

**ADDITIONS, DELETIONS OR  
MODIFICATIONS OF  
COURSES AND PROGRAMS**



April 23, 2014

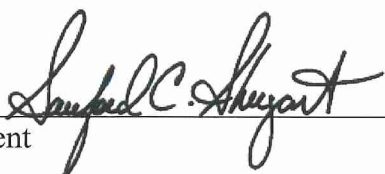
**TO:** THE DISTRICT BOARD OF TRUSTEES  
of Valencia College

**FROM:** SANFORD C. SHUGART  
President

**RE:** Additions, Deletions or Modifications of Courses and Programs

RECOMMENDED ACTION:

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

  
\_\_\_\_\_  
President

## COLLEGE CURRICULUM COMMITTEE

February 12, 2014

### MINUTES

**Members Present:** Joan Alexander, Melody Boeringer, Karen Borglum (Co-Chair), Chris Borglum, Carl Creasman, Debra Jacobs, Suzanne Johnson, Anita Kovalsky, Lisa Macon, Lee McCain, John Niss (Co-Chair), Bonnie Oliver, Kristy Pennino, Yasmeeen Qadri, Lester Sandres, Pam Sandy, Jackie Starren, Ravi Varma, Betty Wanielista

**Alternates Present:** Chris Klinger, Raul Valery

**Ex-Officio Present:** Alys Arceneaux, Shirley Boyette, Krystal Cortez, Kurt Ewen, Darnell Purcell, Cheryl Robinson, Edwin Sanchez

**Staff Present:** Kim Adams-Long, Krissy Brissett (Recording), Glenn Ricci

**Guests Present:** Kristin Abel, Colin Archibald, Jonathan Arnold, Ralph Clemente, Jody DeVoe, Javier Garces, Kim Little, Rob McCaffrey, Melissa Pedone, Irina Struganova, Brenda Townsend

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

*John Niss opened the meeting with a welcome.*

#### 2. **Review of Minutes – January 15, 2013**

*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.

The following course(s) have outlines which may be viewed in Course Outline Builder after logging into ATLAS:

CJK 0013	Interactions in a Diverse Community
CJK 0014	Interviewing and Report Writing
CJK 0064	Fundamentals of Patrol
CJK 0065	Calls for Service
CJK 0078	From Crime Scene to Courtroom
CJK 0092	Critical Incidents
COP 2362	Advanced C# Programming
GRA 1180C	Portfolio Prep
GRA 1751	Information Architecture

GRA 2133C Intermediate Web Design  
GRA 2585C User Interface Design  
GRA 2724C Advanced CSS Design  
STA 1001C Introduction to Statistical Reasoning

The following outlines are being presented as part of the Two-Year Program Review Cycle, and may be viewed in Course Outline Builder after logging into ATLAS:

*There are no outlines being presented as part of the Two-Year Program Review Cycle.*

**Various Science Courses Lab Fee Revisions (per attached list), CCM.....Melissa Pedone**

**Purpose:** To update the required lab fee for each course in the attached spreadsheet; Effective

**Date:** Fall 2014 (201510).

*The consent agenda was approved by consensus.*

#### 4. Regular Agenda

**1314-090 PHY 1007C Physics with Medical Applications**

**Purpose:** To opt into Gen Ed; **Effective Date:** Fall 2015 (201610).

*This agenda item was not approved in November, and the Physics faculty requested that the course be brought back to the committee to be considered for inclusion in General Education.*

*After discussion, proposal 1314-090 was approved by vote with 15 yes votes, 3 nay votes, and 1 abstention.*

**1314-139 STA 2023/2023H Statistical Methods, CCM.....Roberta Carew**

**Purpose:** Revise prerequisites; **Revised Prerequisites:** Minimum grade of C in STA1001C, MAT1033C, or MAC1105 or satisfactory score on an approved assessment; **Effective Date:** Fall 2014 (201510).

**1314-144 STA 1001C Introduction to Statistical Reasoning, CCA.....Roberta Carew**

**Purpose:** This course will be replacing the two-semester Statway sequence, specifically the MAT0029 course. STA1001C will be a stand-alone three-credit hour course which will prepare non-STEM students for STA2023. This will allow for the Statway program to become a more sustainable part of the mathematics curriculum. It will offer a pathway for students to and through College Credit Transfer Statistics for students that do not need College Algebra for their Meta-major Academic Pathway or specific degree program requirements; **Catalog Course Description:** This course provides students with an opportunity to acquire a reasonable level of statistical literacy and expand their understanding of statistical approaches to problem-solving. The main objective of this course is the development of statistical reasoning techniques and an introduction to the statistical analysis process. (Special Fee: \$42.00); **Prerequisites:** Minimum grade of C in MAT 0018C or higher or appropriate score on an approved assessment; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/1; **Effective Date:** Fall 2014 (201510).

The committee wanted it noted that although this course is replacing the MAT 0029 math course that it cannot be listed as an equivalency in the catalog, but that the counselors or math department staff can override that requirement for any students that transfer to Valencia with MAT 0029.

**1314-145 MGF 1107 Mathematics for the Liberal Arts, CCM.....Roberta Carew**

**Purpose:** With the removal of MAT1033C as a prerequisite for MGF1106, students who normally would have been eligible to take MGF1107 as a subsequent course will no longer be able to do so. This prerequisite change will allow students to complete the Liberal Arts Math sequence. It was voted on and approved in December 2013; **Revised Prerequisites:** Minimum grade of C in MAT 1033C, or MAC 1105, or MGF1106 or STA 2023 or appropriate score on an approved assessment; **Effective Date:** Fall 2014 (201510).

*Agenda Items 1314-139, 1314-144 and 1314-145 were approved by consensus.*

**1314-146 Advanced Electronics Technician Advanced Technical Certificate, CPA  
.....Ali Notash**

**Purpose:** This advanced Electronics Technician Technical Certificate is designed to provide students with the skills required to build, troubleshoot, and design advanced electronic and electrical circuits. Students wishing to transfer any credits from this program to another institution must accept the responsibility to securing approval in advance from the transfer institution; **Effective Date:** Fall 2014 (201510).

*Agenda item 1314-146 was tabled by the author until the March meeting.*

**1314-147 Cardiovascular Technology A. S. Degree, CPM.....Sarah Powers**

**Purpose:** These modifications will better align the program humanities requirements with the general education requirements. They will also better prepare the students for program entry and completion; **Effective Date:** Fall 2014 (201510).

*Karen Borglum and John Niss had questions regarding the program requirements in Humanities and Math given the new Gen Ed requirements for the fall 2015/2016 and the new math pathways, but they agreed that it would be acceptable to approve what was brought forward, and the department can make a decision later.*

*Agenda item 1314-147 was approved by consensus.*

**1314-148 Sound and Music Technology A. S. Degree, CPM.....Raul Valery**

**Purpose:** To address changes to the General Education program and the inclusion of the outcomes of the new NSE requirement; **Effective Date:** Fall 2014 (201510).

*Karen Borglum pointed out that the Music Performance and Sound Specialization needs one less hour in that specialization so that students do not go over their required hours.*

*Agenda item 1314-148 was approved by consensus.*

**1314-149 Landscape and Horticulture Technology A. S. Degree, CPM.....Javier Garces**  
**Purpose:** This overall reduction in the credits is from 64 to 60 due to the removal of a 1 credit Microsoft Word course and 3 elective credits from each specialization. The courses that have been removed/replaced, as well as the "OR" for certain courses, is a result of meetings with UF and our Advisory Committee; **Effective Date:** Fall 2016 (201710).

*Javier Garces expressed his surprise that there was not a required Math for students as part of the Landscape and Horticulture degree, and he believes that students should at least take MAC 1105. As part of his proposal he also wants to add 3 additional courses, but will only remove three, and he noted that these changes have been approved by his department's advisory board. Javier pointed out that they no longer wish to change the overall credits from 64 to 60 because the state has not approved the reduction at this point, although it will be coming.*

*Karen Borglum calculated that after the changes the program will only have 61 hours and she suggested that they change the elective hours for the Land and Horticulture Specialization to 12 hours, and the Landscape Specialization to 7 hours. John Niss suggested that STA 2023 might be a more appropriate math course to consider for future revisions of the program.*

*The effective date was changed to Fall 2014 (201510).*

*Agenda Item 1314-149 was approved with the above changes.*

**1314-150 TPA 2000 Creative Design for the Theater, CCM.....Kristin Abel**  
**Purpose:** Revise course number and revise class and lab hours. The students need more time in the classroom with the professor while working on projects in order to get more feedback;  
**Revised Course Number:** TPA 2000C; **Revised Credit/Class/Lab Hours:** 3/2/2; **Effective Date:** Fall 2014 (201510).

**1314-151 TPA 2030 Lighting Design for Live Entertainment, CCM.....Kristin Abel**  
**Purpose:** Revise course number; **Revised Course Number:** TPA 2030C; **Effective Date:** Fall 2014 (201510).

**1314-152 TPA 2063 Principles of Scenery Design, CCM.....Kristin Abel**  
**Purpose:** Revise course number; **Revised Course Number:** TPA 2063C; **Effective Date:** Fall 2014 (201510).

**1314-153 TPA 2220 Introduction to Stage Lighting, CCM.....Kristin Abel**  
**Purpose:** Revise course number; **Revised Course Number:** TPA 2220C; **Effective Date:** Fall 2014 (201510).

**1314-154 TPA 2252 Introduction Audio Visual Technology, CCM.....Kristin Abel**  
**Purpose:** Revise course number and course description; **Revised Catalog Course Description:** An introduction to audio visual technology and practices of the entertainment industry. The course will focus on AV production and design, along with the setup, operation and troubleshooting of basic audio visual equipment; **Revised Course Number:** TPA 2252C; **Effective Date:** Fall 2014 (201510).

**1314-155 TPA 2260 Introduction to Audio Production, CCM.....Kristin Abel**  
**Purpose:** Revise course number; **Revised Course Number:** TPA 2260C; **Effective Date:** Fall 2014 (201510).

**1314-156 TPA 2343 Computer Assisted Drafting for the Entertainment Industry, CCM**  
.....Kristin Abel  
**Purpose:** Revise course number, revise class and lab hours in order to better reflect the nature of the course; **Revised Course Number:** TPA 2343C; **Revised Credit/Class/Lab Hours:** 3/2/1; **Effective Date:** Fall 2014 (201510).

*Agenda items 1314-150 and 1314-152 to 1314-156 were approved by consensus. Item 1314-151 was removed from the agenda as it had already been approved.*

**1314-157 CAP 2023 Game Programming, CCD.....Colin Archibald**  
**Purpose:** This course has not been offered for several years; **Effective Date:** Fall 2014 (201510).

**1314-158 COP 2222 Advanced C Programming, CCD.....Colin Archibald**  
**Purpose:** Most topics were moved to COP 2220. Not offered for several years; **Effective Date:** Fall 2014 (201510).

**1314-159 COP 2821 Advanced Microsoft Application Development, CCD**  
.....Colin Archibald  
**Purpose:** This course along with COP 2823 are being combined into a new course which will be COP 2362 Advanced C# Programming; **Effective Date:** Fall 2014 (201510).

**1314-160 COP 2823 Advanced Microsoft Web Development, CCD.....Colin Archibald**  
**Purpose:** This course along with COP 2821 are being combined into a new course which will be COP 2362 Advanced C# Programming; **Effective Date:** Fall 2014 (201510).

**1314-161 COT 2001 Introduction to Math and Physics for Game Programming, CCD**  
.....Colin Archibald  
**Purpose:** This course has not been offered for several years; **Effective Date:** Fall 2014 (201510).

*Agenda items 1314-157 to 1314-161 were approved by consensus.*

**1314-162 Computer Programming and Analysis A.S. Degree, CPM.....Colin Archibald**  
**Purpose:** Removing COP 2821, 2823. Adding COP 2362 Advanced C# Programming; **Effective Date:** Fall 2014 (201510).

**1314-162A COP 2362 Advanced C# Programming, CCA.....Colin Archibald**  
**Purpose:** We are collapsing the content of COP 2821 and COP 2823 into a single course; **Catalog Course Description:** Advanced topics using the C# language, including User eXperience (UX), collections, multi-threading, and interaction with databases and web services. Students will develop applications for Windows and the web using industry-standard software architecture. (Special fee \$42.00); **Prerequisites:** Minimum grade of C in COP 2360; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/0; **Effective Date:** Fall 2014 (201510).

**1314-163 Computer Programming Technical Certificate, CPM.....Colin Archibald**  
**Purpose:** Delete the Specialization in Game Programming; **Effective Date:** Fall 2014 (201510).

*Agenda items 1314-162 to 1314-163 were approved by consensus.*

**1314-164 GRA 1180C Portfolio Prep, CCA.....Kristy Pennino**  
**Purpose;** This new course will provide students with better preparation for GRA 1951C Portfolio Review and help to ensure higher rates of success in that course; **Catalog Course Description:** Students will take a comprehensive exam, work on their personal brand, design their resumes, develop self-promotional items, and conduct an audit of their work. This course is designed to get students prepared to do an internship and to help them prepare to be successful in their capstone course, Portfolio Review; **Prerequisites:** Minimum grades of C in GRA2113C or GRA 2137C or department approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1/1/1; **Effective Date:** Fall 2014 (201510).

*Chris Klinger proposed that the wording in the first sentence be changed to say “capstone exam” instead of “comprehensive exam” since the course, in essence, will prepare students for the capstone course. The committee agreed that the wording should be changed, and they also agreed that the first and last sentence of the course description should be switched around.*

**1314-165 GRA 1751 Information Architecture, CCA.....Kristy Pennino**  
**Purpose:** This course will be replacing a deleted course from the Graphic & Interactive Design curriculum which was no longer modifiable to meet the needs of the industry; **Catalog Course Description:** Provides instruction in user interaction and user experience to assist students in learning to research, plan, organize and develop an interactive solution. Logical thinking and creative problem solving processes used for planning interactive solutions, especially those found on the internet, will be provided. Special emphasis on visual communication fundamentals, problem solving, content strategy, sitemaps, wireframes, user interaction and user experience will be covered; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 2/2/0; **Effective Date:** Fall 2014 (201510).

**1314-166 GRA 2133C Intermediate Web Design, CCA.....Kristy Pennino**  
**Purpose:** This course will be replacing a deleted course from the Graphic & Interactive Design degree requirements which was no longer meeting the needs of industry expectations. This course will also be meeting the need to add a more intermediate level of learning between the basic and advanced course; **Catalog Course Description:** Provides intermediate instruction in the most current applications and coding languages being used in the industry to assist students in the creation of web pages. Instruction on proper coding of the pages with consideration of various platforms and cross-platform testing will be provided. Special emphasis on visual communication techniques, web design principles, responsive web design and intermediate coding skills will be covered; **Prerequisites:** Minimum grade C in GRA2141C or department approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/1; **Effective Date:** Fall 2014 (201510).



**1314-167 GRA 2585C User Interface Design, CCA.....Kristy Pennino**  
**Purpose:** This course will be replacing a deleted course from the Graphic & Interactive Design degree requirements which was no longer meeting the needs of industry expectations; **Catalog Course Description:** Provides instruction in user interface design to assist students in learning to research, plan, organize and develop interactive solutions for a variety of user interfaces and user experiences. Special emphasis on visual design fundamentals, problem solving, design process, emerging trends, user interaction and experience will be covered; **Prerequisites:** Minimum grades of C in DIG 2100C, GRA 1751 and GRA2201C or departmental approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/1; **Effective Date:** Fall 2014 (201510).

**1314-168 GRA 2724C Advanced CSS Design, CCA.....Kristy Pennino**  
**Purpose:** This course will be replacing a deleted course from the Graphic & Interactive Design degree requirements which was no longer meeting the needs of industry expectations; **Catalog Course Description:** Students will apply visual communication, creative problem solving and typographic layout techniques to create advanced level web site solutions for their professional portfolios.  
Students will plan, design, and develop standards-compliant, visually attractive web pages utilizing advanced CSS (Cascading Style Sheets) and other industry standard software and coding languages; **Prerequisites:** Minimum grade of C in GRA 2723C or departmental approval; **Co-requisites:** None; **Credit/Class/Lab Hours:** 3/3/1; **Effective Date:** Fall 2014 (201510).

*Agenda items 1314-164 to 1314-168 were approved by consensus.*

**1314-169 GRA 1203C Layout, Design and Copy Preparation, CCM.....Kristy Pennino**  
**Purpose:** The prerequisite, ART 1201C Design I, has been removed as a degree requirement for our Graphic & Interactive Design AS Degree and Certificates. Therefore, this course has been removed as a prerequisite for this course. The course description has also been freshened up to remove antiquated terminology; **Revised Prerequisites:** A minimum of C in GRA 1142C or departmental approval; **Revised Catalog Course Description:** A practical course in utilizing industry-standard layout software to convert rough ideas into technically sound print-ready layouts. Students are encouraged to apply various design fundamentals, such as color, balance, hierarchy and the typographic grid; **Effective Date:** Fall 2014 (201510).

**1314-170 GRA 1206C Fundamentals of Typography, CCM.....Kristy Pennino**  
**Purpose:** The DIG prerequisites were modified to accommodate for changes in degree requirements for the Digital Media AS Degree; **Revised Prerequisites:** Minimum grade of C in both GRA 1142 and GRA 1413; or minimum grade of C in both DIG 2000C and DIG 1940; or department approval; **Effective Date:** Fall 2014 (201510).

**1314-171 GRA 1413 Professional Development for Designers, CCM.....Kristy Pennino**  
**Purpose:** This course is a professional development course our students are required to take in the first 15 credit hours of our Graphic & Interactive Design AS Degree. We have updated the course outline to include the newly required "New Student Experience" learning outcomes and have freshened up the course description to better reflect what is covered in the course; **Revised Catalog Course Description:** Students will learn about industry-specific employment expectations, such as: designing a resume, researching work environments, understanding the

role of designers in various workplaces and what the industry expects to see in a designer's visual portfolio; **Effective Date:** Fall 2014 (201510).

**1314-172 GRA 1951C Portfolio Review, CCM.....Kristy Pennino**

**Purpose:** A new course requirement has been added to our Graphic & Interactive Design AS Degrees, GRA 1180C Portfolio Prep. Due to very low success rates, this course has been added to ensure students are more successful in GRA 1951C Portfolio Review. The changes to GRA 1951C are as follows: 1. Change prerequisite to minimum of C or higher in GRA 1180C Portfolio Prep. 2. Modify course description and outline to more narrowly define what is covered in the course now that there is a Portfolio Prep course. 3. Update course outline topics to align with new prerequisite course; **Revised Prerequisites:** Minimum grade of C in GRA 1180C or department approval; **Revised Catalog Course Description:** This course is designed to help students prepare their portfolios, professionally produce their self-promotional items, and gain valuable interviewing skills. Students participate in an interview conducted by a panel of professionals as a portion of their grade; **Effective Date:** Fall 2014 (201510).

**1314-173 GRA 2132C Advanced Interactive Design, CCM.....Kristy Pennino**

**Purpose:** A new course, GRA 2133C Intermediate Web Page Design is being added to our degree requirement for our Interactive Design AS Degree specialization. This change requires we add that new course as a prerequisite to GRA 2132C Advanced Interactive Design, while preserving the older prerequisites to ensure this change does not prevent students in older catalogs from being able to register for the course; **Revised Prerequisites:** Minimum grades of C in both DIG 2100C and DIG 2500C or minimum grade of C in just GRA 2133C or department approval; **Effective Date:** Fall 2014 (201510).

**1314-174 GRA 2143C Advanced Web Page Design, CCM.....Kristy Pennino**

**Purpose:** A new course, GRA 2133C Intermediate Web Page Design is being added to our degree requirement for our Interactive Design AS Degree specialization. This change requires we add that new course as a prerequisite to GRA 2143C Advanced Web Page Design, while preserving the older prerequisites to ensure this change does not prevent students in older catalogs from being able to register for the course; **Revised Prerequisites:** Minimum grades of C in DIG2100C and DIG2500C and GRA2141C or a grade of C or higher in just GRA2133C or department approval; **Effective Date:** Fall 2014 (201510).

**1314-175 GRA 2156C Adobe Illustration, CCM.....Kristy Pennino**

**Purpose:** Course title revision to remove references to specific industry software; **Revised Course Title:** Vector Illustration; **Effective Date:** Fall 2014 (201510).

*An error was corrected in the revised course title for the minutes.*

**1314-176 GRA 2425 Business and Ethics of Graphic Design, CCM.....Kristy Pennino**

**Purpose:** The prerequisite has been modified to encourage more students to take the course earlier in the degree program; **Revised Prerequisites:** Minimum grade of C in GRA1142C or departmental approval; **Effective Date:** Fall 2014 (201510).

*Agenda items 1314-169 to 1314-176 were approved with the above changes.*

**1314-177      Graphic and Interactive Design A.S. Degree and Technical Certificates, CPM**  
.....Kristy Pennino

**Purpose:** All of the CPMs have been made due to significant changes in the industry and hence in the expectations of our graduates. These changes will better ensure our degree and certificate earners are competitive and more prepared for work in the industry. These changes have all been developed with the guidance and recommendations made by our Advisory Board, graduates and industry professionals; **Effective Date:** Fall 2014 (201510).

*Agenda item 1314-177 was approved by consensus.*

**1314-178      RTE 3590L      Computed Tomography Clinical Education, CCD.....Susan Gosnell**

**Purpose:** This course was never implemented using this course number; **Effective Date:** Fall 2014 (201510).

**1314-179      RTE 3591L      Magnetic Resonance Imaging Clinical Ed., CCD.....Susan Gosnell**

**Purpose:** This course was never implemented using this course number; **Effective Date:** Fall 2014 (201510).

*Agenda items 1314-178 and 179 were approved by consensus.*

**1314-180      FIL 2450      Film Gripping, CCM.....Ralph Clemente**

**Purpose:** Modifying course number by adding C, for lab component of class; **Revised Course Number:** FIL 2450C; **Effective Date:** Fall 2014 (201510).

**1314-181      FIL 2505      Film Lighting, CCM.....Ralph Clemente**

**Purpose:** Modifying course number by adding C, for lab component of class; **Revised Course Number:** FIL 2505C; **Effective Date:** Fall 2014 (201510).

**1314-182      FIL 2537      Film Sound, CCM.....Ralph Clemente**

**Purpose:** Modifying course number by adding C, for lab component of class; **Revised Course Number:** FIL 2537C; **Effective Date:** Fall 2014 (201510).

**1314-183      FIL 2552      Film Editing, CCM.....Ralph Clemente**

**Purpose:** Modifying course number by adding C, for lab component of class; **Revised Course Number:** FIL 2552C; **Effective Date:** Fall 2014 (201510).

**1314-184      FIL 2580      Film Camera Techniques, CCM.....Ralph Clemente**

**Purpose:** Modifying course number by adding C, for lab component of class; **Revised Course Number:** FIL 2580C; **Effective Date:** Fall 2014 (201510).

*Agenda items 1314-180 to 1314-184 were approved by consensus.*

**1314-185      DIG 2109C      Digital Imaging Fundamentals, CCM.....Rob McCaffrey**

**Purpose:** All digital media students will now take DIG 1940 as a first semester professional development course and we are changing this pre-req to reflect that; **Revised Prerequisites:**

Minimum grade of C in DIG 2000C; and a minimum grade of C in either DIG 1940 or ART 1300C; or departmental approval; **Effective Date:** Fall 2014 (201510).

**1314-186 DIG 2341C Introduction to Motion Graphics, CCM.....Rob McCaffrey**

**Purpose:** All digital media students will now take DIG 1940 as a first semester professional development course and we are changing this course pre-req to reflect that; **Revised**

**Prerequisites:** Minimum grades of C in ART 1300C and DIG 2000C; or department approval;

**Revised Prerequisite or Co-requisite:** DIG 1940; **Effective Date:** Fall 2014 (201510).

**1314-187 DIG 2430C Digital Storytelling, CCM.....Rob McCaffrey**

**Purpose:** All digital media students will now take DIG 1940 as a first semester professional development course, and we are rewriting this classes pre-reqs to reflect that; **Revised**

**Prerequisites:** Minimum grade of C in either ART 1300C or DIG 1940; or departmental approval;

**Effective Date:** Fall 2014 (201510).

**1314-188 DIG 2500C Fundamentals of Interactive Design, CCM.....Rob McCaffrey**

**Purpose:** Prerequisite change; **Revised Prerequisites:** Minimum grade of C in either DIG 2000C or GRA 1142C; or department approval; **Effective Date:** Fall 2014 (201510).

*Agenda Items 1314-185 to 1314-188 were approved by consensus.*

**1314-189 Digital Video Editing and Post Production Technical Certificate, CPM**

.....Rob McCaffrey

**Purpose:** All digital media certificates are being reworked this year to avoid embedded pre-req courses and to create pathways to our newest AS specializations. Superfluous certificates are being deleted; **Effective Date:** Fall 2014 (201510).

**1314-190 Digital Video Fundamentals Technical Certificate, CPM.....Rob McCaffrey**

**Purpose:** All digital media certificates are being reworked this year to avoid embedded pre-req courses and to create pathways to our newest AS specializations. Superfluous certificates are being deleted; **Effective Date:** Fall 2014 (201510).

**1314-191 Digital Media Development Technical Certificate, CPM.....Rob McCaffrey**

**Purpose:** All digital media certificates are being reworked this year to avoid embedded pre-req courses and to create pathways to our newest AS specializations. Superfluous certificates are being deleted; **Effective Date:** Fall 2014 (201510).

**1314-192 Digital Media Video Production Technical Certificate, CPM.....Rob McCaffrey**

**Purpose:** All digital media certificates are being reworked this year to avoid embedded pre-req courses and to create pathways to our newest AS specializations. Superfluous certificates are being deleted; **Effective Date:** Fall 2014 (201510).

**1314-193 Webcast Media Technical Certificate, CPM.....Rob McCaffrey**

**Purpose:** All digital media certificates are being reworked this year to avoid embedded pre-req courses and to create pathways to our newest AS specializations. Superfluous certificates are being deleted; **Effective Date:** Fall 2014 (201510).

**1314-194 Webcast Technology Technical Certificate, CPM.....Rob McCaffrey**  
**Purpose:** All digital media certificates are being reworked this year to avoid embedded pre-req courses and to create pathways to our newest AS specializations. Superfluous certificates are being deleted; **Effective Date:** Fall 2014 (201510).

*1314-189 to 1314-194 were approved by consensus*

**1314-195 ITA 1120 Elementary Italian I, CCA.....Ana Caldero**  
**Purpose:** The department wants to offer other foreign languages besides Spanish, German, Portuguese, and French; **Catalog Course Description:** For students without two years of recent high school Italian completed within the last three years or department approval. Emphasis on everyday use of the language, integrating basic grammar, vocabulary, composition and culture through a conversational approach to Italian. Not open to native speakers. A minimum grade of C is required to pass this course if being used to satisfy the General Education Foreign Language requirement; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 4/4/0; **Effective Date:** Fall 2014 (201510).

**1314-196 ITA 1121 Elementary Italian II, CCA.....Ana Caldero**  
**Purpose:** To offer a follow up course for ITA 1120. The department wants to offer other foreign languages besides Spanish, German, Portuguese, and French; **Catalog Course Description:** For students without two years of recent high school Italian completed within the last three years or department approval. This course is a continuation of ITA 1120 and will continue the emphasis of everyday use of the language, integration of basic grammar, vocabulary composition, and culture through a conversational approach to Italian. Not open to native speakers. A minimum grade of C is required to pass this course if being used to satisfy the General Education Foreign Language requirement; **Prerequisites:** ITA 1120; **Co-requisites:** None; **Credit/Class/Lab Hours:** 4/4/0; **Effective Date:** Fall 2014 (201510).

**1314-197 Foreign Language Proficiency Requirement A.A. Degree, CPM.....Ana Caldero**  
**Purpose:** Request to add ITA 1120 and ITA 1121 (Elementary Italian I and II) to the Foreign Language Prof. Requirement; **Effective Date:** Fall 2014 (201510).

*Melody Boeringer stated that many schools in Florida, even high schools, don't offer Italian so it is a much needed resource in the community. Lester Sandres noted that he finds there are more students that request Italian courses than French.*

*Agenda items 1314-195 to 1314-197 were approved by consensus.*

**1314-198 CJK 0013 Interactions in a Diverse Community, CCA.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Catalog Course Description:** This course provides information on communication barriers which occur because of cultural differences or unclear expression. Crisis intervention and the special considerations required when interacting with individuals who have physical or developmental disabilities, mental illness or impairments is also covered.; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.333/40/0; **Effective Date:** Summer 2014 (201430).

**1314-199 CJK 0014 Interviewing and Report Writing, CCA.....Jeff Goltz**

**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Catalog Course**

**Description:** This course concentrates on note-taking, interviewing, report principles and mechanics; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.867/56/0;

**Effective Date:** Summer 2014 (201430).

**1314-200 CJK 0064 Fundamentals of Patrol, CCA.....Jeff Goltz**

**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Catalog Course**

**Description:** This course examines the techniques and tactics that officers use while on patrol to include Community Oriented Policing, officer safety and survival skills, and basic instruction on responding to calls and making an arrest; **Prerequisites:** None; **Co-requisites:** None;

**Credit/Class/Lab Hours:** 1.167/35/0; **Effective Date:** Summer 2014 (201430).

**1314-201 CJK 0065 Calls for Service, CCA.....Jeff Goltz**

**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Catalog Course**

**Description:** This course examines the more common non-criminal and criminal calls for service that an officer may encounter ranging from performing security checks to alleged violation of criminal law; **Prerequisites:** None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.20/36/0;

**Effective Date:** Summer 2014 (201430).

**1314-202 CJK 0078 From Crime Scene to Courtroom, CCA.....Jeff Goltz**

**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Catalog Course**

**Description:** This course focuses on the officer's role upon arriving at an incident or crime scene. The topics covered include processing the crime scene, obtaining information about what happened and participation in the prosecution process until the case is resolved; **Prerequisites:**

None; **Co-requisites:** None; **Credit/Class/Lab Hours:** 1.167/35/0; **Effective Date:** Summer 2014 (201430).

**1314-203 CJK 0092 Critical Incidents, CCA.....Jeff Goltz**

**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Catalog Course**

**Description:** This course provides an overview of the law enforcement techniques and tactics employed in confronting large scale or critical incidents including active shooters, natural disasters, hazardous material exposure and explosive devices; **Prerequisites:** None; **Co-**

**requisites:** None; **Credit/Class/Lab Hours:** 1.467/44/0; **Effective Date:** Summer 2014 (201430).

**1314-204 CJK 0007 Introduction To Law Enforcement, CCM.....Jeff Goltz**

**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Revised Course**

**Number:** CJK 0001; **Revised Credit/Class/Lab Hours:** .333/10/0; **Effective Date:** Fall 2014 (201510).

- 1314-205 CJK 0008 Law Enforcement Legal, CCM.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Revised Course Number:** CJK 0012; **Revised Credit/Class/Lab Hours:** 2.067/62/0; **Effective Date:** Fall 2014 (201510).
- 1314-206 CJK 0071 Law Enforcement Criminal Investigations, CCM.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Revised Course Number:** CJK 0077; **Revised Credit/Class/Lab Hours:** 1.667/50/0; **Effective Date:** Fall 2014 (201510).
- 1314-207 CJK 0082 Law Enforcement Traffic Stops, CCM.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Revised Course Number:** 0087; **Revised Credit/Class/Lab Hours:** 1.00/30/0; **Effective Date:** Fall 2014 (201510).
- 1314-208 CJK 0083 Law Enforcement DUI Traffic Stops, CCM.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Revised Course Number:** CJK 0084; **Effective Date:** Fall 2014 (201510).
- 1314-209 CJK 0086 Law Enforcement Traffic Crash Investigations, CCM.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement has mandated this change to the Basic Law Enforcement Training Program which must be instituted by July 1, 2014; **Revised Course Number:** CJK 0088; **Effective Date:** Fall 2014 (201510).
- 1314-210 CJK 0011 Law Enforcement Human Issues, CCD.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement Standards and Training Commission has mandated changes in the Law Enforcement Program. This course is being deleted as part of those changes; **Effective Date:** Fall 2014 (201510).
- 1314-211 CJK 0017 Law Enforcement Communications, CCD.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement Standards and Training Commission has mandated changes in the Law Enforcement Program. This course is being deleted as part of those changes; **Effective Date:** Fall 2014 (201510).
- 1314-212 CJK 0061 Law Enforcement Patrol I, CCD.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement Standards and Training Commission has mandated changes in the Law Enforcement Program. This course is being deleted as part of those changes; **Effective Date:** Fall 2014 (201510).

**1314-213 CJK 0062 Law Enforcement Patrol II, CCD.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement Standards and Training Commission has mandated changes in the Law Enforcement Program. This course is being deleted as part of those changes; **Effective Date:** Fall 2014 (201510).

**1314-214 CJK 0076 Law Enforcement Crime Scene Investigation, CCD.....Jeff Goltz**  
**Purpose:** The Florida Department of Law Enforcement Standards and Training Commission has mandated changes in the Law Enforcement Program. This course is being deleted as part of those changes; **Effective Date:** Fall 2014 (201510).

*Karen Borglum shared her concern about modifying and deleting courses with an effective date of summer 2014 at this time of the year, but Brenda Townsend explained that Florida Department of Law Enforcement mandated the changes so the Criminal Justice Institute has to comply. Karen suggested that they be approved for summer 2014, but there needs to be a sentence in the current catalog to indicate that students refer to the 14/15 catalog. Following the meeting, Karen had a phone conversation with Jeff Goltz who indicated that no changes needed to be made to the 2013/2014 catalog since the changes will impact new cohorts starting in September/October.*

*Agenda items 1314-198 to 1314-214 were approved by consensus.*

**1314-215 FFP 1780 Company Officer, CCD.....Karen Borglum**  
**Purpose:** FFP 2720 Company Officer will be replacing this course; **Effective Date:** Fall 2014 (201510).

**1314-216 PCB 2300C Aquatic Biology, CCD.....Karen Borglum**  
**Purpose:** According to Florida Statute 1007.24(8), courses that have not been taught in five years, must be removed from our catalog; **Effective Date:** Fall 2014 (201510).

**1314-217 PCB 2308 Natural History of Florida Rivers, CCD.....Karen Borglum**  
**Purpose:** According to Florida Statute 1007.24(8), courses that have not been taught in five years, must be removed from our catalog; **Effective Date:** Fall 2014 (201510).

**1314-218 SPN 2201H Intermediate Spanish II Honors, CCD.....Karen Borglum**  
**Purpose:** According to Florida Statute 1007.24(8), courses that have not been taught in five years, must be removed from our catalog; **Effective Date:** Fall 2014 (201510).

*Agenda items 1314-215 to 1314-218 were approved by consensus.*

**1314-219 AST 1002 Astronomy, CCM.....Irina Struganova**  
**Purpose:** Change in course description to reflect the content of the course and general education component; **Revised Catalog Course Description:** Introductory survey of astronomical universe. Includes study of the Earth as astronomical body as well as the physical processes which govern the evolution of planetary systems, stars, galaxies and the universe in general. Much emphasis on observational evidence, historical tests, and the scientific method. This course fulfills the general education science core requirement; **Effective Date:** Fall 2014 (201510).



*The last sentence of the course description was removed.*

**1314-220     AST 1002H     Astronomy-Honors, CCM.....Irina Struganova**

**Purpose:** Change in course description to reflect the content of the course and general education component; **Revised Catalog Course Description:** Same as AST 1002 with Honors content. Honors Program permission required; **Effective Date:** Fall 2014 (201510).

**1314-221     BOT 2010C     Botany, CCM.....Melissa Pedone**

**Purpose:** Changes in Prerequisite and Catalog Course Description; **Revised Prerequisite:** None (Previously: BSC 1010C or department approval); **Revised Catalog Course Description:** Study of structural organization, classification, physiology, reproduction, heredity, and evolution of plants. Includes survey of plant kingdom and comparison of various plant groups. This course meets the General Education Science requirement for graduation. Students should be prepared to complete college level reading, writing, and mathematics assignments. (Additional laboratory fee required.) **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

*The last sentence was changed to: Students should be able to complete college level reading, writing, and mathematics assignments.*

*The lab fee statement was also removed from the description.*

**1314-222     BOT 2800     Ethnobotany, CCM.....Melissa Pedone**

**Purpose:** Minor edits to the Catalog Course Description; **Revised Catalog Course Description:** General education credit course. The course will emphasize the role of plants in the development of civilization, and the influence of plants on world history, politics, economics and culture. A survey of useful and harmful plants and plant products from various cultures from around the world will be explored. Students should be able to complete college level reading, writing, and mathematics assignments as part of this course. **Effective Date:** Fall 2014 (201510).

**1314-223     BSC 1005     Biological Science, CCM.....Melissa Pedone**

**Purpose:** Minor edits to Catalog Course Description; **Revised Catalog Course Description:** An introduction to essential principles of biological science. Topics include, but are not limited to, the nature of science and the scientific method, chemistry for biology, cell structure, metabolism, reproduction and genetics, organisms, evolution theory, and classification of organisms. This is a general education course for non-biology majors. It is also recommended for students who need preparation before enrolling in a biology course for science majors. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education Core Science requirement for graduation; **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

*The last sentence was then changed to: Students should be able to complete college level reading, writing, and mathematics assignments.*

**1314-224 BSC 1005L Lab in Applied Biology, CCM .....Melissa Pedone**  
**Purpose:** Minor edit to Catalog Course Description; **Revised Catalog Course Description:** General education credit course. Biology laboratory course that will satisfy the General Education Requirement for a laboratory science at many universities and may be taken concurrently with, or independently of BSC 1005. Students should be able to complete college level reading, writing, and mathematics assignments as part of this course. Additional laboratory fee applies; **Effective Date:** Fall 2014 (201510).

*The first sentence was changed to: A Biology laboratory course that may be taken concurrently with, or independently of BSC 1005.*

*The lab fee statement was also removed from the description.*

**1314-225 BSC 1005C Biological Science, CCM.....Melissa Pedone**  
**Purpose:** Minor edits to Catalog Course Description; **Revised Catalog Course Description:** General education credit course. Same as BSC 1005 and BSC 1005L with class and lab combined. Students should be able to complete college level reading, writing, and mathematics assignments as part of this course. Additional laboratory fee applies; **Effective Date:** Fall 2014 (201510).

*The first sentence of the course description was removed in addition to the lab fee statement.*

**1314-226 BSC 1010C Fundamentals of Biology I, CCM.....Melissa Pedone**  
**Purpose:** Minor edits to the Catalog Course Description; **Revised Catalog Course Description:** Introduction to fundamental biological principles emphasizing common attributes of all living organisms. Unifying concepts include chemical structure of living matter, structure and function of the cell, specialized cells, major metabolic functions, control systems, reproduction, genetics, evolution and ecology. Prerequisite for advanced biology courses. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirements for graduation. (Lab Fee: \$62); **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

*The last sentence was then changed to: Students should be able to complete college level reading, writing, and mathematics assignments.*

**1314-227 BSC 1010H Fundamentals of Biology I-Honors, CCM.....Melissa Pedone**  
**Purpose:** Minor edits to the Catalog Course Description; **Revised Catalog Course Description:** Same as BSC 1010C with honors content. Honors program permission required; **Effective Date:** Fall 2014 (201510).

**1314-228 BSC 1011C Fundamentals of Biology II, CCM .....Melissa Pedone**  
**Purpose:** Minor edits to Catalog Course Description; **Revised Catalog Course Description:** A continuation of BSC1010C. Includes an analysis of biological systems at the organismal and supraorganismal levels: unity and diversity of life, organismal structure and function. Will examine such topics as: Darwinism, origin of life, diversity, and origin of Eukaryotes, evolution and diversity of the three Domains; animal and plant morphology, reproduction, development of animal behavior, population biology and ecology. Students should be prepared to complete

college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirements for graduation. (Special Fee: \$62.00); **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.  
The last sentence was then changed to: Students should be able to complete college level reading, writing, and mathematics assignments.*

**1314-229 BSC 1020 Human Biology, CCM.....Lisa Sward**

**Purpose:** Update General Education information in Catalog Course Description; **Revised Catalog Course Description:** A general education non-laboratory course for students not majoring in biology and includes the application scientific method and study of the human body with an emphasis on major organ systems and processes and their links to biological concepts underlying major societal and bioethical issues. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirement for graduation; **Effective Date:** Fall 2014 (201510).

*The first sentence of the course description was changed to: This course includes the application of the scientific method and study of the human body with an emphasis on major organ systems and processes and their links to biological concepts underlying major societal and bioethical issues.*

*The sentence that refers to the General Education Science requirement was removed.  
The last sentence was then changed to: Students should be able to complete college level reading, writing, and mathematics assignments.*

**1314-230 BSC 1020C Human Biology, CCM.....Lisa Sward**

**Purpose:** Update General Education information in Catalog Course Description; **Revised Catalog Course Description:** A general education course for students not majoring in biology that is fully integrated with a laboratory that emphasizes active learning strategies and includes application of scientific method and study of human biology with an emphasis on major organ systems and processes, human development, genetics, diseases, biochemical processes and their relation to the human body, and biological concepts underlying major societal and bioethical issues. Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirement for graduation. (Special Fee: \$62.00); **Effective Date:** Fall 2014 (201510).

*The first sentence of the course description was changed to: This course is designed for students not majoring in biology that is fully integrated with a laboratory that emphasizes active learning strategies and includes application of scientific method and study of human biology with an emphasis on major organ systems and processes, human development, genetics, diseases, biochemical processes and their relation to the human body, and biological concepts underlying major societal and bioethical issues.*

*The sentence that refers to the General Education Science requirement was removed.*

*The last sentence was then changed to: Students should be able to complete college level reading, writing, and mathematics assignments.*

**1314-231 BSC 1026 Biology of Human Sexuality, CCM.....Lisa Sward**

**Purpose:** Update General Education information for Catalog Course Description; **Revised Catalog**

**Course Description:** General, non-laboratory course designed to introduce students to various biological aspects of human sexuality, including sexual genetics and sex determination, sexual anatomy, physiology and development, processes of fertilization, pregnancy, birth control, sexually transmitted diseases, menstruation, menopause, and aging. Other appropriate areas may be discussed when time permits.

Students should be prepared to complete college level reading, writing, and mathematics assignments as part of this course. This course meets the General Education science requirement for graduation; **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

*The last sentence was then changed to: Students should be able to complete college level reading, writing, and mathematics assignments.*

**1314-232 BSC 2093C Human Anatomy and Physiology I, CCM .....Lisa Sward**

**Purpose:** Updated Catalog Course Description to include General Education requirements; and revised prerequisites; **Revised Prerequisites:** Satisfactory completion of all mandated courses and a minimum grade of C in BSC 1010C or MCB 2010C; or a minimum grade of B for acceptable high school courses, such as Honors Biology and Honors Chemistry; or AP Biology and AP Chemistry (Previously: Satisfactory completion of all mandated courses in reading, mathematics, English, and EAP; and a minimum grade of C in: Honors high school biology or AP biology and Honors high school chemistry or AP chemistry; or BSC 1010C; **Revised Catalog Course**

**Description:** Scientific method, biochemical processes of life, cells, tissues, structure and function of integumentary, skeletal, muscular, endocrine and nervous systems, and organs of special senses. Lab exercises emphasize anatomic and physiologic principles associated with classroom work. This course meets the General Education science requirement for graduation. (Special Fee: \$62.00); **Effective Date:** Fall 2014 (201510).

*The committee pointed out that this prerequisite revision would increase the numbers of students coming in to see advisors and deans for overrides. The committee agreed that the prerequisites should not be revised, but the minimum required grades should be a B in all of the prerequisite courses.*

*The sentence that refers to the General Education Science requirement was removed.*

**1314-233 BSC 2094C Human Anatomy and Physiology II, CCM .....Melissa Pedone**

**Purpose:** Minor edits to the Catalog Course Description; **Revised Catalog Course Description:** Continuation of BSC 2093C, including cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems with considerable emphasis on biochemistry of metabolic processes and body fluids. This course meets the General Education science requirements for graduation. (Special Fee: \$62.00); **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-234 CHM 1025C Introduction to General Chemistry, CCM .....Melissa Pedone**

**Purpose:** Minor edits to Catalog Course Description; revised prerequisites; **Revised**

**Prerequisites:** Minimum grade of C in high school Honors Algebra II or MAT 1033C (Previously: One year of high school algebra or minimum grade of C in MAT 0020C or appropriate score on an approved assessment); **Revised Catalog Course Description:** Prepares students without high school chemistry or with inadequate background for CHM 1045C. Modern chemical theories used to develop understanding of fundamentals of inorganic chemistry and its applications. Emphasis on quantitative relationships, using dimensional analysis to solve problems. Laboratory experiences are integral part of course.

May not be taken for credit subsequent to earning C or better in CHM 1045C. This course meets the General Education science requirement for graduation. (Special Fee: \$73.00); **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-235 CHM 1045C Gen. Chemistry w/Qualitative Analysis I, CCM..Melissa Pedone**

**Purpose:** Minor edits to Catalog Course Description and revised prerequisites; **Revised**

**Prerequisites:** CHM 1025C or one year of high school chemistry with a minimum grade of C; and MAC 1105 or honor's high school algebra II with a minimum grade of C (Previously: CHM 1025C or one year of high school chemistry with a minimum grade of C; and MAC 1102 or MAC 1105 or two years of high school algebra or an appropriate score on an approved mathematics assessment); **Revised Catalog Course Description:** A study of the basic principles of chemistry including chemical reactivity, atomic structure, chemical bonding, molecular geometry, periodicity, stoichiometry, and kinetic-molecular treatment of gases. Laboratory illustrates principles discussed in classroom. This course fulfills the general education science core requirement. (Special Fee: \$73.00); **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-236 CHM 1045H Gen. Chem. w/Qualitative Analysis I-Honors, CCM... M. Pedone**

**Purpose:** Minor edits to Catalog Course Description and revised prerequisites; **Revised**

**Prerequisites:** CHM 1025C or one year of high school chemistry with a minimum grade of C; and MAC 1105 or honor's high school algebra II with a minimum grade of C (Previously: CHM 1025C or one year of high school chemistry with a minimum grade of C; and MAC 1102 or MAC 1105 or two years of high school algebra or an appropriate score on an approved mathematics assessment); **Revised Catalog Course Description:** Same as CHM 1045C with Honors content. Honors Program permission required. (Special Fee: \$73.00); **Effective Date:** Fall 2014 (201510).

**1314-237 CHM 1046C Gen. Chem. w/Qualitative Analysis II, CCM.....Melissa Pedone**

**Purpose:** Minor edits to Catalog Course Description; **Revised Catalog Course Description:**

Continuation of CHM 1045C dealing mainly with equilibrium theory, thermodynamics, chemical kinetics and electrochemistry. Laboratory illustrates principles of ionic equilibria within

framework of qualitative analysis. This course meets the General Education science requirement for graduation. (Special Fee: \$73.00).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-238 CHM 1046H Gen. Chem. w/Qual. Analysis II-Honors, CCM ..... M. Pedone**  
**Purpose:** Course can satisfy the General Education science requirement for graduation; **Effective Date:** Fall 2014 (201510).

**1314-239 CHM 2210C Organic Chemistry I, CCM.....Melissa Pedone**  
**Purpose:** Minor edits to catalog course description; **Revised Catalog Course Description:** This course deals with organic compounds, their properties, reactions, and synthesis, emphasizing dependence of properties and reaction mechanisms upon structure. Laboratory illustrates techniques of separation, identification, and purification; **Effective Date:** Fall 2014 (201510).

**1314-240 ESC 1000 Earth Sciences, CCM.....Melissa Pedone**  
**Purpose:** Minor edits to Catalog Course Description; **Revised Catalog Course Description:** Study of earth sciences with emphasis on geology. Additional topics selected from astronomy, oceanography and meteorology. Emphasis on Florida. This course fulfills the General Education Science Core Requirement; **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-241 GLY 2010C Physical Geology, CCM.....Melissa Pedone**  
**Purpose:** Minor edits to Catalog Course description; **Revised Catalog Course Description:** Deals with physical structure of earth. Includes effects of volcanic activity, glaciation, diastrophism (formation of major crustal features; continents; ocean beds, folds, faults, and mountain building), tectonics (structural deformation and readjustment of crust), sediments, erosional features, rock and mineral formation along with new and current geological developments. This course meets the General Education science requirement for graduation. (Special Fee: \$65.00); **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-242 GLY 2100C Historical Geology, CCM.....Melissa Pedone**  
**Purpose:** Update lab fee to match what was already changed for GLY 2100H. This fee was not changed because the non-honors version was not offered at that time; **Revised Lab Fee:** \$72.00 (Previously: \$56.00); **Effective Date:** Fall 2014 (201510).

**1314-243 MCB 2010C Microbiology, CCM .....Melissa Pedone**  
**Purpose:** Minor edits to course description; **Revised Catalog Course Description:** This lecture/lab course is designed for Health Sciences majors. Survey of microbial forms with emphasis on bacteria and viruses: morphology, physiology, genetic mechanisms and control of microorganisms. Pathogenic processes and microbes discussed in detail. This course meets the General Education science requirement for graduation; **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-244 MET 1010 Introduction to Meteorology, CCM.....Melissa Pedone**  
**Purpose:** Minor edits to course description; **Revised Catalog Course Description:** Introduction to study of atmospheric phenomena. Includes study of atmospheric structure, heat budget, winds, air pollution, and local and regional weather forecasting. This course meets the General Education science requirement for graduation; **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-245 PHY 2048C General Physics w/Calculus I, CCM.....Irina Struganova**  
**Purpose:** Enhance prerequisites (same courses, but with a minimum grade of C); change in course description to reflect General Education component; lab fee change (correction); **Revised Prerequisites:** Minimum grade of C in MAC 2311 or higher (Previously: MAC 2311); **Revised Catalog Course Description:** Fundamental principles of mechanics and thermal physics. For physics, mathematics, chemistry, and pre-engineering majors. This course fulfills the general education science core course requirements; **Revised Lab Fee:** \$57.00 (Previously: \$56.00); **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-246 PHY 2048H General Physics w/Calculus I-Honors, CCM .....Irina Struganova**  
**Purpose:** Enhance prerequisites (same courses, but with a minimum grade of C); change in course description to reflect General Education component; lab fee change (correction); **Revised Prerequisites:** Minimum grade of C in MAC 2311 or higher (Previously: MAC 2311); **Revised Catalog Course Description:** Same as PHY 2048C. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Revised Lab Fee:** \$57.00 (Previously: \$56.00); **Effective Date:** Fall 2014 (201510).

**1314-247 PHY 2049C General Physics with Calculus II, CCM .....Irina Struganova**  
**Purpose:** Enhance prerequisites (same courses, but with a minimum grade of C); change in course description to reflect General Education component; lab fee change (correction); **Revised Prerequisites:** Minimum grade of "C" in PHY 2048C and in MAC 2312 (Previously: Mac 2312 and a minimum grade of C in PHY 2048C or PHY 2048H); **Revised Catalog Course Description:** Fundamental principles of electricity, magnetism, optics, and waves. For physics, mathematics, chemistry and pre-engineering majors. This course meets the general education science requirement for graduation; **Revised Lab Fee:** \$57.00 (Previously: \$56.00); **Effective Date:** Fall 2014 (201510).

*The sentence that refers to the General Education Science requirement was removed.*

**1314-248 PHY 2049H Gen. Physics w/Calculus II-Honors, CCM .....Irina Struganova**  
**Purpose:** Enhance prerequisites (same courses, but with a minimum grade of C); change in course description to reflect General Education component; lab fee change (correction); **Revised Prerequisites:** Minimum grade of "C" in PHY 2048C/PHY 2048H and minimum grade of "C" in MAC 2312/MAC 2312H (Previously: Min. grade of "C" in PHY 2048C/PHY 2048H and MAC

2312/MAC 2312H); **Revised Catalog Course Description:** Same as PHY 2049C. In addition, course content will satisfy one Honors Program learning outcome. Honors Program permission required; **Revised Lab Fees:** \$57.00 (Previously: \$56.00); **Effective Date:** Fall 2014 (201510).

*All lab fee changes, with the exception of the 4 courses on the consent agenda and agenda item 1314-242, will be brought forward at the March meeting.*

*Cheryl Robinson brought up a concern that has been mentioned before that course descriptions should not state that a course meets the General Education requirement.*

*The committee agreed and the course descriptions were edited as above.*

*Agenda items 1314-219 to 1314-248 were approved with the above changes.*

## 5. Discussion Items

*There are no Discussion Items this month.*

## 6. Information Items

**Transfer Plan Change:** Lower level course revision.

**Health Information Technology Program Change:** Change in Health Information Technology Program minimum GPA from 2.0 to 2.5 effective Fall 2014. Raising the HIT program GPA standards will help ensure students can meet the programs curriculum competencies.

The next meeting of the College Curriculum Committee is scheduled for March 19, 2014, and will be held on the East Campus, Room 3-113. *Deadline for submission of materials for the March agenda is **February 26, 2014.***