A.S. Degree Program, minimum grades of C in ENC 1101, Gen. Ed. Humanities requirement, MGF 1130, DEP 2004 and/or PSY 2012, BSC 2085C, HUN 2202 and/or HUN 1201, MCB 2010C, and BSC 2086C; **Revised Corequisites:** NUR 1020C; **Effective Date:** Fall 2025 (202610).

### **NUR 1100C      ATN - Transition into Professional Nursing Concepts,**

**CCM.....Diane Gomez**

**Purpose:** Edited to reflect that course will be full term; **Revised Course Description:** This course introduces the concepts within the domain of health and illness, health care recipient, and professional nursing and health care emphasizing the themes of attributes and resources, homeostasis and regulation, care competencies. This course will focus on the concepts of development, clinical judgement, comfort and caring, ethics, fluid and electrolytes, mobility, culture, health care quality, health promotion, adherence, infection, professional identity, safety, stress and coping, technology and informatics. Reinforcement of interrelated concepts related to development, elimination, gas exchange, culture and communication, perfusion, and skin integrity. 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. This course is full term as of Fall 2025; **Effective Date:** Fall 2025 (202610).

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

**CCM.....Diane Gomez**

**Purpose:** BSC course moved to pre-req; **Revised Prerequisites:** Admission to Nursing A.S. Degree Program, minimum grades of C in NUR 1020C, and NUR 1061C; **Effective Date:** Fall 2025 (202610).

### **NUR 2000C      ATN Concepts of Patient Care Management and Leadership-Practicum,**

**CCM.....Diane Gomez**

**Purpose:** Need to add one credit from course no longer in pre-req; **Revised Credit/Contact/Lab Hours:** 6/12/9; **Effective Date:** Fall 2025 (202610).

### **NUR 2522C      Health and Illness Concepts of Mental Health,**

**CCM.....Diane Gomez**

**Purpose:** Edit prerequisite; **Revised Prerequisite:** Admission to Nursing A.S. Degree Program, minimum grades of C in NUR 1020C, NUR 1061C; **Effective Date:** Fall 2025 (202610).

### **NUR 3634C      Community and Public Health Nursing, CCM.....Coleen Cox**

**Purpose:** NUR 3634C course outline modified: Course number returned to NUR 3634C. Added prerequisites: A minimum grade of C in NUR 3825, NUR 3169, and NUR 4837; and co-requisites NUR 3169 and NUR 4837. Syllabus revised to reflect changes and uploaded. Contact Hour Breakdown revised to include appropriate lab hours (one lab credit = 3 contact hours); **Revised Credit/Contact/Lab Hours:** 4/6/3; **Revised Prerequisites:** A minimum grade of C in NUR 3825, NUR 3169, and NUR 4837; **Revised Course Description:** This course uses a competency-based conceptual framework to provide online RN to BSN students the opportunity to examine

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

concepts of community and public health nursing focus on the community as a client and nursing interventions utilized across the lifespan. This course is designed to provide students the opportunity to assist culturally diverse populations and aggregates in the community to achieve an optimum level of wellness. Special emphasis is placed on advanced theoretical concepts related to health promotion, risk reduction, disease prevention, and development processes. This course requires students to complete experiential learning through live and virtual activities supervised by the faculty coordinator of experiential learning; **Effective Date:** Fall 2025 (202610).

### **NUR 4945C      Nursing Capstone, CCM.....Coleen Cox**

**Purpose:** Prerequisites and co-requisites updated. Credit hours revised to reflect appropriate contact hours for lab credit. TVCAs added. Revised syllabus uploaded; **Revised Credit/Contact/Lab Hours:** 2/4/3; **Revised Prerequisites:** NUR 3634C, and NUR 4829; **Revised Corequisites:** NUR 3634C, and NUR 4829; **Effective Date:** Fall 2025 (202610).

### **DES 1051      Dental Pain Control and Local Anesthesia, CCM...Tiffany Baggs**

**Purpose:** Course description change; **Revised Course Description:** The course covers pain control in dentistry including topical and local anesthetics, and the use of analgesics; **Effective Date:** Fall 2025 (202610).

### **HSC 1004      Professions of Caring, CCM.....B. Pierre**

**Purpose:** Name change to make more attractive to students and to serve as an introductory course for students interested in future majors within the school of Health Sciences; **Revised Course Title:** Introduction to Health Professions; **Revised Course Description:** Introduction to Health Professions is designed to assist students in formulating their purpose in life as a health care professional as compared to other non-health fields. Through self-discovery, students will investigate their interests, strengths and personal values that align with their educational and health career goals. The faculty are health care professionals and will provide the expertise and guidance needed to help students navigate through the maze of available health careers. Emphasis is on orientation to college, integrated student success skills, and the development of an individualized education plan. Students will learn and integrate practical applications to communicate across diverse populations; **Effective Date:** Fall 2025 (202610).

### **NUR 1020C      Introduction to Professional Nursing and Health Care Concepts, CCM.....Diane Gomez**

**Purpose:** Revise prereqs and coreq; **Revised Prerequisites:** Admission to Nursing A.S. Degree Program; **Revised Corequisites:** NUR 1061C; **Effective Date:** Fall 2025 (202610).

### **NUR 1061C      Health and Illness Concepts of Physical and Health Assessment, CCM.....Diane Gomez**

**Purpose:** Revise prereqs, coreqs, credit/contact/lab hours; **Revised Prerequisites:** Admission to Nursing A.S. Degree Program; **Revised Corequisites:** NUR 1020C; **Revised Credit/Contact/Lab Hours:** 4/6/3; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **NUR 1100C      ATN - Transition into Professional Nursing Concepts,**

**CCM.....Diane Gomez**

**Purpose:** Edited to reflect that course will be full term; **Revised Course Description:** This course introduces the concepts within the domain of health and illness, health care recipient, and professional nursing and health care emphasizing the themes of attributes and resources, homeostasis and regulation, care competencies. This course will focus on the concepts of development, clinical judgement, comfort and caring, ethics, fluid and electrolytes, mobility, culture, health care quality, health promotion, adherence, infection, professional identity, safety, stress and coping, technology and informatics. Reinforcement of interrelated concepts related to development, elimination, gas exchange, culture and communication, perfusion, and skin integrity. 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. This course must be completed with a grade of C or better for program progression; **Effective Date:** Fall 2025 (202610).

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

**CCM.....Diane Gomez**

**Purpose:** BSC course moved to pre-req; **Revised Prerequisites:** Admission to Nursing A.S. Degree Program, minimum grades of C in NUR 1020C, and NUR 1061C; **Revised 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. This course must be completed with a grade of C or better for program progression. This course must be completed with a grade of C or better for program progression; **Effective Date:** Fall 2025 (202610).

### **NUR 1470C      Health and Illness Concepts of Reproductive Health and Pediatric Nursing,**

**CCM.....Diane Gomez**

**Purpose:** Revise prereqs and course description; **Revised Prerequisites:** Admission to Nursing A.S. Degree Program, minimum grades of C in NUR 1020C, NUR 1061C, NUR 1141C, NUR 2522C, and NUR 2221C; **Revised Course Description:** This course includes the concepts within the domain of health and illness and health care recipient. The course will focus on the concepts of reproduction, sexuality, family dynamics and pediatrics. 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. This course must be completed with a grade of C or better for program progression; **Effective Date:** Fall 2025 (202610).

### **NUR 2000C      ATN Concepts of Patient Care Management and Leadership-Practicum,**

**CCM.....Diane Gomez**

**Purpose:** Need to add one credit from course no longer in pre-req; **Revised Credit/Contact/Lab Hours:** 6/12/9; **Revised Course Description:** This course has a capstone style clinical focus on leadership, management of care, coordination of services, and collaboration with all team members to ensure safe and effective care is provided to clients, families, and communities we serve utilizing the concepts of health care organizations, technology & informatics, health care law, health care quality, leadership, professional identity, and clinical judgment. This course will relate nursing accountability to legal, ethical, and regulatory frameworks. With the guidance of faculty and RN preceptor, the student will demonstrate his/her ability to independently perform the role of the

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

new associate degree graduate in a variety of clinical settings. A grade of satisfactory in the clinical/lab is required. This course must be completed with a grade of C or better; **Effective Date:** Fall 2025 (202610).

### **NUR 2217C      ATN Concepts of Adult Health II, CCM.....Diane Gomez**

**Purpose:** Revise course description; **Revised Course Description:** This course has a capstone style clinical focus on leadership, management of care, coordination of services, and collaboration with all team members to ensure safe and effective care is provided to clients, families, and communities we serve utilizing the concepts of health care organizations, technology & informatics, health care law, health care quality, leadership, professional identity, and clinical judgment. This course will relate nursing accountability to legal, ethical, and regulatory frameworks. With the guidance of faculty and RN preceptor, the student will demonstrate his/her ability to independently perform the role of the new associate degree graduate in a variety of clinical settings. A grade of satisfactory in the clinical/lab is required. This course must be completed with a grade of C or better; **Effective Date:** Fall 2025 (202610).

### **NUR 2221C      Health and Illness Concepts in Adult Health I, CCM...D. Gomez**

**Purpose:** Revise prereqs; **Revised Prerequisites:** Admission to Nursing A.S. Degree Program, minimum grades of C in NUR 1020C and NUR 1061C; **Effective Date:** Fall 2025 (202610).

**Effective Date:** Fall 2025 (202610).

### **NUR 2223C      Health and Illness Concepts in Adult Health II, CCM...D. Gomez**

**Purpose:** Revise prereqs; **Revised Prerequisites:** Admission to Nursing A.S. Degree, NUR 1020C, NUR 1061C, NUR 1141C, NUR 2522C, NUR 2221C; **Effective Date:** Fall 2025 (202610).

### **NUR 2440C      ATN - Concepts of Maternal Child Health, CCM...D. Gomez**

**Purpose:** Revise course description; **Revised Course Description:** This course includes the concepts within the domain of health and illness, health care recipient, and professional nursing and health care emphasizing the themes of attributes and resources, comfort and caring, Development, family dynamics, interpersonal violence, reproduction, sexuality. Including interrelated concepts of reproduction, communication, development, and health promotion. 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. This course must be completed with a grade of C or better for program progression; **Effective Date:** Fall 2025 (202610).

### **NUR 2522C      Health and Illness Concepts of Mental Health, CCM.....Diane Gomez**

**Purpose:** Edit prerequisite; **Revised Prerequisite:** Admission to Nursing A.S. Degree Program, minimum grades of C in NUR 1020C, NUR 1061C; **Revised 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. This course must be completed with a grade of C or better for program progression; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **NUR 2804C      Professional Nursing and Health Concepts II, CCM...D. Gomez**

**Purpose:** Revise prereqs; **Revised Prerequisites:** Admission to Nursing A.S. Degree, minimum grades of C NUR 1020C, NUR 1061C, NUR 2522C, NUR 1141C, NUR 2221C, NUR 1470C, NUR 2223C; **Effective Date:** Fall 2025 (202610).

### **NUR 2822C      Professional Nursing and Health Care Concepts II,**

**CCM.....D. Gomez**

**Purpose:** Edited Dean label, credits/contact/lab, and pre-req courses after admission to program; **Revised Credit/Contact/Lab Hours:** 5/11/9; **Revised Prerequisites:** Admission to Nursing A.S. Degree, minimum grades of C in NUR 1020C, NUR 1061C, NUR 2522C, NUR 1141C, NUR 2221C, NUR 1470C, NUR 2223C; **Revised 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. This course must be completed with a grade of C or better; **Effective Date:** Fall 2025 (202610).

### **NUR 2933C      ATN - Concepts of Adult Health I, CCM.....D. Gomez**

**Purpose:** Needed to add credits that were being reallocated; **Revised Credit/Contact/Lab Hours:** 8/16/12; **Revised Course Description:** This course reinforces the three domains of the health care recipient, health and illness, and professional nursing and healthcare. Emphasis is placed on hemostasis & regulation and protection. The course will include the concepts of fluid & electrolytes, gas exchange, perfusion, hormonal regulation, glucose regulation, and elimination. Interrelated concepts of: communication, culture, elimination, ethics, gas exchange, health promotion adherence, infection/immunity, interpersonal violence, mobility, perfusion, professional identity, safety, stress & coping, technology & informatics, and tissue integrity. Upon completion, students will provide safe nursing care incorporating the concepts identified in this course. A grade of satisfactory in the clinical/labs required. This course must be completed with a grade of C or better for program progression; **Effective Date:** Fall 2025 (202610).

## CREDIT COURSE DELETIONS

### **NUR 3634C      Community Health Nursing, CCD.....R. Alvarez**

**Purpose:** Course number changed to NUR 3634; **Effective Date:** Summer 2024

### **IDH 1110      Interdisciplinary Studies in General Education I-Honors, CCD**

**Purpose:** Has not been taught in years as course was a part of a Seneff Honors College track that is no longer offered - and will not be offered again in the future; **Effective Date:** Summer 2024 (202430).

### **IDH 1111      Interdisciplinary Studies in General Education II-Honors, CCD**

**Purpose:** Has not been taught in years as course was a part of a Seneff Honors College track that is no longer offered - and will not be offered again in the future; **Effective Date:** Summer 2024 (202430).



## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **IDH 1112      Interdisciplinary Studies in General Education-Honors, CCD**

**Purpose:** Has not been taught in years as course was a part of a Seneff Honors College track that is no longer offered - and will not be offered again in the future; **Effective Date:** Summer 2024 (202430).

### **IDH 2028      Honors Capstone, CCD**

**Purpose:** Has not been taught in years as course was a part of a Seneff Honors College track that is no longer offered - and will not be offered again in the future; **Effective Date:** Summer 2024 (202430).

### **IDH 2120      Interdisciplinary Studies in General Education III-Honors, CCD**

**Purpose:** Has not been taught in years as course was a part of a Seneff Honors College track that is no longer offered - and will not be offered again in the future; **Effective Date:** Summer 2024 (202430).

### **IDH 2121      Interdisciplinary Studies in General Education IV-Honors, CCD**

**Purpose:** Has not been taught in years as course was a part of a Seneff Honors College track that is no longer offered - and will not be offered again in the future; **Effective Date:** Summer 2024 (202430).

### **SLS 1501H      Honors Seminar, CCD**

**Purpose:** SCNS courses not taught in 5 years are required to be removed per section 1007.24 (9)(d), Florida Statutes; **Effective Date:** Fall 2024 (202510).

### **EGN 2332      Mechanics of Material, CCD.....Mohua Kar**

**Purpose:** Course number being changed to add a C; **Effective Date:** Fall 2025 (202610).

### **DIG 1102C      Intro to Web Programming, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

### **DIG 1108C      Intro to Server-Side Programming, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

### **DIG 1631C      Digital Industry Practices, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

### **DIG 2092C      Ethics of Web Development, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

### **DIG 2101C      Advanced Web Essentials, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

### **DIG 2106C      Advanced Client-Side Programming, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

### **DIG 2107C      Advanced Server-Side Programming, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

**DIG 2170C      Web Application Development, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

**DIG 2180C      Intermediate Client-Side Programming, CCD...Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

**DIG 2312C      Intro to Actionsript, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

**DIG 2561C      Project Management for Digital Media, CCD...Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

**DIG 2562C      Intro to Content Management, CCD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

**DIG 2564C      Advanced Content Management Systems, CCD.....D. DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).

**BSC 2093C      Human Anatomy and Physiology I, CCD.....Olga Vazquez**

**Purpose:** It will be replaced by BSC 2085C; **Effective Date:** Fall 2025 (202610).

**BSC 2094C      Human Anatomy and Physiology II, CCD.....Olga Vazquez**

**Purpose:** It will be replaced by BSC 2086C; **Effective Date:** Fall 2025 (202610).

**HFT 2756      Introduction to Theme Park and Attractions Management,**

**CCD.....C. Rapp**

**Purpose:** We would like to change the course number for our Intro to the Theme Park and Attraction Management to align with UCF Rosen College of Hospitality. The course description and learning outcome from our course are very similar to those of UCF's course, and the rationale for changing the course number is to make student transfer to UCF Rosen College of Hospitality Management seamless. This was requested in conversation with UCF Rosen by their Director of Student Services and Associate Dean. This is only a change in course number; to ensure seamless transfer, the same course number will be used by UCF; **Effective Date:** Fall 2025 (202610).

**NUR 3634      Community and Public Health Nursing, CCD.....Coleen Cox**

**Purpose:** The RN to BSN program will use NUR 3634C; **Effective Date:** Fall 2025 (202610).

**NUR 2811L      Transition to Professional Nursing Practice, CCD...D. Gomez**

**Purpose:** course is being changed from NUR 2811L to NUR 2811C; **Effective Date:** Fall 2025 (202610).

## PROGRAM ADDITIONS

### **Semiconductor Engineering Technology A.S. to B.S. to UCF, CPA.....N. Hedayat**

**Purpose:** This is a specialized program pathway to UCF Bachelor of Science in Semiconductor Engineering. It is developed as one of the requirements of the NSF Engine grant; **Effective Date:** Fall 2025 (202610).

### **A.S in Semiconductor Engineering Technology, CPA.....N. Hedayat**

**Purpose:** To prepare students for the current and future jobs in semiconductor industries; **Effective Date:** Fall 2025 (202610).

### **Semiconductor Cleanroom Maintenance Technician TC, CPA.....N. Hedayat**

**Purpose:** To prepare students for current and future jobs in semiconductor industry; **Effective Date:** Fall 2025 (202610).

### **Advanced Technical Certificate in Bread Baking, CPA.....Steven Rujak**

**Purpose:** The ATC in advanced Bread Baking will add professional development courses in bread for the industry and graduated students that want to further their career in bread baking; **Effective Date:** Fall 2025 (202610).

### **Criminal Justice A.S. to BS. Track, CPA.....James McDonald**

**Purpose:** This new track under the Criminal Justice A.S. degree program will provide a structured and prescribed pathway for students in the A.S. degree to also earn an A.A. degree. This should contribute to the transfer success for our A.S. students who intend to transfer to another institution to continue to earn a Bachelor of Science degree and it benefit A.A. students by allowing them to earn a valuable career credential. This modification also includes the removal of SLS 1122 as a general education requirement.; **Effective Date:** Fall 2025 (202610).

### **Hospitality – Theme Park and Attractions Management TC, CPA.....Craig Rapp**

**Purpose:** The technical certificate in Theme Park and Attractions Management at Valencia College is designed to create both career and educational pathways. This 18-credit hour certificate could potentially be completed in one to two semesters and is accessible to anyone interested in advancing in the many areas that exist in theme park operations—from entertainment to transportation services. Additionally, it offers a pathway for someone who has never considered pursuing a college degree, as the 18 college credits earned can be directly applied to the A.S. in Hospitality Management at Valencia College. This program also includes an A.S. to B.S. pathway that allows students direct transfer to UCF Rosen College of Hospitality Management. This certificate is aligned with the Theme Park and Attractions Management Specialization. Note: this new program is being submitted pending state approval, submitted to the state by the November 1st deadline, at which time we will have a CIP assigned and we will update this. We don't foresee any problems with the state; **Effective Date:** Fall 2025 (202610).

### **Artificial Intelligence Foundations TC, CPA.....Gerald Hensel**

**Purpose:** To add emerging technologies to a new certificate; **Effective Date:** Fall 2025 (202610).

## PROGRAM MODIFICATIONS

### General Education Program Course Changes, CPM.....C. Robinson

**Purpose:** Gen Ed Institutional course changes and additions; **Effective Date:** Fall 2025 (202610).

- For a full list of General Education course changes approved by the District Board of Trustees and the State Department of Education, visit <https://valenciacollege.edu/about/board-of-trustees/documents/2024-11-18-general-education-courses-per-distribution-area-current-and-proposed.pdf>
- To view the General Education requirements in the catalog visit <https://catalog.valenciacollege.edu/degrees/associateinarts/courserequirements/>. You may need to refresh your browser to see the updated list
  - Core and Institutional are not designated for Communications courses as ENC 1101, ENC 1102, and either SPC 1608/H or SPC 1017H are required
  - Humanities and Science entries have been updated to include only the 3 credit Core course requirement
  - Social Science only lists the Civic Literacy courses as one is a graduation requirement. A footnote was added that students must also complete a Civic Literacy assessment requirement
  - Area 6: General Education Student Choice has been added. It lists the Institutional Humanities and Science courses, as well as both the remaining Core and Institutional Social Science options
- Gordon Rule has been removed from Institutional Humanities and Social Science. It has been added to SPC 1608/H, SPC 1017/H, POS 2041/H, AMH 2010/H, and AMH 2020/H. When taken Fall 2025 or after, these courses must now be passed with a C.
- Foreign Language is included in General Education
- Students seeking an Associate in Arts degree will have 12 credits of General Education Student Choice courses. Students can choose any Core or Institutional courses designated as General Education to satisfy the General Education Student Choice credits.
- Institutional course credit will be based on when the student takes the class; catalog year will not apply

### Bachelor of Science in Nursing, CPM.....Ruby Alvarez

**Purpose:** MGF 1106 will no longer be offered; **Effective Date:** Fall 2024 (202510).

### Digital Media Web Production Certificate, CPM.....Dominic Dipaolo

**Purpose:** In our last program review with the Workforce Office we realized that there were no motion graphics technical certificates. These changes are being made to create TCs for motion graphics students; **Revised**

**Program Title:** Digital Media Motion Graphics Development Certificate; **Effective Date:** Fall 2025 (202610).

### Webcast Technology Certificate, CPM.....Dominic Dipaolo

**Purpose:** In our last program review with the Workforce Office we realized that there were no motion graphics technical certificates. These changes are being made to create TCs for motion graphics student; **Revised Program**

**Title:** Digital Media Motion Graphics Production Certificate; **Effective Date:** Fall 2025 (202610).

**B.A.S. in Computing Technology & Software Development (A.A. Program Requirements),**

**CPM.....Ashley Evans**

**Purpose:** We have created a new elective course, CIS 3644 – Cybersecurity in Cloud Computing, which must now be added to our catalogue for the cloud computing pathway; **Effective Date:** Fall 2025 (202610).

**B.A.S. in Computing Technology & Software Development (A.S. Program Requirements),**

**CPM.....Ashley Evans**

**Purpose:** We have created a new elective course, CIS 3644 – Cybersecurity in Cloud Computing, which must now be added to our catalogue for the cloud computing pathway; **Effective Date:** Fall 2025 (202610).

**Customer Service Management Certificate, CPM.....Storm Russo**

**Purpose:** We are moving one class (MKA 2021) from the Customer Service Management Certificate and making it an "OR" option to all Customer Service Certificates at the first level to allow for more enrollment options and skill attainment that relates to the TC. We are replacing MKA 2021 with SBM 1000 as an Advanced Course; **Effective Date:** Fall 2025 (202610).

**Customer Service Operations Certificate, CPM.....Storm Russo**

**Purpose:** We are moving one class (MKA 2021) from the Customer Service Management Certificate (Advanced Courses) and making it an "OR" option to the Specialist/Operations Certificates to allow for more enrollment options and skill attainment that relates to the TC; **Effective Date:** Fall 2025 (202610).

**Customer Service Specialist Certificate, CPM.....Storm Russo**

**Purpose:** We are moving one class (MKA 2021) from the Customer Service Management Certificate (Advanced Courses) and making it an "OR" option to the Specialist/Operations Certificates to allow for more enrollment options and skill attainment that relates to the TC; **Effective Date:** Fall 2025 (202610).

**Operations Support and Services Certificate, CPM.....Storm Russo**

**Purpose:** Deletion of course (GEB2861) no longer offered. Instead of GEB1011 or GEB2861, the certificate will only show GEB1011; **Effective Date:** Fall 2025 (202610).

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

**Purpose:** The AS in Supervision and Management is still listing an "Aviation Maintenance Track". The word "track" is causing confusion. We eliminated the Aviation or Aviation track courses. We want to preserve the FAA certification transfer agreements; **Effective Date:** Fall 2025 (202610).

**Advanced Technical Certificate in Echocardiography, CPM.....Sharon Shenton**

**Purpose:** RET 4444C was previously modified to remove the "C" from the title. It is an online lecture course. The course is still listed here as 4444C, which due to the modification, no longer exists. RET4444C needs to be replaced here with the existing RET 4444. In addition, this course is now offered in the Summer term, so the Plan of Study grid also needs to be updated; **Effective Date:** Fall 2025 (202610).

**B.S. in Cardiopulmonary Sciences, CPM.....Sharon Shenton**

**Purpose:** Statement of Program Goals added in order to meet CoARC (Commission on Accreditation for Respiratory Care) accreditation standards. Program Goal added for Cardiovascular Techs for completeness. Add AMH 2010 for civic literacy; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **A.S. in Science, Technology, Engineering and Math (STEM), CPM.....M. Kar**

**Purpose:** Adding two new courses in the Engineering specializations - EGN 2332C and EGN 2421; Updated General Education requirements; **Effective Date:** Fall 2025 (202610).

### **A.S. in Digital Media Technology, CPM.....Dominic DiPaolo**

**Purpose:** Removing the web development track from our AS degree program; **Effective Date:** Fall 2025 (202610).

### **A.S. in Electrical and Computer Engineering Tech, CPM.....Lisa Macon**

**Purpose:** Due to feedback from Graduation & Records for the program electives statement the additional language is necessary; **Effective Date:** Fall 2025 (202610).

### **A.S. in Audio Technology & Sound Production, CPM.....Jose Aenlle**

**Purpose:** Eliminating redundancy in the title. Removed SLS 1122 from ALL specializations since it is no longer required by the state. - Created changes required by Masood Ejaz chair of the Electrical and Computer Engineering program to better prepare our students in Audio Engineering Technology Specialization for the bachelor's in Electrical and Computer Engineering Technology. Removed MUM 2790L Music Production as a requirement for the Audio Engineering Technology Specialization. - Added GEB 2112 Entrepreneurship to the Audio and Music Business Specialization. Added 3 credit hours of electives to the Audio and Music Business, Music Production, and Sound Production Specializations; **Revised Course Title:** A.S. in Sound Production Technology; **Effective Date:** Fall 2025 (202610).

### **A.S. in Biotechnology Laboratory Sciences, CPM.....Susan Ingersoll**

**Purpose:** Updating Civic Literacy and Communication General Education requirements as well as adding program and science electives in response to the changes of the General Education curriculum. These changes will provide a pathway for students to earn their AS and AA degree simultaneously without taking any additional coursework; **Effective Date:** Fall 2025 (202610).

### **A.S. in Dental Hygiene, CPM.....R. Poole**

**Purpose:** Due to legislative changes, BSC 2093C and BSC 2094C must be changed to BSC 2085C and BSC 2086C. As per John Niss, these changes will be made at the programmatic level. Program will accept both BSC 2093C and BSC 2094C as it is a selective program and students are in progress and have completed required pre-requisite courses; **Effective Date:** Fall 2025 (202610).

### **A.S. in Diagnostic Medical Sonography, CPM.....J. Brunetti**

**Purpose:** Program amend to add new general education Civic Literacy requirements. Student to take one of the following: POS2041, AMH2020, or AMH2010 and remove PSY 2012. Add BSC 2085C or BSC 2093C. Add BSC 2086C or BSC 2094C. As per John Niss, these changes will be made at the programmatic level. Program will accept both BSC 2093C and BSC 2094C as it is a selective program and students are in progress and have completed required pre-requisite courses; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **A.S. in Respiratory Care, CPM.....Y. Wells**

**Purpose:** Amending the program to meet the new general education requirements. Remove: PSY 2012. Add: AMH 2010, AMH 2020, or POS 2041. Add: BSC 2085C or BSC 2093C. Add BSC 2086C or BSC 2094C; **Effective Date:** Fall 2025 (202610).

### **A.S. in Cardiovascular Technology, CPM.....Beverly Bond**

**Purpose:** Amend the program to meet the new general education Civic Literacy requirement remove PSY2012 and add AMH2010, AMH2020, or POS2041; **Effective Date:** Fall 2025 (202610).

### **A.S. in Radiography, CPM.....Beverly Bond**

**Purpose:** Amend program to add Civic Literacy requirements to include one of the following: POS2041, AMH2020 or AMH2010 and remove CGS 1060C. Add BCS 2085C or BSC2093C. Add BCS 2086C or BSC2094C. As per John Niss, these changes will be made at the programmatic level. Program will accept both BSC 2093C and BSC 2094C as it is a selective program and students are in progress and have completed required pre-requisite courses; **Effective Date:** Fall 2025 (202610).

### **Bachelor of Applied Science in Business and Organizational Leadership,**

#### **CPM.....Jerrid Kalakay**

**Purpose:** Needed to update to align with new General Education requirements; **Effective Date:** Fall 2025 (202610).

### **B. S. in Radiologic and Imaging Sciences (BSRAD), CPM.....Mike Bosley**

**Purpose:** Due to upcoming GEN ED changes the following proposed changes to the program requirements are: Radiologic and Imaging Sciences, ENC 1102 Keep, SPC 1608 Keep, Math (STA2023) Keep, Social Science Delete, Humanities Delete, Gen-Ed Elective Delete, Student Choice General Education (9 credits) Add; **Effective Date:** Fall 2025 (202610).

### **A.S. in Property Management, CPM.....M. Register**

**Purpose:** In our last program review, the following 3 changes in CIM were suggested to improve graduation/success rate. Move REE 2430 to Year 2 Term 1. Add ACG 2021c or APA 1111C. Move REE 2943 to Year 1 Term 3; **Effective Date:** Fall 2025 (202610).

### **A.S. in Business Administration, CPM.....Storm Russo**

**Purpose:** Updates to electives list for Finance, International Business, Management, Real Estate Management and Small Business Specializations; **Effective Date:** Fall 2025 (202610).

### **Business Management Certificate, CPM.....Storm Russo**

**Purpose:** Updating electives list and deleting a course no longer offered; **Effective Date:** Fall 2025 (202610).

### **Business Operations Certificate, CPM.....Storm Russo**

**Purpose:** Deleting course no longer offered (GEB1136); **Effective Date:** Fall 2025 (202610).

### **Real Estate Specialist Certificate, CPM.....Storm Russo**

**Purpose:** Updating electives list **Effective Date:** Fall 2025 (202610).

**Criminal Justice - Law Enforcement Academy Track, CPM.....James McDonald**

**Purpose:** Replaced MGF 1130 with the requirement to complete Math: Gen. Ed. core requirement. This will make the math requirement consistent with changes made to the traditional A.S. degree. Also replaced SLS 1122 with CCJ 2452, Criminal Justice Administration; **Effective Date:** Fall 2025 (202610).

**Criminal Justice Experiential Learning Program - Corrections Officer Track,**

**CPM.....James McDonald**

**Purpose:** CJJ 2001 was removed as a required course and moved to electives. This is consistent with the changes made to the A.S. degree (CJE 2000 and CJJ 2001 were both moved to electives). CJC 2162 was also moved to electives. In addition, the requirement to complete PSY 2012 or SYG 2000 has been removed. This will reduce the general education requirement from 18 credit hours to 15 credit hours but will add an addition three credit hours for electives that will give law enforcement officers more opportunities to earn credit for prior learning. Under semester 6, we changed the CJ elective requirement from 9 hours to 3-9 hours. This accounts for the variation in credits awarded for the licensure articulation (6-12 credit hours). Depending on how many credit hours a student is awarded, a student may not need to complete 9 credit hours of CJ electives. Replaced MGF 1130 with requirement: Math: See Gen. Ed. core requirement; **Effective Date:** Fall 2025 (202610).

**Criminal Justice Experiential Learning Program- Law Enforcement Track,**

**CPM.....James McDonald**

**Purpose:** CJJ 2001 was removed as a required course and moved to electives. This is consistent with the changes made to the A.S. degree (CJE 2000 and CJJ 2001 were both moved to electives). In addition, the requirement to complete PSY 2012 or SYG 2000 has been removed. This will reduce the general education requirement from 18 credit hours to 15 credit hours but will add an addition three credit hours for electives that will give law enforcement officers more opportunities to earn credit for prior learning. Replaced MGF 1130 with the requirement: Math: See Gen. Ed. core requirement; **Effective Date:** Fall 2025 (202610).

**A.S. in Criminal Justice, CPM.....James McDonald**

**Purpose:** CJE 2000 and CJJ 2001 are being removed as required courses in the program and are being moved to electives. This change will create six additional hours of elective space to give the program 15 credit hours of electives. This benefits students in several ways: 1) It allows students who want to complete their 36 hours of General Education to earn an A.A. degree as well as the A.S. degree. 2) The additional credit hours will create more room for students to earn credit for prior learning. 3) This will give A.A. students an opportunity to earn a career credential (i.e., an A.S. degree). MGF 1130 was removed and replaced with a requirement to complete a Math Gen. Ed. core GR course. SLS 1124 was removed and replaced with CCJ 2452, Criminal Justice Administration. In the electives, we've added Math, Humanities, and Social Science Gen. Ed. core/institutional course requirement. Science was added as a Gen. Ed. core requirement as well; **Effective Date:** Fall 2025 (202610).

**Homeland Security Law Enforcement Specialist Certificate,**

**CPM.....James McDonald**

**Purpose:** Homeland Security covers a broad area with a significant overlap with the criminal justice system, and law enforcement in particular. For that reason, this certificate is being modified to expand its scope to include an emphasis on criminal justice subjects, with a specific emphasis on law enforcement, that are relevant to



## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

homeland security. This modification will give students more options in how to tailor the program to match their career goals while continuing to prepare students for jobs in homeland security and criminal justice; **Effective Date:** Fall 2025 (202610).

### **Homeland Security Specialist Certificate, CPM.....James McDonald**

**Purpose:** Homeland Security covers a broad area with a significant overlap with the criminal justice system. For that reason, this certificate is being modified to expand its scope to include an emphasis on criminal justice subjects that are relevant to homeland security. This modification will give students more options in how to tailor the program to match their career goals while continuing to prepare students for jobs in homeland security and criminal justice; **Effective Date:** Fall 2025 (202610).

### **A.S. in Paralegal Studies, CPM.....Cathy Mestre**

**Purpose:** Paralegal faculty and the program's Advisory Committee looked at the program's curriculum to meet workforce needs for our graduates. A major change to the program had not occurred in 20 years. By changing from a two-track program to a single-track, we will enable students to take two PLA electives, rather than one. The electives will further support graduates in their careers as paralegals. We have added a new Immigration course elective. Additionally, we have revised the non-legal specialty courses to better support transfer to a bachelor's degree. We have also added a new legal specialty course--Foundations of Law for Paralegals--to focus on areas of law for paralegals and the consequent practical legal skills. This will replace the theoretical approach in the currently required non-legal specialty courses and electives. These changes were analyzed and approved by the Paralegal Studies Advisory Committee composed of attorneys, judges, and paralegals who advise the program about trends and careers in the legal field; **Effective Date:** Fall 2025 (202610).

### **A.S. in Hospitality and Tourism Mgmt. (Articulated A.S. to B.S. Career Path), CPM.....Craig Rapp**

**Purpose:** We are updating the course number for HFT 2756, Introduction to Theme Park and Attractions Management, to HFT 2390 to match UCF and allow for seamless transfer. Note: you will also see a name change, adding "Risk Management" to the title of HFT 2630 Security Issues and Risk Management in the Hospitality Industry; **Effective Date:** Fall 2025 (202610).

### **B.S. in Electrical and Computer Engineering Technology, CPM...Masood Ejaz**

**Purpose:** General Education requirements are updated. - CET 4190C - DSP is going to become a core course for both concentrations (presented in front of the Program Review Committee to receive feedback from all program constituents). - ETP 4241 - Power Systems is going to replace DSP and become an upper-level course only for Electrical concentration (presented in front of the Program Review Committee to receive feedback from all program constituents). - CET 4382- Data Communication and Networking will replace CET 4542 - Computer Architecture and Data Communication )Dr. Chisholm who is teaching the course for the past few years and have taught both CET 4382 and CET 4542 recommended that we go back to the old course as it offered more value to students. She would also be developing labs for CET 4382. The item was presented in front of the PRC). - Added MAC 2312 as one of the advanced electives.; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **A.S. in Computer Programming and Analysis, CPM.....Lisa Macon**

**Purpose:** Updating the program courses, name, and outcomes to better align with the industry standards;

**Revised Program Title:** A.S. in Computer Programming and Analysis (Software Development); **Effective Date:** Fall 2025 (202610).

### **A.S. in Computer Information Technology, CPM.....Lisa Macon**

**Purpose:** Add new prefix for AI courses, CAI, to list of Computer Information Technology electives; **Effective Date:** Fall 2025 (202610).

### **A.S. in Energy Management and Controls Technology, CPM.....Radu Bunea**

**Purpose:** This modification is for aligning the program with changing industry demands and technological advancements. The curriculum updates are due to ongoing input from industry partners (advisory council), student alumni, and faculty in addressing the current gaps in learning progression and graduation; **Effective Date:** Fall 2025 (202610).

### **A.S. in Nursing (Articulated A.S. to B.S Career Path, CPM.....Diane Gomez**

**Purpose:** Change in acceptable prerequisite courses. Replacement of progression course in term 4; **Effective Date:** Fall 2025 (202610).

### **Nursing, Accelerated Track (Limited Access), CPM.....Diane Gomez**

**Purpose:** Adjustment of prerequisite courses. Correction of Program Outcomes. Adjustment of credit hours; **Effective Date:** Fall 2025 (202610).

### **Bachelor of Science in Nursing, CPM.....Coleen Cox**

**Purpose:** Course title changed. Update Gen Ed; **Effective Date:** Fall 2025 (202610).

### **BSC and Civic Literacy, CPM.....C. Robinson**

**Purpose:** A.S. program BSC and Civic Literacy requirement changes; **Effective Date:** Fall 2025 (202610).

### **B.A.S. in Computing Technology & Software Development (A.S. Program Requirements), CPM.....Lisa Macon**

**Purpose:** Changes which only apply to the AS pathway into the BAS: 1.) remove the humanities requirement. 2.) remove the math or science requirement. 3.) add a sentence that indicates students may choose 6 hours of any general education course; **Effective Date:** Fall 2025 (202610).

### **Health Care Specialist TC, CPM.....Barbara Pierre**

**Purpose:** For students that want to go into any of their programs. Modified to give options to students for different pathways for the different professional programs. Hoping to increase enrollment with these changes; Amending the program to meet the new general education requirements; **Effective Date:** Fall 2025 (202610).

### **A.S. in Health Navigator, CPM.....Barbara Pierre**

**Purpose:** Amending the program to meet the new general education requirements; **Effective Date:** Fall 2025 (202610).

## SUMMARY OF SUBSTANTIVE CATALOG CHANGES FOR 2025-26

### **Semiconductor Cleanroom Maintenance Technician TC, CPM.....N. Hedayat**

**Purpose:** 1. Revise program title. 2. The award of credits to AST transfer students is listed as 12 and should be corrected to 9 credits. 3. Delete ETS 1603C Introduction to Robotics and add CET 2114C Digital Systems; **Revised**

**Program Title:** Semiconductor Cleanroom Operator; **Effective Date:** Fall 2025 (202610).

## PROGRAM DELETIONS

### **Digital Media Development Certificate, CPD.....Dominic DiPaolo**

**Purpose:** The Web Development track in our AS degree is sun setting; **Effective Date:** Fall 2025 (202610).