Curriculum Instructional Council
Actions Approved – April 14, 2022 Addendum

Subject: Art-Graphic Design (ARTG) Discipline: Graphic Arts

~ 100 Basic Graphic Design **24 - 27 hours lecture, 72 - 81 hours lab, 3 units** **Grade Only** This course is an introduction to the fundamental principles of graphic communication. Instruction incorporates traditional hand-rendering methods as well as use of the computer. In this class the fundamental principles and elements of design are identified and applied to two and three dimensional projects. This course is intended for students majoring in graphic design and anyone interested in basic graphic design. **FIELD TRIP REQUIREMENTS:** May be required **TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.	**Offered At:** City **Action(s) Proposed:** Course Activation (Currently active at another college) *Approved* **Proposed for College(s):** Miramar **Originating Campus:** MIRAMAR **Dist. Ed Proposed For College(s):** Miramar (Fully Online) **Effective:** Fall 2022

Subject: Computer And Information Sciences (CISC) Discipline: Computer Information Systems

187 Data Structures in C++ **48 - 54 hours lecture, 48 - 54 hours lab, 4 units** **Grade Only** **REQUISITES:** *Prerequisite:* Computer and Information Sciences 192 with a grade of "C" or better, or equivalent. This course introduces students to data structures and object-oriented software engineering. Emphasis is placed on implementing basic data structures, including collections and linked structures (stacks, queues, lists, arrays, trees, and hash tables) from the perspective of object-oriented programming. Topics include algorithms, object-oriented analysis, and the design and implementation of data structures in C++. This course is designed for students majoring in computer information systems and professionals in the field who want to update their programming skills. **FIELD TRIP REQUIREMENTS:** May be required **TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU. UC Transfer Course List.	**Offered At:** City, Mesa, Miramar **Action(s) Proposed:** Course Revision (May Include Activation) *Six Year Review* *Outline of Topics* *Student Learning Objectives* *Texts* *Approved* **Proposed for College(s):** Mesa, Miramar, City **Originating Campus:** MESA **Effective:** Fall 2022

*Requires Board of Trustees approval prior to implementation
~Course requires CCCCO submission
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Subject: Graphics (GRFX) Discipline: Commercial Art

110 Introduction to Producing Computer-aided Graphics **24 - 27 hours lecture, 72 - 81 hours lab, 3 units** **Grade Only** This course is an introduction to the techniques and workflows used to create print and screen graphics for publication, promotion, web, mobile app, sign and display, packaging, imprinted goods, and business communications using Adobe® Creative Cloud® and Apple® software. Emphasis is placed on the applied trade skills needed by graphic designers. This course is intended for students majoring in graphic production or anyone seeking graphic production capabilities to enhance career readiness. **FIELD TRIP REQUIREMENTS:** May be required **TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.	**Offered At:** Miramar **Action(s) Proposed:** Course Revision (May Include Activation) *Distance Education* *Approved* **Proposed for College(s):** Miramar **Originating Campus:** MIRAMAR **Effective:** Fall 2022

Subject: Graphics (GRFX) Discipline: Commercial Art

120 Typography - Introduction to Creating Readability **24 - 27 hours lecture, 72 - 81 hours lab, 3 units** **Grade Only** **REQUISITES:** *Prerequisite:* Graphics 110 with a grade of "C" or better, or equivalent. This introductory course provides hands-on skill-building practice in developing typographical products using current software and workflows. The course builds from single letterforms (as simple graphics) to words (studying positive/negative space balance), to paragraphs (organizing a narrative in hierarchies), to page composition (creating an effective reading experience). Typography is applied to common uses in commerce and culture. This course is intended for students majoring in graphic production or anyone seeking graphic production capabilities to enhance career readiness. **FIELD TRIP REQUIREMENTS:** May be required **TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.	**Offered At:** Miramar **Action(s) Proposed:** Course Revision (May Include Activation) *Distance Education* *Approved* **Proposed for College(s):** Miramar **Originating Campus:** MIRAMAR **Effective:** Fall 2022

Subject: Physics (PHYS) Discipline: Physics/Astronomy

100 Introductory Physics **48 - 54 hours lecture, 48 - 54 hours lab, 4 units** **Letter Grade or Pass/No Pass Option** **REQUISITES:** *Prerequisite:* Mathematics 96 with a grade of "C" or better, or equivalent or Milestone M50. This course is designed for transfer-level students or for those wanting to acquire basic knowledge in physics with a minimum preparation in mathematics. A comprehensive coverage of subject matter in physics is presented, including mechanics, wave motions, thermodynamics, optics, electromagnetism, and atomic and nuclear physics. Emphasis is on the conceptual aspects, including explanation of natural phenomena. Concepts are reinforced through laboratory work. **FIELD TRIP REQUIREMENTS:** May be required **TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	**Offered At:** City, Mesa **Action(s) Proposed:** Course Revision (May Include Activation) *Distance Education* ## *Approved* **Proposed for College(s):** Mesa **Originating Campus:** MESA **Effective:** Fall 2022

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PROGRAM CHANGES
(Note: To view from *Proposals* screen, click *Program Search* button, scroll down to program name, then option title, if appropriate, and click *PR* icon.)