

Approved

**Curriculum Instructional Council
Actions Approved – January 31, 2019**

Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>*~ 177 Acrobat Portable Document Format File Creation 16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 114 with a grade of "C" or better, or equivalent. This hands-on course offers instruction in the creation of Acrobat Portable Document Format (PDF) documents, the standard file format for portable print and Internet documents. Students develop skills in creating PDF documents, embedding multimedia, adding interactive navigation, and creating forms. This course is designed for students studying Web design and anyone interested in PDF document creation.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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Subject: Dance (DANC) Discipline: Dance

<p>271A Stage Costuming for Dance 48 - 108 hours lab, 1-2 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Dance 271. This production oriented course introduces students to the techniques of costume design and organization for a full dance production. Emphasis is placed on costume design, modification, and craft techniques, as well as on the organizational structure required for costume production for a staged dance performance. This course is intended for dance majors and all students interested in costume production for the stage.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> <i>Course Description</i> <i>Outline of Topics</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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*Requires Board of Trustees approval prior to implementation
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Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>104 Geographic Information Science and Spatial Reasoning 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Mathematics 96 with a grade of "C" or better, or equivalent or Skill Level/Milestone M50. <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Skill Levels/Milestones R6 and W6. This course is an introduction to Geographic Information Systems (GIS). Emphasis is placed on the fundamental concepts of GIS. Topics include an overview of cartography, remote sensing, and global positioning systems (GPS) as well as GIS data sources, implementation steps, spatial analysis, and applications in government and business. Students are provided the hands-on experience required to visualize information and identify spatial patterns. This course is designed for all students interested in GIS and for professionals who want to know how to use GIS to better understand and analyze geographic data in their field.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Spring 2020</p>
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Subject: Physics (PHYS) Discipline: Physics/Astronomy

<p>197 Waves, Optics and Modern Physics 64 - 72 hours lecture, 48 - 54 hours lab, 5 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Physics 196 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physics 195C and Physics 196C. This is the third semester of a three semester calculus-based Physics course designed for prospective scientists and engineers. Topics include the fundamental principles of physics of waves, the behavior of light, and an introduction to relativity, quantum physics and the atomic and nuclear properties of matter.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Spring 2020</p>
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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.)

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