COLLEGE CURRICULUM COMMITTEE
February 12, 2025
Via Zoom
2:00 – 5:00 p.m.

AGENDA

1. **Welcome to the Committee Members and Visitors.**

2. **Review of Minutes:** January 2024
https://valenciacollege.edu/employees/organizations-committees/college-curriculum-committee/meetings.php

3. **Consent Agenda:** Course modifications or deletions involving minor editing of course descriptions or level changes which do not impact other departments are eligible for placement on the consent agenda. Any members of the committee may request to remove a proposal from the consent agenda for the purpose of discussion.

a) <u>The following course(s) have outlines in Course Information Management that may be accessed through ATLAS (course additions, modifications or deletions):</u>

DES 1051
ECO 2013
EDF 2005
ETS 2160C, ETS 2161C, ETS 2162C, ETS 2163C, ETS 2165C, ETS 2167C, ETS 2940C, ETS 2942
HSC 1004
HUM 2210, HUM 2210, HUM 2230
LIT 1000H

b) <u>The following outlines are being presented as part of the Two-Year Program Review Cycle (outcome changes only):</u>

DEH 1003L, DEH 2300, DEH 2604, DEH 2806L

4. **Regular Agenda:**

2425-159 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).

2425-160 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 is reflected in literature, art, architecture, music, philosophy, religion, and drama. This course includes selections from the western canon; ***Effective Date:*** Fall 2025 (202610).

2425-161 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).

2425-162 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).

2425-163 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).

2425-164 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).

2425-165 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).

2425-166 A.S. in Health Navigator, CPM……Barbara Pierre
Purpose: Amending the program to meet the new general education requirements; **Effective Date:** Fall 2025 (202610).

2425-167 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).

2425-168 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; ***Effective Date:*** Fall 2025 (202610).

2425-169 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).

2425-170 ETS 2163C Semiconductor Fabrication Process, CCA…N. Hedayat
Purpose: Required for new program; ***Credit/Contact/Lab Hours:*** 3/4/2; ***Prerequisites:*** 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).

2425-171 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).

2425-172 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).

2425-173 ETS 2940C Semiconductor Manufacturing Practicum, CCA…N. Hedayat
Purpose: Required for new program; ***Credit/Contact/Lab Hours:*** 3/3/1; ***Prerequisites:*** 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).

2425-174 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).

2425-175 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).

2425-176 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).
Effective Date: Fall 2025 (202610).

2425-177 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).

2425-178 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:*** his 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).

2425-179 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).

2425-180 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 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).

2425-181 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).

2425-182 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).

2425-183 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).

2425-184 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).

2425-185 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).

2425-186 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 in BSC 2094C, NUR 1020C, NUR 1061C, NUR 2522C, NUR 1141C, NUR 2221C, NUR 1470C, NUR 2223C; ***Effective Date:*** Fall 2025 (202610).

2425-187 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).

2425-188 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).

2425-189 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).

2425-190 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).

2425-191 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)

5. **Discussion Items:**

   There are no discussion items for this month's agenda.

6. **Information Items:**

   - The prerequisites for HUN 2202 were changed to include the new required biology courses. They were changed to: Satisfactory completion of all mandated courses in

reading, mathematics, English and EAP; and a minimum grade of C in Honors high school biology or Advanced Placement biology and Honors high school chemistry or Advanced Placement Chemistry; or a minimum grade of C in BSC 1010C or BSC 2085C or BSC 2086C.

- The following description is the approved state required description for POS 2112 and 2112H. The course descriptions were changed after the meeting to adhere to the statute.

  This course provides a systematic introduction to the principles and institutions of American state and local government, with some emphasis on Florida politics. It delves into the structure, functions, and decision-making processes of the 50 states, including instruction on associated founding documents, and the more than 85,000 localities (governments) within those states. This course focuses on 1) the structure of state and local governments, 2) the social and political influences on states and local governments, and 3) the dynamics of administrative processes.

The next meeting of the College Curriculum Committee is scheduled for **March 12, 2025,** and will be a zoom meeting.