



April 25, 2018

TO: THE DISTRICT BOARD OF TRUSTEES
OF VALENCIA COLLEGE

FROM: SANFORD C. SHUGART
President

RE: ADDITIONS, DELETIONS OR MODIFICATIONS OF COURSES & PROGRAMS

RECOMMENDED ACTION:

The President recommends that the District Board of Trustees of Valencia College approve the Additions, Deletions or Modifications of Courses and Programs as presented.

President *Sanford C. Shugart*

COLLEGE CURRICULUM COMMITTEE
March 7, 2018

Minutes

Members Present: Joan Alexander, Beverly Bond, Karen Borglum (Chair), Ana Caldero Figueroa, Amy Comerford, Daniel Diehl, Masood Ejaz, Yolanda Gonzalez, Leann Hudson, Chris Klinger, Lisa Lippitt, John Niss, Adrienne Mathews, Julia Ribley, Cheryl Robinson, Regina Seguin, Raul Valery (Co-Chair), Ravi Varma, Betty Wanielista

Alternates Present: Aida Diaz, Ali Notash, Kristy Pennino, Jerry Reed

Ex-Officio Present: Daniel Barkowitz, Pedro Gonzalez, Ed Holmes, Lisa Macon, Darnell Purcell, Edwin Sanchez, Pat Sebastian

Visitors Present: Cindy Bell, Javier Garces, Deb Hall, Courtney Lewis, Rob McCaffrey, Storm Russo, Bruce Weisenbarger,

Staff Present: Krissy Brissett (Recording), Glenn Ricci

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

John Niss and Raul Valery opened the meeting with a welcome to all attendees.

2. **Review of Minutes February 14, 2018**

(<http://valenciacollege.edu/curriculumcommittee/Minutes.cfm>)

Betty Wanielista's name was added to the list of attendees at the February minutes.

The minutes were approved with the above change.

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) The following course(s) have outlines in Course Information Management that may be viewed in ATLAS:

AOM 1461C

CCJ 2942, CCJ 2943, CCJ 2944

CET 2660C, CET 3136C, CET 4126C, CET 4190C, CET 4370C, CET 4542, CET 4663

DIG 2106C, DIG 2180C, DIG 2562C, DIG 2563C*, DIG 2943

EET 3081C, EET 3086C, EET 3329C

EMS 2522, EMS 2603, EMS 2603L, EMS 2605, EMS 2666L

EGN 3428
ETP 4240C
FAS 2010C
FSS 2054C, FSS 2057C, FSS 2058C, FSS 2059C, FSS 2061C
GEB 2861
GRA 1956C, GRA 2133C, GRA 2151C, GRA 2585C, GRA 2723C
HFT 2942, HFT 2943
HOS 2005, HOS 2941, HOS 2942
MGF 1106H
MMC 2122, MMC 2212, MMC 2450
MUC 2000C
MUM 2645L
PLS 2402C
SON 1002C

BSN 18-19 Program Guide IV

Karen Borglum would like to remove the BSN Program Guide from the agenda as she realized that the curriculum includes an additional science, a health assessment course and statistics. She was under the impression that the ASN would satisfy those requirements but she has been informed that there are graduation requirements for the additional courses which would bring program over 12 hours. Julia explained that they would rather the courses be admission requirements rather than graduation requirements, but the current AS degree doesn't include the courses required by the state board of nursing. The only remedy would be that every foundation course doesn't count towards the degree. Other programs do that. Karen thinks the plan can be approved, but will have to make decisions later about how it is displayed in the catalog and bring those changes as informational.

Various Courses Lab Fee Revision, CCM.....Karen Borglum
Purpose: To update the required lab fee for each course in attached spreadsheet;
Effective date: Fall 2018 (201910).

b)The following outlines are being presented as part of the Two-Year Program Review Cycle:

BUL 2241
AMH 2020

The consent agenda was approved with the above understanding regarding the BSN nursing guide.

4. Regular Agenda

1718-120 Electronics Engineering Technology, A.S., CPM.....Deb Hall

Purpose: Modify curriculum for general education and to create a pathway into the Bachelor of Science in Electrical and Computer Engineering Technology; **Effective Date:** Fall 2018 (201910).

Deb Hall explained that they were struggling with how to address how the degree could work for students going for their AS and for students going for their bachelors. This idea came from Lisa to create a career path and the degree separately. Raul asked if conceptual physics going to be a requirement and he was told that it was not a requirement for the career path. Chris Klinger wondered if the wording was correct and Lisa explained that it really just serves as a disclaimer because students can sometimes get incorrect information from a counselor. Karen stated that the sentence also needs to be listed in the career path.

Proposal 1718-120 was approved by consensus.

1718-133 HSC 1230C Methods Of Patient Care, CCD.....C. Deleo

Purpose: Change course number to SON 1002C; **Effective Date:** Fall 2018 (201910).

1718-134 SON 1002C Methods Of Patient Care, CCA.....C. Deleo

Purpose: Change course number from HSC 1230C; **Catalog Course Description:** Content is designed to provide the basic concepts of patient care including consideration for physical, and psychological, legal, and ethical needs of the patient and family. Routine and emergency patient care procedures are described, as well as infection control procedures using standard precautions. Basic concepts of pharmacology/drug administration and theory and practice of venipuncture techniques are presented. Introduces basic theories, skills, and techniques of quality patient care. Includes communication, assessment skills, aseptic technique, drug administration, emergency situations, and AIDS education. Presents theoretical and practical knowledge to make sound clinical judgments and carry out patient care activities. A minimum grade of C is required to pass this course; **Prerequisites:** Acceptance to Sonography A.S. Degree Program; **Co-requisites:** SON 1000C; **Credit/Contact/Lab Hours:** 2/4/3; **Effective Date:** Fall 2018 (201910).

Beverly Bond explained that they are changing the course so students are more directed to take the SON class. Courses are equivalent. Karen will check if this change needs to be made in the program. It can be done editorially.

Proposals 1718-133 and 1718-134 were approved by consensus.

1718-135 GEB 2861 Business Problems Analysis, CCM.....Storm Russo

Purpose: We would like to add the first line: This course is for A.A. Business pre-majors only. This course is meant for A.A. Business pre-majors. A.S. Business students would not benefit from since the concepts/outcomes are covered in previous A.S. courses;

Revised Catalog Course Description: This course is for A.A. Business pre-majors only. This course will explain business terminology, management functions, marketing applications, and decision making methods. Using data derived from real-world business situations, students will learn to use appropriate spreadsheet software features to organize, analyze, and present data, as well as to make business decisions; **Effective**

Date: Fall 2018 (201910).

Karen explained that the class was approved previously and they want AA students to know that this class is for AA business pre-majors.

Proposal 1718-135 was approved by consensus.

1718-136 Business Administration, A. S., CPM.....Storm Russo/Lee McCain

Purpose: To align program outcomes for assessment; **Effective Date:** Fall 2018 (201910).

The changes are based on a September outcome alignment meeting and they are just cleaning up an aligning the outcomes.

Proposal 1718-136 was approved by consensus.

1718-137 CCJ 2942 Criminal Justice Field Experience I, CCA.....J. McDonald

Purpose: This course is required in the new Criminal Justice Experiential Learning Program for Law Enforcement and Corrections. Students taking this course must be admitted into this limited access track and be currently employed as corrections officers or law enforcement officers for a local or state agency; **Catalog Course Description:** This course is a planned work-based experience where students will demonstrate competencies in practical experiences related to the criminal justice occupational field in which they are currently employed. Students will review and discuss major concepts related to the criminal justice system, criminal law, ethics in criminal justice, and criminology that affect the administration of justice in the U.S. within the context of their occupational field; **Prerequisites:** Admission into the Criminal Justice Experiential Learning Program; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 6/6/0; **Effective Date:** Fall 2018 (201910).

1718-138 CCJ 2943 Criminal Justice Field Experience II, CCA.....J. McDonald

Purpose: A student must complete CCJ 2942 to take this course and be currently employed as a corrections officer or a law enforcement officer for a local or state agency; **Catalog Course Description:** In this planned work-based experience course students will demonstrate competencies in practical experiences related to the criminal

justice occupational field in which they are currently employed. Students will apply and demonstrate major concepts learned in CCJ 2942 within the context of their own occupational duties; **Prerequisites:** Minimum grade of C in CCJ 2942; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 6/6/0; **Effective Date:** Fall 2018 (201910).

1718-139 CCJ 2944 Criminal Justice Field Experience III, CCA.....J. McDonald

Purpose: A student must complete CCJ 2943 to take this course and be currently employed as a corrections officer or a law enforcement officer for a local or state agency; **Catalog Course Description:** In this third and final planned work-based experience course students will continue to demonstrate competencies in practical experiences related to the criminal justice occupation in which they are currently employed. Students will build on what was learned in CCJ 2942 and CCJ 2943 by appraising their own values and behaviors in the performance of their occupational duties; **Prerequisites:** Minimum grade of C in CCJ 2943; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 6/6/0; **Effective Date:** Fall 2018 (201910).

James McDonald explained that the courses will be offered in sequence and are designed to allow students that aren't going to college to earn college credit for the work they are doing. They are creating a way for them to apply the course outcomes to their current work in the field. The idea is that they will get 6 credits and they will have to create an additional assessment tool that their supervisor will have to fill out to show they are completing those competencies at work. They will earn 18 credit hours. Cheryl wondered if there should be clock hours. James explained that he and Karen have already calculated the clock hours. Chris Klinger asked what would happen if they lose their job and James said that students have to show current employment to get credit for the courses. Daniel Barkowitz wondered if they have to be employed fulltime. James stated that they are looking for full time and Daniel recommended that they list that in the program. He stated that it would be listed in the courses.

The prerequisite for CCJ 2943 was changed to: Minimum grade of C in CCJ 2942 and departmental approval.

The prerequisite for CCJ 2944 was changed to: Minimum grade of C in CCJ 2943 and department approval.

Proposals 1718-137 to 1718-139 were approved with the above changes.

1718-140 Criminal Justice Experiential Learning Program - Corrections Officer Track, A.S., CPA.....James McDonald

Purpose: Implementing new A.S. degree tracks for currently employed, certified law enforcement officers and correctional officers; **Effective Date:** Fall 2018 (201910).

The program is limited access and applicants need current certification. James stated that they are going to work out the steps for enrollment. Will be holding orientation sessions and work with a CPA.

Proposal 1718-140 was approved by consensus.

1718-141 Criminal Justice Experiential Learning Program- Law Enforcement Track, A.S., CPA.....James McDonald
Purpose: Implementing new A.S. degree track for currently employed law enforcement officers; **Effective Date:** Fall 2018 (201910).

The program is limited access and applicants need current certification. James stated that they are going to work out the steps for enrollment. Will be holding orientation sessions and work with a CPA.

Proposal 1718-141 was approved by consensus.

1718-142 CET 4370C Advanced Programming Applications, CCA.....Masood Ejaz
Purpose: An advanced programming application course based on Python language, which is in high demand in industry, for the Computer Systems concentration under BSECET program that will fill up the void created by the combination of two upper-level CS concentration courses into one; **Catalog Course Description:** In this course, students will learn Python programming language to implement numerical and engineering applications; **Prerequisites:** EGN 3428 and CET 3464C; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/1; **Effective Date:** Fall 2018 (201910).

The course was missing the C designation and the credit/class/lab hours were listed incorrectly and the correct hours are reflected in the minutes.

The prerequisites were changed to: Minimum grades of C in EGN 3428 and CET 3464C.

Proposal 1718-142 was approved with the above change.

1718-143 CET 4542 Computer Architecture and Data Communication, CCA Masood Ejaz

Purpose: A new course that is a combination of two existing upper-level courses in Computer systems concentration. Combining important topics from two courses (CET4333 & CET 4382) into a single course is done with the help of faculty teaching the existing courses and it made way for a new 3-credit course that will make computer systems curriculum stronger and more relevant; **Catalog Course Description:** A study of computer organization and architecture, architectural performance issues, different layers in a computer network, and processes related to each one of them. Design and performance of computer architectures and networks will be analyzed through

mathematical techniques; **Prerequisites:** CET 2113C and CET 2123C and EGN 3428; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/0; **Effective Date:** Fall 2018 (201910).

The prerequisites were changed to: CET 2113C and CET 2123C and a minimum grade of C in EGN 3428.

Proposal 1718-142 was approved with the above change.

1718-144 CET 2660C Linux Networking and Security, CCM.....Wael Yousif
Purpose: Change the prerequisites from CET 2179C and CET 2486C to COP1000C and CET 2486C; **Revised Prerequisites:** COP 1000C and CET 2486C; **Effective Date:** Fall 2018 (201910).

Proposal 1718-144 was approved by consensus.

1718-145 CET 3136C Logic Devices Programming, CCM.....Masood Ejaz
Purpose: (i) Changed the prerequisite to the correct one (ii) Reduced credit hours to three to offset increase of one credit hour in two of the core courses (iii) Included missing 'evidence of learning' and 'TVCA'; **Revised Credit/Contact/Lab Hours:** 3/4/2; **Effective Date:** Fall 2018 (201910).

Proposal 1718-145 was approved by consensus.

1718-146 CET 4126C Microprocessor Programming, CCM.....Masood Ejaz
Purpose: Changing credits to three to offset increase of one hour in two of the core courses; **Revised Credit/Contact/Lab Hours:** 3/4/2; **Effective Date:** Fall 2018 (201910).

Proposal 1718-146 was approved by consensus.

1718-147 CET 4190C Digital Signal Processing, CCM.....Masood Ejaz
Purpose: Changing credit hours to three to offset the increase of credit hours in two of the core courses; **Revised Credit/Contact/Lab Hours:** 3/4/1; **Effective Date:** Fall 2018 (201910).

Proposal 1718-147 was approved by consensus.

1718-148 CET 4663 Computer and Network Security, CCM.....Masood Ejaz
Purpose: (i) Prerequisites updated (ii) Evidence of learning added; **Revised Prerequisites:** CET2123C and EGN3428; **Effective Date:** Fall 2018 (201910).

The prerequisites were changed to: CET 2123C and a minimum grade of C in EGN 3428.

Proposal 1718-148 was approved with the above change.

1718-149 EET 3081C Circuit Analysis I, CCA.....Masood Ejaz

Purpose: A new course replacing EET1025C (AC Circuits) for the students admitting into the program under AA track. Since EET1036C (DC/AC Circuits combined course) is no longer offered by the EET department, students are spending at least one more semester to graduate. This new course will combine DC concepts and introduce AC concepts, using more complex circuits that will better prepare students to go to the next course EET 3086C - Circuit Analysis (currently Circuit Analysis) in addition to saving them at least one semester; **Catalog Course Description:** This course introduces students to the principles and techniques required to analyze electrical circuits. Students will gain an in-depth understanding and hands-on experience with circuit simulator and laboratory projects; **Prerequisites:** MAC 2312 and CET 3464C; **Co-requisites:** CET 3464C; **Credit/Contact/Lab Hours:** 3/4/1; **Effective Date:** Summer 2018 (201830).

It was explained that this is a new course for AA students. It will preplace AC Circuit and some DC circuit concepts. It will save students a semester of coursework.

The course Credit/Class/Lab Hours were listed incorrectly and the correct hours are reflected in the minutes. Also they would like to offer this course in the summer. The correct effective date is reflected in the minutes.

The prerequisites were changed to: MAC 2312 and a minimum grade of C in CET 3464C.

CET 3464C can be a pre or a co-requisite.

Proposal 1718-149 was approved by consensus.

1718-150 EET 3086C Circuit Analysis, CCM.....Masood Ejaz

Purpose: Name change due to the introduction of a new course 'EET 3081C - Circuit Analysis I', which will be one of the prerequisites to this course 2. Increase in credit hours from 3 to 4 based on the depth of the course and work that students are required to perform in the course. This increase is offset by the decrease of credit hours in one of the upper-level courses under both concentrations, hence, total credit hours of the program are unchanged. 3. Increase in contact hours from 4 to 5 to meet with students one more hour each week to properly cover all the topics of the course and solve more problems to help them better understand concepts that ensure their success in the course. Currently, instructors struggle to cover all the required topics and success rate is very low; **Revised Course Title:** Circuit Analysis II; **Revised Credit/Contact/Lab Hours:** 4/5/2; **Revised Prerequisites:** EET 1025C or EET 1036C or minimum grade grades of C in EET 3081C and minimum grades of C in CET 3464C and EGN 3428; **Effective Date:** Fall 2018 (201910).

Proposal 1718-150 was approved by consensus.

1718-151 EET 3329C Communication Systems, CCM.....Masood Ejaz

Purpose: Prerequisite change since EET 2325C will not be required anymore starting Fall 2018; **Revised Prerequisites:** A minimum grade of C in EGN 3428 and EET 3086C; **Effective Date:** Fall 2018 (201910).

Proposal 1718-151 was approved by consensus.

1718-152 EGN 3428 Engineering Mathematical Analysis, CCM.....Ali Notash

Purpose: Increasing from 3 to 4 course credit hours to align with submitted program modifications; **Revised Credit/Contact/Lab Hours:** 4/4/0; **Revised Catalog Course Description:** Advanced mathematical concepts and methods needed to solve engineering and engineering technology problems. Topics include First- and higher-order differential equations, Laplace transforms, linear algebra, and matrix analysis, Fourier series and transforms, Complex numbers, variables, and functions; **Effective Date:** Fall 2018 (201910).

Proposal 1718-152 was approved by consensus.

1718-153 ETP 4240C Power Electronics, CCM.....Masood Ejaz

Purpose: Reducing course credit hours to three to make up one credit hour increased in one of the core courses; **Revised Credit/Contact/Lab Hours:** 3/4/2; **Effective Date:** Fall 2018 (201910).

The Credit/Contact/Lab Hours were changed to: 3/4/1

Proposal 1718-153 was approved with the above change.

1718-154 Network Administration Certificate, CPM.....Wael Yousif

Purpose: Deleting A+ Software CET 2179C. Deleting Configuring Advanced Windows Server CET 2794C. Deleting Electives. Adding Intro to Programming Concepts COP 1000C. Adding Identity Security CNT 2417C. Adding Computer Virtualization Technology CET 2544C; **Effective Date:** Fall 2018 (201910).

Proposal 1718-154 was approved by consensus.

1718-155 Network Infrastructure Certificate, CPM.....Wael Yousif

Purpose: Delete CET 2179C A+ Software. Add COP 1000C Introduction to Programming Concepts; **Effective Date:** Fall 2018 (201910).

Proposal 1718-155 was approved by consensus.

1718-156 Network Support Certificate, CPM.....Wael Yousif

Purpose: Delete A+ Software CET 2179C. Add Identity Security CNT2417C; **Effective Date:** Fall 2018 (201910).

Proposal 1718-156 was approved by consensus.

1718-157 B.S. in Electrical and Computer Engineering Technology (A.A. Program Requirements), CPM.....Masood Ejaz
Purpose: (i) Adopting ABET ETAC PLOs (ii) Deleting 'Lasers and Photonics' concentration (iii) Moving CET 4367C (Microcontroller Devices) to the core courses since it is a common course between Electrical and Computer Systems concentration, the only two concentrations left now. (iv) Introducing two new courses under Computer Systems concentration. One course is a combination of two existing courses and the other course will fill in the void left due to this combination (v) Introducing a new course, EET 30XXC (Circuit Analysis I) in place of EET 1025C for AA track students under 'Technical Requirements' (vi) Replacing EET 2325C (RF Communication) with ETS 2542C (PLC) under 'Technical Requirements' (vii) Changing credit hours to all 'Advanced Technical Requirements' to 3 credits (viii) Adding 1 more credit hour to EET 3086C and EGN 3428 each due to the comprehensive nature of these courses. Note that total hours of the program will not change and they will still be 130. Increase of 2 hours is offset by decrease of two hours in 'Advanced technical requirements' (ix) Deleting list of 'Advanced Technical Electives' and replacing it with a general description; **Effective Date:** Fall 2018 (201910).

Proposal 1718-157 was approved by consensus.

1718-158 B.S. in Electrical and Computer Engineering Technology (A.S. Program Requirements), CPM.....Masood Ejaz
Purpose: (i) Adopting ABET ETAC PLOs (ii) Deleting 'Lasers and Photonics' concentration (iii) Moving CET 4367C (Microcontroller Devices) to the core courses since it is a common course between Electrical and Computer Systems concentration, the only two concentrations left now. (iv) Introducing two new courses under Computer Systems concentration. One course is a combination of two existing courses and the other course will fill in the void left due to this combination (v) Changing credit hours to all 'Advanced Technical Requirements' to 3 credits (vi) Adding 1 more credit hour to EET 3086C and EGN 3428 each due to the comprehensive nature of these courses. Note that total hours of the program will not change and they will still be 130. Increase of 2 hours is offset by decrease of two hours in 'Advanced technical requirements' (vii) Deleting list of 'Advanced Technical Electives' and replacing it with a general description (viii) Trying to write Gen Ed requirements in a way that may be better understandable for students; **Effective Date:** Fall 2018 (201910).

Proposal 1718-158 was approved by consensus.

1718-159 AOM 1461C Introduction to Sustainable Agriculture, CCA.....J. Garces
Purpose: This new course will be part of the new specialization in Sustainable Agriculture under our current A.S. degree in Plant Science and Agricultural Technology;
Catalog Course Description: Principles, concepts, and techniques of organic and

sustainable production of crops, covering biological, social, and economic components of organic and sustainable farming systems; including soil and water management, cultural practices, pest control, harvest and post-harvest handling, marketing of organic products, and organic agriculture policy and regulation. Begins with a brief history of agriculture from its original inception, to the Green Revolution in the mid-1900s, to the current push for sustainability in its various forms; **Prerequisites:** None; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/1; **Effective Date:** Fall 2018 (201910).

The last sentence of the course description was changed to: Begins with a brief history of agriculture from its original inception, to the Green Revolution in the mid-20th century, to the current push for sustainability in its various forms.

Proposal 1718-159 was approved with the above change.

1718-160 FAS 2010C Principles of Aquaculture, CCA.....J. Garces

Purpose: This is one of the new courses we are adding for a new specialization in Sustainable Agriculture. It will utilize our roof-top aquaponic facility; **Catalog Course Description:** Provides an overview of the field of aquaculture, including water quality, production systems, nutrition, spawning, and the common fish and invertebrate groups cultured in the United States. The purpose of this course is to develop an understanding of commonly used culture systems, to become familiar with the fundamentals of fish and shellfish husbandry, and to gain an appreciation of aquaculture's roles in natural resource management, the human food supply, and the global economy. Labs will include hands-on management of an aquaculture system; **Prerequisites:** None; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/1; **Effective Date:** Fall 2018 (201910).

Proposal 1718-160 was approved by consensus.

1718-161 HOS 2005C Principles of Hydroponics, CCA.....J. Garces

Purpose: New course for the new specialization in Sustainable Agriculture under our current A.S. degree. Will utilize the roof-top aquaponic facility; **Catalog Course Description:** Basic concepts in hydroponic agricultural production including types of media, irrigation, fertilization, pest/disease management, advantages/disadvantages, and production methods for various crops will be covered. A brief history of hydroponic production will be described as well as the potential future for this type of production method. Labs will include hands-on activities establishing and managing specific crops utilizing these types of growing systems throughout the semester; **Prerequisites:** None; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/1; **Effective Date:** Fall 2018 (201910).

Proposal 1718-161 was approved by consensus.

1718-162 PLS 2402C Principles of Aquaponics, CCA.....J. Garces

Purpose: This new course will be part of the new Specialization in Sustainable Agriculture as well as the corresponding technical certificates; **Catalog Course Description:** Principles and practical application of an aquaponics production system. Students will be introduced to the history as well as a variety of system designs that maintain water quality by various solids removal techniques. Also covered will be fish production, plant production, economics and fingerling production. Labs include implementing and maintaining a production plan for various plant and fish combos; **Prerequisites:** None; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/1; **Effective Date:** Fall 2018 (201910).

Proposal 1718-162 was approved by consensus.

**1718-163 HOS 2941 Internship Exploration in Landscape/Horticulture, CCM
.....Javier Garces**

Purpose: We are removing the pre-requisite of courses including biology; **Revised Prerequisites:** None; **Effective Date:** Fall 2018 (201910).

The prerequisites were changed to: Satisfactory completion of all mandated courses in Reading, Mathematics, English and English for Academic Purposes; a minimum 2.0 institutional or overall GPA.

Proposal 1718-163 was approved with the above change.

**1718-164 HOS 2942 Internship in Landscape/Horticulture, CCM
.....Javier Garces**

Purpose: Removal of the pre-requisites for this course; **Revised Prerequisites:** None; **Effective Date:** Fall 2018 (201910).

The prerequisites were changed to: Satisfactory completion of all mandated courses in Reading, Mathematics, English and English for Academic Purposes; a minimum 2.0 institutional or overall GPA.

Proposal 1718-164 was approved with the above change.

1718-165 A.S. in Plant Science and Agricultural Technology, CPM.....Javier Garces
Purpose: Add SLS 1122, modify elective hours; **Effective Date:** Fall 2018 (201910).

There was a discussion about the wording in the program about the degree transferring to any state college. Karen will review that wording and make the appropriate change.

Proposal 1718-165 was approved with the above understanding.

1718-166 EMS 2522 Emergency Pharmacology, CCA.....Bruce Weisenbarger

Purpose: This course will increase the comprehension of course content and improve student success; **Catalog Course Description:** Emergency pharmacology is the study of the administration of intravenous fluids and emergency intravenous medicinal therapy. Includes pharmacology of medications used in management of persons suffering both acute and chronic medical, behavioral and toxicological emergencies in the prehospital environment. Includes the knowledge and skills required for safe, effective administration of therapeutic medications and the indications and contraindications associated with medication therapy; **Prerequisites:** EMS 1010 and State of Florida Emergency Medical Technician Certification and acceptance to Paramedic Certificate program; **Co-requisites:** EMS 2603, EMS 2603L, EMS 2666L; **Credit/Contact/Lab Hours:** 2/2/0; **Effective Date:** Fall 2018 (201910).

Bruce explained that they are taking 2 credit hours from EMS 2605 to create this course so it's no longer taught over 5 days and will be spread over 15 weeks. BSC 1084 is no longer active, but it is equivalent to EMS 1010.

Proposal 1718-166 was approved by consensus.

1718-167 EMS 2603 Paramedic I, CCM.....Bruce Weisenbarger

Purpose: Improve student comprehension of course content and improve student success; **Revised Prerequisites:** EMS 1010 or BSC 1084 and State of Florida Emergency Medical Technician Certification and acceptance to Paramedic Certificate program; **Revised Co-Requisites:** EMS 2603L, EMS 2666L, EMS 2522; **Revised Catalog Course Description:** EMS 2603 is the first course in the sequence necessary for completion of the Paramedic Certificate curriculum. The course is designed to reinforce concepts and clinical skills learned at the EMT level and to integrate this knowledge with beginning advanced life support concepts and skills. Emphasis is placed on EMS Systems, illness and injury prevention, medical-legal issues, patient assessment, airway management and ventilation, pathophysiology, shock, abuse and assault, challenged patients, operational issues and decision making regarding appropriate interventions for identified problems. This course includes Modules 1, 2 and 3 of the DOT National Standard Curriculum for Paramedic Program; **Effective Date:** Fall 2018 (201910).

Proposal 1718-167 was approved by consensus.

1718-168 EMS 2603L Paramedic I Laboratory, CCM.....Bruce Weisenbarger

Purpose: Change to co-requisites and added syllabus; **Revised Co-Requisites:** EMS 2603 and EMS 2666L and EMS 2522; **Effective Date:** Fall 2018 (201910).

Proposal 1718-168 was approved by consensus.

1718-169 EMS 2605 Paramedic III, CCM.....Bruce Weisenbarger

Purpose: Redistribution of credit hours to improve student success; **Revised Credit/Contact/Lab Hours:** 3/3/0; **Revised Catalog Course Description:** EMS 2605 is the

third course in the sequence necessary for completion of the Paramedic Program. The course is designed to reinforce and expand upon the materials and clinical skills learned at the EMT, and Paramedic I and II levels and to integrate prior learning with enhanced advanced life support concepts and skills. Emphasis is placed on patient assessment and recognition of significant findings, pre-hospital differential diagnosis and treatment strategies, pathophysiology, gynecologic emergencies, obstetrical emergencies, neonatal emergencies, pediatric emergencies, and geriatric emergencies. This course includes Modules 6, and 7 of the DOT National Standard Curriculum for Paramedic Program; **Effective Date:** Fall 2018 (201910).

Proposal 1718-169 was approved by consensus.

1718-170 EMS 2666L Paramedic I Clinical, CCM.....Bruce Weisenbarger
Purpose: Change to co-requisites and added syllabus; **Revised Co-Requisites:** EMS 2603 and EMS 2603L and EMS 2522; **Effective Date:** Fall 2018 (201910).

Proposal 1718-170 was approved by consensus.

1718-171 Paramedic Technology Certificate, CPM.....Bruce Weisenbarger
Purpose: Course added to curriculum and hours changed to accommodate the addition; **Effective Date:** Fall 2018 (201910).

Proposal 1718-171 was approved by consensus.

1718-172 MMC 2122 Media Convergence, CCA.....Courtney Lewis
Purpose: The East Campus Communications Department will soon propose a new A.S. Degree in New Media Communications. If approved, this course fills a gap found in existing course curriculum. In this course, students will learn how to tell a single cohesive story across multiple digital platforms; **Catalog Course Description:** This course will examine the nature of old media as it converges with new media, while surveying usage of social media tools and technology for brand innovation. Students will study the relevance and importance of social media tools for new and emerging processes. Students will compare the changes to new media communication processes in a new economy that includes interactive technology that engages the public in dramatically different ways from the past. While completion of ENC1101 is not required before taking this course, it may provide a foundation to help increase the student's success in this course; **Prerequisites:** None; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/0; **Effective Date:** Fall 2018 (201910).

Courtney Lewis explained that they are reviving the Valencia Voice and hoping to translate that into an associate's degree called New Media Communication. The degree will look at how media is converging in an online space. They will be teaching students how telling stories over multiple platforms converge in one place. Ana asked why ENC 1101 was not a prerequisite and Courtney explained that it was not a writing intensive

course, but ENC 1101 will be included in their technical certificate in the future. Also, their Writing for Social Media course will have ENC 1101 as a prerequisite. Karen stated that we don't typically put General Education courses into technical certificates.

The prerequisite was changed to: Recommend ENC 1101, or ENC 1101H, or IDH 1110

Proposal 1718-172 was approved by consensus.

1718-173 MMC 2212 Communications Law and Ethics, CCA.....Courtney Lewis

Purpose: The East Campus Communications Department is soon to propose a new A.S. degree in New Media Communications. If approved, this course will fill a gap in the existing course curriculum. In this course students will learn the founding principles of the U.S. Constitution and how it grounds our laws and ethics in today's new media society; **Catalog Course Description:** This course will examine key ethical and legal principles related to mass communications. Students will read, evaluate and analyze ethical and legal case studies as well as look closely at First Amendment, legal access to information, plagiarism, libel, right of privacy, defamation, photo manipulation, trademarks, open meeting and records and the implications of recent developments in mass media law and ethics specifically related to social media. Students will explore the impact of the internet and social media on communications, investigate how new technologies are regulated today, and enhance student awareness of the ethical responsibilities of the social media professional. While completion of ENC1101 is not required before taking this course, it may provide a foundation to help increase the student's success in this course; **Prerequisites:** None; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/0; **Effective Date:** Fall 2018 (201910).

Courtney explained that this course will also be included in the new degree and is a refresher on the constitution and the amendments.

There was a discussion about removing the last sentence of the course description and Cheryl Robinson recommended making ENC 1101 a recommended prerequisite.

Proposal 1718-173 was approved by consensus.

1718-174 MMC 2450 Data Literacy for Communicators, CCA.....Courtney Lewis

Purpose: The East Campus Communications Department will soon propose a new A.S. degree in New Media Communications. This course is designed to fill the gap in current available course offerings and if approved, students will learn how to use data to drive decision making in social media planning; **Catalog Course Description:** This course will examine existing media analytical tools and their role in managing social media campaigns. This course will provide an opportunity for the student to become literate about data management and how to use numbers and avoid common mistakes. While completion of the first freshman mathematics course is not required before taking this course, it may provide a foundation to help increase the student's success in this course.

This course is designed to showcase the virtually unlimited opportunities that exist today to leverage the power of social media. Students will focus on social media initiatives, metrics to capture relevant outcomes, and predictive analysis to link social media chatter to performance; **Prerequisites:** None; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/0; **Effective Date:** Fall 2018 (201910).

Cheryl asked that they reconsider the wording regarding Math in the third sentence of the course description.

Adrienne Matthews wondered if someone would need a JD to teach the ethics course. Courtney stated that they would just need to be credentialed to teach MMC courses.

The prerequisite was changed to: Recommend STA 1001C or higher statistics course

Proposal 1718-174 was approved with the above change.

1718-175 GRA 1956C Phoenix Design Project, CCM.....Kristy Pennino
Purpose: students are needing more advanced typographic design and layout design skills before attempting this course; **Revised Prerequisites:** A minimum grade of C in GRA 1206C or department approval; **Effective Date:** Fall 2018 (201910).

Proposal 1718-175 was approved by consensus.

1718-176 GRA 2133C Intermediate Web Design, CCM.....Kristy Pennino
Purpose: students are needing stronger skills in CSS design and coding skills prior to attempting this course (which combines html and CSS coding); **Revised Prerequisites:** Minimum grade of C in GRA 2141C and GRA 2723C or department approval; **Effective Date:** Fall 2018 (201910).

Proposal 1718-176 was approved by consensus.

1718-177 GRA 2151C Illustrating, CCM.....Kristy Pennino
Purpose: the description of this course was antiquated and needing updating. older course prerequisites (from a bygone era, that no longer exist) were needing to be removed; **Revised Prerequisites:** ART 1300C and a minimum grade of C in GRA 1142 or department approval; **Revised Catalog Course Description:** A basic course in the application of various traditional (non-computer) illustration styles, materials, and techniques used to visually communicate; **Effective Date:** Fall 2018 (201910).

Proposal 1718-177 was approved by consensus.

1718-178 GRA 2585C User Interface Design, CCM.....Kristy Pennino
Purpose: two prerequisites were removed from this course to encourage students to take the course sooner and to prevent any bottleneck in their degree progress; **Revised**

Prerequisites: Minimum grade of C in GRA 1751 or departmental approval; **Effective Date:** Fall 2018 (201910).

Proposal 1718-178 was approved by consensus.

1718-179 GRA 2723C CSS Design, CCM.....Kristy Pennino
Purpose: a prerequisite was removed from this course to encourage students to take it sooner, to remove any bottleneck in their degree progress, and to allow students to take this course while taking GRA 2141C web page design; **Revised Prerequisites:** Minimum grade of C in DIG 2100C or department approval.; **Effective Date:** Fall 2018 (201910).

Proposal 1718-179 was approved by consensus.

1718-180 Graphic Design Production Certificate, CPM.....Kristy Pennino
Purpose: We are noticing fewer students earning this technical certificate due to the inclusion of GRA 2141C Web Page Design as a requirement. This TC is meant to focus primarily on graphic design skills for the print environment, however, GRA 2141C requires quite a bit of web coding. Additionally, GRA 2141C has added a hidden prerequisite to the TC that also requires web coding skills. We are proposing the GRA 2141C Web Page Design requirement be replaced with GRA 2585C User Interface Design, which teaches similar fundamentals, but does not require students learn code; **Effective Date:** Fall 2018 (201910).

Kristy explained that through data they found that fewer students are earning this certificate than others. One course in the program was discouraging many print focused students so they are going to require GRA 2585C instead. Makes it more viable to earn the certificate. Some attendees wondered why not make it a recommended prerequisite and Kristy explained that some students are required to take it.

Proposal 1718-180 was approved by consensus.

1718-181 DIG 2180C Intermediate Client-Side Programming, CCA..R. McCaffrey
Purpose: We are spreading out course content current in Intro to Web Programming and Advanced Client-side Programming into 3 courses. This should allow us to cover topics more thoroughly and allow for deeper student understanding; **Catalog Course Description:** This course builds upon foundational skills learned in Intro to Web Programming. Students create independent development work using Intermediate aspects of JavaScript; **Prerequisites:** Minimum grade of C in either DIG 1102C or COP 1000; AND minimum grade of C in either DIG 2100C or COP 2282; or department approval; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/4/1; **Effective Date:** Fall 2018 (201910).

Proposal 1718-180 was approved by consensus.

1718-182 DIG 2562C Introduction to Content Management Systems, CCA
.....R. McCaffrey

Purpose: Adding this course in response to industry demand and student interest;
Catalog Course Description: Introduces concepts for the design and development of industry standard applications using Content Management Systems. Students will learn the basics of an industry-standard Content Management System along with beginning to intermediate level coding using common web development languages; **Prerequisites:** Minimum grades of C in both DIG 1108C and DIG 1940; or department approval; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/4/1; **Effective Date:** Fall 2018 (201910).

Proposal 1718-182 was approved by consensus.

1718-183 DIG 2564C Advanced Content Management Systems, CCA
.....R. McCaffrey

Purpose: Adding this course in response to industry demand and student interest.;
Catalog Course Description: Using industry-standard authoring software and scripting languages, students author an advanced interactive application using a Content Management System through various stages of development with emphasis on optimizing and debugging; **Prerequisites:** Minimum grades of C in DIG 2562C or department approval; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/4/1; **Effective Date:** Fall 2018 (201910).

Proposal 1718-183 was approved by consensus.

1718-184 DIG 2106C Advanced Client-Side Programming, CCM...Rob McCaffrey

Purpose: Pre-req change and correction of class duration; **Revised Prerequisites:** Minimum grade of C in either DIG 2180C; or department approval; **Effective Date:** Fall 2018 (201910).

Proposal 1718-184 was approved by consensus.

1718-185 DIG 2943 Internship in Digital Media, CCM.....Rob McCaffrey

Purpose: Add syllabus, modify prerequisites; **Revised Prerequisites:** Satisfactory completion of all mandated courses in reading, math, English, & EAP; a min. 2.0 institutional or overall GPA; and 12 credits, including a minimum grade of C in DIG 2291C or DIG 2822C or DIG 2950C or DIG 2106C. The Program Dir./Prog. Chair/Prog. Coord. or IPO has the discretion to provide override approval as it relates to the waiver of required prog./discipline-related courses; **Effective Date:** Fall 2018 (201910).

Proposal 1718-185 was approved by consensus.

1718-186 Digital Broadcast Production Certificate, CPM.....Rob McCaffrey

Purpose: Updating program outcomes. Typo edit adding * to DIG 2822C; **Effective Date:** Fall 2018 (201910).

Proposal 1718-186 was approved by consensus.

1718-187 Digital Video Editing and Post-Production Certificate, CPM.R. McCaffrey
Purpose: Updating program outcomes; **Effective Date:** Fall 2018 (201910).

Proposal 1718-187 was approved by consensus.

1718-188 Digital Media Development Certificate, CPM.....Rob McCaffrey
Purpose: Update program outcomes. Typo edit adding * to DIG 1108C; **Effective Date:** Fall 2018 (201910).

Proposal 1718-188 was approved by consensus.

1718-189 Digital Media Video Production Certificate, CPM.....Rob McCaffrey
Purpose: updating program outcomes; **Effective Date:** Fall 2018 (201910).

Proposal 1718-189 was approved by consensus.

1718-190 Digital Media Web Production Certificate, CPM.....Rob McCaffrey
Purpose: updated courses. typo adding * to DIG 2941 and DIG 2500C; **Effective Date:** Fall 2018 (201910).

Proposal 1718-190 was approved by consensus.

1718-191 Digital Video Fundamentals Certificate, CPM.....Rob McCaffrey
Purpose: updating program outcomes; **Effective Date:** Fall 2018 (201910).

Proposal 1718-191 was approved by consensus.

1718-192 Webcast Technology Certificate, CPM.....Rob McCaffrey
Purpose: This optimizes the list of program level outcomes; **Effective Date:** Fall 2018 (201910).

Proposal 1718-192 was approved by consensus.

1718-193 Digital Media Technology, A. S., CPM.....Rob McCaffrey
Purpose: This optimizes the list of program level outcomes; **Effective Date:** Fall 2018 (201910).

Rob McCaffrey explained that they added 2180C to the list of intermediate courses under the Web Specialization and DIG 2106C was moved to the advanced courses. They also reduced the electives to 5 hours and added DIG 2562C and DIG 2564C to the list of electives.

Proposal 1718-193 was approved by consensus.

1718-194 FSS 2054C Cookies, Tarts and Friandises, CCM.....Kenneth Bourgoin

Purpose: Like the change justifications made in the course outline forms we are upgrading the hours to better serve the pedagogy in the cookies class. Revise prerequisites; **Revised Credit/Contact/Lab Hours:** 3/6/5; **Revised Prerequisites:** FSS 1052C; **Effective Date:** Fall 2018 (201910).

Kenneth Bourgoin explained that they did not have enough time in class to cover everything they needed to. The chefs wanted more time to discuss more of the science and more of the math involved.

Proposal 1718-195 was approved by consensus.

**1718-195 FSS 2057C Individual and Production Pastries, CCM
.....Kenneth Bourgoin**

Purpose: Modify course hours, modify co-requisites; **Revised Credit/Contact/Lab Hours:** 3/6/5; **Revised Co-Requisites:** FSS 2056C; **Effective Date:** Fall 2018 (201910).

Kenneth Bourgoin explained that they did not have enough time in class to cover everything they needed to. The chefs wanted more time to discuss more of the science and more of the math involved.

Chris wondered if the additional time will cause scheduling issues. Kenneth said that it would not and they did a survey of the students and they are happy with the changes.

FSS 2056C will be modified to add FSS 2057C as a co-requisite.

Proposal 1718-195 was approved by consensus.

**1718-196 FSS 2058C Confectionary Art and Principles of Design, CCM
.....Kenneth Bourgoin**

Purpose: The course modification is mentioned in the course outline modification. Attached is the adjusted syllabus. To aggregate student learning is our main focus. There is insufficient time to accomplish critical thinking in the baking subjects stated in the present time allotted. Everything in this modification is up to date; **Revised Credit/Contact/Lab Hours:** 3/6/5; **Effective Date:** Fall 2018 (201910).

Kenneth Bourgoin explained that they did not have enough time in class to cover everything they needed to. The chefs wanted more time to discuss more of the science and more of the math involved.

Proposal 1718-196 was approved by consensus.

1718-197 FSS 2059C Chocolates and Confections, CCM.....Kenneth Bourgoin
Purpose: Revise credit hours. Revise prerequisites; **Revised Credit/Contact/Lab Hours:** 3/6/5; **Revised Prerequisites:** None; **Effective Date:** Fall 2018 (201910).

Kenneth Bourgoin explained that they did not have enough time in class to cover everything they needed to. The chefs wanted more time to discuss more of the science and more of the math involved.

Proposal 1718-197 was approved by consensus.

**1718-198 FSS 2061C Basic and Classical Cakes and Pastries, CCM
.....Kenneth Bourgoin**
Purpose: We are upgrading the hours to better serve the pedagogy in the Basic and Classical Cakes class; **Revised Credit/Contact/Lab Hours:** 3/6/5; **Effective Date:** Fall 2018 (201910).

Kenneth Bourgoin explained that they did not have enough time in class to cover everything they needed to. The chefs wanted more time to discuss more of the science and more of the math involved.

Proposal 1718-185 was approved by consensus.

1718-199 HFT 2942 Internship in Hospitality and Tourism, CCM...C. Rapp
Purpose: Update prerequisites; **Revised Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; 12 credits including HFT 1000 and either HFT 1410 or HFT 2254 or FSS 2251 and program director's approval; **Effective Date:** Fall 2018 (201910).

The prerequisite was changed to add the approval of the Internship Placement Office: Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; 12 credits including HFT 1000 and FSS 2251. The Program Director/Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses.

Proposal 1718-199 was approved with the above change.

1718-200 HFT 2943 Internship in Restaurant Management, CCM...C. Rapp
Purpose: Update prerequisites; **Revised Prerequisites:** Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; 12 credits including HFT 1000 and FSS 2251; and program director's approval; **Effective Date:** Fall 2018 (201910).

The prerequisite was changed to include the approval of the Internship Placement Office: The Program Director/Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses.

Proposal 1718-200 was approved with the above change.

1718-201 MGF 1106H College Mathematics -Honors, CCA.....John Niss

Purpose: This course will give another appropriate General Education Mathematics choice to students in the Valencia College Honors Program; **Catalog Course Description:** Same as MGF 1106. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Prerequisites:** Minimum grade of C in MAT 0018C or higher or appropriate score on an approved assessment; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 3/3/0; **Effective Date:** Fall 2018 (201910).

MGF 1106H needs to be added to the list of General Education Math courses.

Proposal 1718-201 was approved by consensus.

1718-202 MUC 2000 Composition and Songwriting, CCD.....Raul Valery

Purpose: This course is being replaced by the same course, but adding the "C" suffix because of the lab component; **Effective Date:** Fall 2018 (201910).

1718-203 MUC 2000C Composition and Songwriting I and II, CCA...Raul Valery

Purpose: Updating outline and replacing outdated prerequisite, change course number from MUC 2000 to MUC 2000C; **Catalog Course Description:** A study of the basic elements of music composition through analysis, student projects, and listening assignments. Composition and Songwriting II is a continuation of the study of these elements; **Prerequisites:** Minimum grade of C in MUT 1011 or MUT 1111; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 2/3/2; **Effective Date:** Fall 2018 (201910).

Raul explained that the course is only required for the AS in Music Production Specialization.

The following sentence was added to the end of the course description: This course may be repeated one time for a maximum of 4 credit hours, but grade forgiveness cannot be applied.

Proposal 1718-202 and 203 were approved by consensus.

1718-204 MUM 2645L Introduction to Mastering, CCA.....Raul Valery

Purpose: Recommendation of Advisory Committee and documented industry demand; **Catalog Course Description:** An introduction to the techniques for the preparation of audio masters for publication in different formats, including analog mastering for vinyl

records, and digital masters for High definition formats such as iTunes, ALAC and Flac; and for low definition and lossy formats such as audio CDs, audio streams and MPEG audio (MP3, etc.); **Prerequisites:** MUM 2600C; **Co-requisites:** None; **Credit/Contact/Lab Hours:** 1/2/2; **Effective Date:** Fall 2018 (201910).

Raul explained that this course was recommended by their advisory committee and there is a documented industry need. Also, they now have a Mastering Lab so they can now accommodate the large demand they have for students who have completed this course.

The course title was changed to Mastering Techniques.

Proposal 1718-204 was approved with the above change.

1718-205 Sound and Music Technology, A.S., CPM.....Raul Valery
Purpose: Adds TPA 1380 Survey of Entertainment Technology to the list of required Foundation Courses, in order to satisfy the NSE requirements with this specialization. This change is necessary because EET 1214C Introduction to Engineering Technology no longer addresses the NSE outcomes. Replace notes section for each A.S. degree program Addition of new course (Introduction to Mastering) as required in the Sound Production track, and as elective in all other tracks; **Effective Date:** Fall 2018 (201910).

EET 2325C was changed to ETS 2542C. Also, the wording regarding acceptance to any state college will be changed.

Proposal 1718-205 was approved with the above change.

1718-206 Pre-Major in Criminal Justice, A.A., CPA.....Karen Borglum
Purpose: To provide students an academic pathway for transfer to UCF's Criminal Justice program. In the catalog description for the CJ A.A. pre-major, under the heading for Associate of Arts Degree, the first sentence should state, This pre-major is designed for the student who plans to transfer to the University of Central Florida as a junior to complete a four-year Bachelor's degree in Criminal Justice; **Effective Date:** Fall 2018 (201910).

Chris is concerned about students that change their minds about going to another university other than UCF. He worries that UCF won't accept this because there is nothing in writing.

Proposal 1718-206 was approved by consensus.

1718-207 Pre-Major in Early Childhood Education, A.A., CPM.....Karen Borglum
Purpose: To update requirements based upon a conversation with Judith Levin from UCF, Molly McIntire, and Rhonda Atkinson, revise program title; **Revised Program Title:** Early Childhood Development and Education; **Effective Date:** Fall 2018 (201910).

Karen explained that they are taking out Intro to childhood and make it an or option for EDF 2005 because the EDF 2005 is part of an award of credit for a student who enters the program with a CDA.

Proposal 1718-207 was approved by consensus.

1718-208 Pre-Major in Elementary Education (University of Central Florida), A.A., CPM.....Karen Borglum

Purpose: To align the prerequisite courses to UCF's program changes for fall 2018;

Effective Date: Fall 2018 (201910).

Cheryl asked if we should take out UCF from the title and Karen said yes it should be removed.

Also, the elective hours were increased and UCF wants to help develop EDG 2949.

The program title was changed to: Pre-Major in Elementary Education.

Proposal 1718-208 was approved with the above change.

1718-209 Pre-Major in Secondary Education, A.A., CPM.....Karen Borglum

Purpose: To align program to UCF changes for fall 2018; **Effective Date:** Fall 2018 (201910).

Proposal 1718-209 was approved by consensus.

1718-210 Articulated Pre-Major, Electrical and Computer Engineering Technology (Valencia College), A.A.,CPM.....Ali Notash

Purpose: 1) Deleting ETS 2220C from program to align with recent changes made to bachelor of science in ECET program. 2) Moving CET 2112C to Advanced Courses;

Effective Date: Fall 2018 (201910).

Karen explained that we will be removing the word articulated from the Pre-Majors starting Fall. She is trying to avoid students having no place to articulate to if the other schools cancel the articulations or shuts down.

Proposal 1718-210 was approved by consensus.

5. Discussion Items

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

6. Information Items

- **CUD-A Codes**

SON 3172C, SON 3173, SON 4174, SON 3806L, SON 4816L-11112 Health Professions - AP
BCN 1303C-12601 Industrial - PSV
ETD 1103C-12601 Industrial - PSV
CNT 2413C, CNT 2414C, CNT 2417C, CNT 2426C-12601 Industrial - PSV
CTS 2322C, CTS 2144C, CTS 2145C-12501 Business - PSV
RTE 3593C-11112 Health Professions - AP

- **January Minutes Update**

The following proposal was mistakenly listed in the January minutes as being on hold. The proposal was approved to begin Summer 2018.

1718-074 Vascular Sonography ATC, CPA.....Carolyn Deleo
Purpose: Implementing new ATC for credentialed sonographers and echocardiographers; ***Effective Date:*** Fall 2018 {201910}.

It was noted the effective date should be Summer 2018.

Proposal 1718-074 approved by consensus.

The next meeting of the College Curriculum Committee is scheduled for April 11, 2018, and will be held on the East Campus. *Deadline for submission of materials for the agenda is **March 28 2018.***

COLLEGE CURRICULUM COMMITTEE
February 14, 2018

Minutes

Members Present: Melody Boeringer, Ana Caldero Figueroa, Esther Coombs, Daniel Diehl, Yolanda Gonzalez, Leann Hudson, Lisa Lippitt, John Niss, Adrienne Mathews, Julia Ribley, Regina Seguin, Raul Valery (Co-Chair), Ravi Varma

Alternates Present: Jerry Reed

Ex-Officio Present: Pedro Gonzalez, Lisa Macon, Darnell Purcell, Pat Sebastian

Visitors Present: Kristin Abel, Carolyn Deleo, Deb Hall, Susan Gosnell, Michelle Terrell,

Staff Present: Krissy Brissett (Recording), Glenn Ricci

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

John Niss and Raul Valery opened the meeting with a welcome to all attendees.

2. **Review of Minutes January 17, 2018**

(<http://valenciacollege.edu/curriculumcommittee/Minutes.cfm>)

The minutes were approved by consensus.

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)The following course(s) have outlines in Course Information Management which may be viewed in ATLAS:

BCN 2942

ETM 2942

ETS 1210C, ETS 2221C, ETS 2230C

RTE 3591, RTE 3592, RTE 3593C, RTE 4941L, RTE 4942L, RTE 4943L

SON 1614, SON 2618, SON 2619

b)The following outlines are being presented as part of the Two-Year Program Review Cycle

HUM 2234, HUM 2234H

POS 2041
POS 2041H
MTB 1329
RTE 3205, RTE 3213,
SON 1001C, SON 1814L, SON 2121, SON 2122, SON 2150, SON 2824L, SON 2834L, SON 2882L

The consent agenda was approved by consensus.

4. Regular Agenda

**1718-113 BCN 2942 Internship in Architectural/Building Construction, CCM
.....M. Terrell**

Purpose: When the AS Degree in Building Construction Technology program changed the name from Architectural/Building Construction the change wasn't made to the internship course. Andy Ray has requested to update the name of the internship course to reflect the current name of the program; **Revised Course Title:** Internship in Building Construction Technology; **Effective Date:** Fall 2018 (201910).

Michelle Terrell spoke to this proposal and requested that the title of the course be changed to match recent program title change that will be effective Fall 2018.

The course title was changed to: Internship in Construction and Civil Engineering Technology.

Proposal 1718-113 was approved with the above change.

1718-114 A.S. in Entertainment Design and Technology, CPM.....Kristin Abel

Purpose: This change is to make the program more flexible for our students in the Production Design Specialization. An alternative course, CGS 2650 Social Networking for Job Search will be made available as an alternative for the TPA 2942 Internship in Theater requirement. This is needed because a large number of students already have jobs in the industry and do not need an internship to help them find a job. The other change is to make TPA 2600 an alternative for the TPP 2300 Directing 1 course. Both courses train theatrical designers to break down and organize scripts, while looking for creative challenges involved in the production of the play, but some students have more interest in the management side of productions; **Effective Date:** Fall 2018 (201910).

There was a question about why the Production Design Specialization hours were adding up to 29 hours. It was discovered that two courses were listed twice. They were removed and this brought the specialization back to 25 hours.

Proposal 1718-114 was approved with the above change.

1718-115 ETM 2942 Energy Management and Controls Technology Internship, CCM.....Deb Hall
Purpose: Modify prerequisites; **Revised Prerequisites:** COP 1000C, ETM 1602C, ETM 2943; **Effective Date:** Fall 2018 (201910).

Deb Hall explained that this change was recommended by their review board and the majority of them recommended adding ETM 2943 to the prerequisites. Julia wondered why the standard prerequisite wording for Internship courses was not included here. The committee agreed that the prerequisite should be changed.

The prerequisite was changed to: Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; 18 credits including COP 1000C, ETM 1602C, and ETM 2943. The Program Director/Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses.

Proposal 1718-115 was approved with the above change.

1718-116 ETS 1210C Introduction to Photonics, CCM.....Deb Hall
Purpose: It will help students to gain more college experience as most students take this class after the first semester in college and some of them are dropping or failing the class due to the difficulty of the subject; **Revised Prerequisites:** EET 1015C and MTB 1329 or MAC 1105; **Effective Date:** Fall 2018 (201910).

A visitor who attended the meeting with Deb Hall explained that they have a high failure rate for this course and they believe that is because the students do not have enough prior Math experience. Their intention is to make sure their AS students are more prepared by increasing the prerequisites so they are taking this course in the 3rd semester rather than the 2nd.

Nasser Hedayat noticed that EET 1015C already has a prerequisite of MTB 1329 and MAC 1105 so they do not need to be included as a prerequisite for this course.

The prerequisite was changed to: EET 1015C.

Proposal 1718-116 was approved with the above change.

1718-117 ETS 2221C Introduction to Electro-Optical Devices, CCM.....Deb Hall
Purpose: It will help with the class enrollment as most students do not have EET 1025C or EET 1036C at the time that they take ETS 1210C which results in students having to wait few semesters, even a year, before they can take this class. EET 1025C or EET 1036C is not required as any AC concepts needed are already covered in ETS 1210C;
Revised Prerequisites: ETS 1210C; **Effective Date:** Fall 2018 (201910).

1718-118 ETS 2230C Introduction to Lasers, CCM.....Deb Hall
Purpose: It will help with the class enrollment as most students do not have EET 1025C or EET 1036C at the time that they take ETS 1210C which results in students having to wait few semesters, even a year, before they can take this class. EET 1025C or EET 1036C is not required as any AC concepts needed are already covered in ETS 1210C;
Revised Prerequisites: ETS 1210C; **Effective Date:** Fall 2018 (201910).

It was explained that these two courses have topics already covered in other courses so they are removing some of the prerequisites. They are hoping that this improves their enrollment and graduation rate.

Proposals 1718-117 and 1718-118 were approved by consensus.

1718-119 Energy Management and Controls Technology, A.S., CPM.....Deb Hall
Purpose: Removing MAC 1105 and including PHY 1020; **Effective Date:** Fall 2018 (201910).

Deb Hall explained that their review board also recommended swapping out MAC 1105 for PHY 1020.

Proposal 1718-119 was approved by consensus.

1718-120 Electronics Engineering Technology, A.S., CPM.....Deb Hall
Purpose: Modify gen eds to be more learning centered for EET student; **Effective Date:** Fall 2018 (201910).

Proposal 1718-120 was tabled.

1718-121 Robotics and Mechatronics Technician Certificate, CPM.....Deb Hall
Purpose: Aligning outcomes; **Effective Date:** Fall 2018 (201910).

Deb Hall explained that they are modifying to outcomes to correctly reflect what is currently being covered.

Proposal 1718-121 was approved by consensus.

1718-122 SON 1614 Acoustical Physics and Instrumentation I, CCM.....C. Deleo
Purpose: Revise course title; **Revised Course Title:** Sonographic Physics I; **Effective**
Date: Fall 2018 (201910).

1718-123 SON 2618 Acoustical Physics and Instrumentation II, CCM....C. Deleo
Purpose: Revise course title; **Revised Course Title:** Sonographic Physics II; **Effective**
Date: Fall 2018 (201910).

1718-124 SON 2619 Acoustical Physics and Instrumentation III, CCM...C. Deleo
Purpose: Revise course title; **Revised Course Title:** Sonographic Physics III; **Effective**
Date: Fall 2018 (201910).

Carolyn Deleo explained that the course titles were not up to date so they decided to revise the titles to correctly reflect today's wording.

Proposals 1718-122, 1718-123, and 1718-124 were approved by consensus.

1718-125 RTE 3593C Advanced MRI Procedures, CCA.....Susan Gosnell
Purpose: Revising the MRI curriculum to better meet the needs of students pursuing certification; **Catalog Course Description:** Course content is designed as a continuum to MR Imaging and procedures course and is delivered concurrent with a clinical practicum section which expands on the principles and clinical skills covered in this course; covers slice selection, patient positioning, coil selection and advanced imaging protocols/ techniques related to vascular head, advanced abdomen/pelvis studies and special MRI procedures. This course also covers procedure protocol management, patient monitoring, advanced image critique and basic pathology associated with MRI imaging. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement; **Prerequisites:** RTE 3592; RTE 4943L; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/2/80; **Effective Date:** Fall 2018 (201910).

It was pointed out that the course does have a C designation and the course hours were incorrectly listed. The course number was updated to RTE 2593C and the hours were updated to 3/2/80.

Susan Gosnell explained that this addition adds academic content to the program and clinical hours. This changes the hours for certificate program, but not for the bachelor degree. Susan explained that it is a pretty common requirement for transfer students to take the course at their school before placing the student in a practicum. Some committee members were concerned as the statute says that any student that transfer with a course from another Florida institution with the same number, their credits have to be accepted. Susan does not see it as an issue as the numbers vary widely per college and university for this specific program. She does not know why, but typically, two different schools have not been assigned the same number for the same course.

Susan Gosnell requested some grammatical changes to the course description and the prerequisite that were not included in the proposal. The committee agreed to accept those changes. There was also a discrepancy about how many contact hours the faculty are to be paid for this course. Susan was not sure, but it would be verified after the meeting.

The course description was changed to: Course content is designed as a continuation of the MR Imaging and procedures course. It includes a clinical component; covers slice selection, patient positioning, coil selection and advanced imaging protocols/ techniques related to vascular head, advanced abdomen/pelvis studies and special MRI procedures. This course also covers procedure protocol management, patient monitoring, advanced image critique and basic pathology associated with MRI imaging. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement and/or ATC in MRI requirement.

The prerequisites were changed to: Minimum grades of C in RTE 3592, and RTE 4943L completed at Valencia College.

The credit/contact/lab hours were changed to:

Proposal 1718-125 was approved with the above changes.

1718-126 RTE 3591 Magnetic Resonance Imaging I, CCM.....Susan Gosnell
Purpose: Modify course title, modify course description; **Revised Course Title:** MRI Principles and Instrumentation; **Revised Course Description:** Course content is designed to impart the basic concepts of Magnetic Resonance Imaging; explains basic principles and fundamentals of MRI using quantum physics; covers instrumentation, image weighting, image contrast, tissue characteristics, image formation, data collection, and MRI safety requirements. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement; **Effective Date:** Fall 2018 (201910).

Susan Gosnell requested some grammatical changes to the course description that were not included in the proposal. The committee agreed to accept those changes.

The last sentence of the course description was changed to: Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement and/or ATC in MRI requirement.

Proposal 1718-126 was approved with the above changes.

1718-127 RTE 3592 Magnetic Resonance Imaging II, CCM.....Susan Gosnell

Purpose: Modify course title, modify co-requisites, modify course description; **Revised Course Title:** MR Imaging and Procedures; **Revised Co-requisites:** RTE 4943L; **Revised Course Description:** Course content is designed as a continuum to MR Principles and Instrumentation course; explains pulse sequences and parameters; covers manipulation of technical factors, trade-offs, flow and MR artifacts. This course also covers slice selection, patient positioning, coil selection, and routine imaging protocols/techniques related to the head, neck, spine, abdomen, pelvis and extremity procedures. Clinical practice (RTE 4943L) is required to be completed simultaneously with this course. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement; **Effective Date:** Fall 2018 (201910).

Susan explained that this change would make the curriculum more effective. They have added the co-requisite because they found that students would defer their clinicals and then fall out of sequence.

Susan Gosnell requested some grammatical changes to the course description that were not included in the proposal. The committee agreed to accept those changes.

The course description was changed to: Course content is designed as a continuation of the MR Principles and Instrumentation course; explains pulse sequences and parameters; covers manipulation of technical factors, trade-offs, flow and MR artifacts. This course also covers slice selection, patient positioning, coil selection, and routine imaging protocols/techniques related to the head, neck, spine, abdomen, pelvis and extremities. Clinical practice (RTE 4943L) is required to be completed simultaneously with this course. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement and/or ATC in MRI requirement.

Proposal 1718-127 was approved with the above changes.

1718-128 RTE 4941L Practicum, CCM.....Susan Gosnell

Purpose: Modify course description; **Revised Course Description:** A minimum grade of C in specified concentration coursework, as follows: RTE 3588 and RTE 4474 and either RTE 3116 or current professional employment, and departmental approval. The practicum course must begin within 12 months of completion of RTE 3588; **Effective Date:** Fall 2018 (201910).

Susan Gosnell explained that they were changing the course description to indicate what is required for that particular professional pathway. Regina Seguin wondered what would happen if a student tried to take the course more than 12 months after. Susan is concerned that they will forget what they learned and the requirements change so often that they will not be able to provide good patient care.

They are going to use it as a Mammography Practicum, but were hesitant to change the name in case students come in with an old catalog or if they need to use the course for a different type of practicum in the future.

Susan Gosnell requested some grammatical changes to the course description and the prerequisite that were not included in the proposal. The committee agreed to accept those changes.

The course description was changed to: A minimum grade of C in RTE 3588 and RTE 4474 completed at Valencia College; and either current professional employment or a minimum grade of C in RTE 3116; and department approval. The practicum course must begin within 12 months of completion of RTE 3588.

The prerequisite was changed to: Practical application in a clinical setting of knowledge acquired in the classroom. May not be repeated. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement and/or ATC requirement.

Proposal 1718-128 was approved with the above changes.

1718-129 RTE 4942L CT Practicum, CCM.....Susan Gosnell

Purpose: Modify prerequisites; **Revised Prerequisites:** A minimum grade of C in specified concentration coursework, as follows: RTE 3590; RTE 3765; and either RTE 3116 or current professional employment and department approval. The practicum course must begin within 12 months of completion of RTE 3590. RTE 3590 must be completed at Valencia College; **Effective Date:** Fall 2018 (201910).

Susan Gosnell requested some grammatical changes to the course description and the prerequisite that were not included in the proposal. The committee agreed to accept those changes.

The course description was changed to: Minimum grade of C in RTE 3590 completed at Valencia and RTE 3765; and either current professional employment or a minimum grade of C in RTE 3116; and department approval. The practicum course must begin within 12 months of completion of RTE 3590.

The prerequisite was changed to: Practical application in a clinical setting of knowledge acquired in the classroom. May not be repeated. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement and/or ATC in CT requirement.

Proposal 1718-129 was approved with the above changes.

1718-130 RTE 4943L MRI Practicum, CCM.....Susan Gosnell

Purpose: Modify prerequisites, modify co-requisites, modify course description; **Revised Prerequisites:** A minimum grade of C in specified concentration coursework, as follows: RTE 3591; and RTE 3765; and either RTE 3116 or current professional employment and department approval. The practicum course must be taken simultaneously with RTE 3592. RTE 3591 and RTE 3592 must be completed at Valencia College.; **Revised Co-requisites:** RTE 3592; **Revised Course Description:** This course is designed to provide students with a flexible clinical education experience in technical and professional aspects of magnetic resonance imaging. Content is presented as a progression in competency levels through clinical performance assessments and competencies. Students will observe, assist, and perform basic patient care and MRI clinical procedures under direct supervision and are expected to perform procedures independently, under indirect supervision, after completing competencies. Clinical practicum is required to be completed simultaneously with RTE 3592. May not be repeated. Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement; **Effective Date:** Fall 2018 (201910).

Susan Gosnell requested some grammatical changes to the course description and the prerequisite that were not included in the proposal. The committee agreed to accept those changes.

The last sentence of the course description was changed to: Minimum grade of C required if used to satisfy Radiologic and Imaging Sciences B.S. degree requirement and/or ATC in MRI requirement.

The prerequisite was changed to: A minimum grade of C in RTE 3591; and RTE 3765; and either RTE 3116 or current professional employment or a minimum grade of C in RTE 3116; and department approval. The practicum course must be taken simultaneously with RTE 3592. RTE 3591 and RTE 3592 must be completed at Valencia College. Proposal 1718-129 was approved with the above changes.

1718-131 ATC Magnetic Resonance Imaging, CPM.....Susan Gosnell

Purpose: Revising the MRI curriculum to better meet the needs of students pursuing certification; **Effective Date:** Fall 2018 (201910).

Proposal 1718-131 was approved by consensus.

1718-132 B. S. in Radiologic and Imaging Sciences (BSRAD), CPM.....Susan Gosnell

Purpose: Add additional elective choices. Add a new concentration in Vascular Sonography based on the Advanced Technical Certificate in Vascular Sonography; **Effective Date:** Fall 2018 (201910).

Julia Ribley explained that students are not being accepted into the program because of the title of their programs at other schools even if they have the correct credentials.

The change needs to be made in the admission requirements for the 4 programs. Julia will provide the list.

Proposal 1718-132 was approved by consensus.

5. Discussion Items

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

6. Information Items

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

The next meeting of the College Curriculum Committee is scheduled for March 7, 2018, and will be held on the East Campus. *Deadline for submission of materials for the agenda is **February 21, 2018.***