

**CSIS 571A Introduction to Assistive Computer Instruction Lab****Units:** .5 TO 2.0 **Hours:** 1.7 TO 6.8 Laboratory

The Assistive Computer Instruction Lab (Intro) is designed for students who are eligible for Disability Services. The course is designed to improve basic academic skills and/or cognitive processes through the use of appropriate software or to learn adaptive devices designed to make computers accessible. Course content is based on Student Educational Contracts which are developed for each student. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Student Educational Contract. This is an open entry, open exit course. **ADVISORY:** This course is intended for students with a verified disability or demonstrated academic deficit who show a need for the use of assistive computer programs and/or adaptive equipment.

**CSIS 571B Intermediate Assistive Computer Instruction Lab****Units:** .5 TO 2.0 **Hours:** 1.7 TO 6.8 Laboratory

The Assistive Computer Instruction Lab (Intermediate) is designed for students who are eligible for Disability Services. The course is designed to improve basic academic skills and/or cognitive processes through the use of appropriate software or to learn adaptive devices designed to make computers accessible. Course content is based on Student Educational Contracts which are developed for each student. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Student Educational Contract. This is an open entry, open exit course. **ADVISORY:** This course is intended for students with a verified disability or demonstrated academic deficit who show a need for the use of assistive computer programs and/or adaptive equipment.

**CSIS 571C Advanced Assistive Computer Instruction Lab****Units:** .5 TO 2.0 **Hours:** 1.7 TO 6.8 Laboratory

The Assistive Computer Instruction Lab (Advanced) is designed for students who are eligible for Disability Services. The course is designed to improve basic academic skills and/or cognitive processes through the use of appropriate software or to learn adaptive devices designed to make computers accessible. Course content is based on Student Educational Contracts which are developed for each student. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Student Educational Contract. This is an open entry, open exit course. **ADVISORY:** This course is intended for students with a verified disability who show a need for the use of assistive computer programs and/or equipment or demonstrated academic deficit.

**CSIS 572 Adaptive Computer Basics****Units:** 1.0 **Hours:** 3.0 Laboratory

This course will include an introduction to the basic concept of how computers work, using the computer keyboard, word processing, beginning Internet and presentation graphics. This course will be self-paced and adjusted so that students with disabilities can learn a number of adaptive devices designed to make computers accessible. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Student Educational Contract. **ADVISORY:** This course is intended for students with a verified disability who show a need for the use of adaptive computer programs and/or equipment or demonstrated academic deficit.

**CSIS 573 Assistive Computer Technology for Reading****Units:** .5 OR 1.0 **Hours:** .5 OR 1.0 Lecture

This course provides instruction in effective use of assistive computer technology for reading assistance. Students with disabilities will learn how to use software programs such as text-to-speech for improving reading skills. Special emphasis will be placed on reading comprehension, reading fluency, reading vocabulary and study skills. **ADVISORY:** Completion of Guidance 557 or demonstrated deficit in reading or written language achievement.

**CSIS 574 Assistive Computer Technology for Writing****Units:** .5 OR 1.0 **Hours:** .5 OR 1.0 Lecture

This course provides instruction in effective use of assistive computer technology for writing assistance. Students with disabilities will learn how to use text-to-speech and word prediction programs for improved writing skills. Special emphasis will be placed in vocabulary development, prewriting and editing for correct spelling, word usage and research facilitation. **ADVISORY:** Completion of Guidance 557 or demonstrated deficit in reading or written language achievement.

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**Construction: see Industrial Technology**

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**COOPERATIVE WORK EXPERIENCE****CWE 190 Occupational Work Experience****Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory**Transferable:** CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

**CWE 192 General Work Experience Education****Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory**Transferable:** CSU

General work experience for students who have a job unrelated to their major. General work experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes and career awareness. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum of 4 units. Minimum 2.00 GPA.

**CWE 290 Occupational Work Experience****Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

**COSMETOLOGY****COS 200 Beginning Cosmetology****Units:** 12.0 **Hours:** 5.0 Lecture and 20.0 Laboratory

Fundamental principles of the science/art of beauty culture including hair design, chemical services and cosmetic therapy. **ADVISORY:** Eligible for English 250, 260 and Mathematics 205.

**COS 201 Intermediate Cosmetology****Units:** 12.0 **Hours:** 5.0 Lecture and 20.0 Laboratory

Extended studies and techniques in tinting, bleaching, permanent waving, soft perming, chemical straightening, pedicuring, waxing, and shaping and styling. **PREREQUISITE:** Successful completion of Cosmetology 200 with a grade of 'C' or better. **ADVISORY:** Eligible for English 250, 260 and Mathematics 205.

**COS 202 Advanced Cosmetology****Units:** 12.0 **Hours:** 5.0 Lecture and 20.0 Laboratory

Advanced techniques in tinting, lightening, hair design and cosmetic chemistry. **PREREQUISITE:** Completion of COS 200 & 201. **ADVISORY:** Eligible for English 250, 260 and Mathematics 205.

**COS 203 Practicum****Units:** .5 TO 12.0 **Hours:** .0 TO 5.0 Lecture, .0 TO 20.0 Laboratory

Advanced techniques in tinting, lightening, hair and design and cosmetic chemistry. **PREREQUISITE:** Completion of COS 200, 201 and 202. **ADVISORY:** Eligible for English 250, 260 and Mathematics 205.

**COS 205 State Board Review****Units:** 2.0 **Hours:** 1.0 Lecture and 4.0 Laboratory

State Board exam procedures and standards. **ADVISORY:** Cosmetology 201.

**COS 207 Contemporary Styling****Units:** 4.5 **Hours:** 4.5 Lecture and 27.0 Laboratory

Studies and techniques in braiding, weaving, glass nails, silk wrap, individual lash and brow tinting, corrective make-up and low lights. This is a 6 week class offered in summer session only. **ADVISORY:** Satisfactory completion of Cosmetology 200. Eligible for English 250, 260, and Mathematics 205. Intermediate and Advanced cosmetology enrollments only.

**COS 220 Scientific Skin Care (Esthetics)****Units:** 8.0 **Hours:** 4.4 Lecture and 13.3 Laboratory

An introductory course designed to provide the skills necessary to be employed as an Esthetician (Facialist). Skills taught include skin care and treatment, cosmetics, and the use of electrical modalities. **REQUIRED:** 17 years of age, completed 10th grade or equivalent, as per State Board of Cosmetology.

**COS 221 Advanced Scientific Skin Care (Esthetics)****Units:** 8.0 **Hours:** 4.4 Lecture and 13.3 Laboratory

An advanced in-depth study and training in the care and treatment of skin, cosmetics and manipulative electrical modalities as required by the State Board of Cosmetology. **PREREQUISITE:** Completion of COS 220 or equivalent.

**COS 223 Independent Study****Units:** 1.0 OR 2.0 **Hours:**

Designed to afford selected students specialized opportunities for exploring areas at the independent study level. The courses may involve extensive library work, research in the community, or special projects. This course has the option of a letter grade or pass/no pass. **REQUIRED:** The study outline prepared by the student and the instructor must be filed with the Department and the Area Dean.

**COS 290 Occupational Work Experience / Cosmetology****Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

**COS 291A Workplace Skills****Units:** 1.0 **Hours:** 1.0 Lecture

Workplace Skills teaches skills vital to workplace success. The topic for 291A is Interpersonal Communication. Need not be taken in sequence. This is a pass/no pass course. Course was previously listed as 191A.

**COS 291B Workplace Skills****Units:** 1.0 **Hours:** 1.0 Lecture

Workplace Skills teaches skills vital to workplace success. The topic for 291B is team building. Need not be taken in sequence. This is a pass/no pass course. Course was previously listed as 191B.

**COS 291C Workplace Skills****Units:** 1.0 **Hours:** 1.0 Lecture

Workplace Skills teaches skills vital to workplace success. The topic for 291C is Problem Solving. Need not be taken in sequence. This is a pass/no pass course. This course was previously listed as 191C.

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**Computerized Accounting: see Accounting**

**Corrections: see Administration of Justice**

**CPR: see Allied Health**

**Desktop Publishing: see CSIS**

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**DIGITAL MEDIA****DM 6 Web Page Authoring I****Units:** 2.0 **Hours:** 2.0 Lecture**Transferable:** CSU; GAV-GE:E2

An introduction to using Hypertext Mark-Up Language (HTML) and Extensible HTML (XHTML) to create web pages which can be uploaded and displayed on the World Wide Web. Students will use HTML/XHTML to create web pages with text in various sizes and colors, links to other sites, background color or patterns, graphics, tables and mailto links. Principles of design and color as they apply to screen presentations will be included. This course has the option of a letter grade or pass/no pass. Also listed as CSIS 6 and LIB 6. **ADVISORY:** CSIS 1 or CSIS 2 or CSIS 3/LIB 3 advised.

**DM 7 Web Page Authoring II****Units:** 2.0 **Hours:** 2.0 Lecture**Transferable:** CSU

This course is a continuation of CSIS 6, Web Page Authoring I. Topics that will be covered include XHTML, frames, advanced tables, forms, scripting languages, image maps, Cascading Style Sheets (CSS), and new trends in web page technology. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 7. **ADVISORY:** CSIS 6

**DM 60 Introduction to Animation****Units:** 3.0 **Hours:** 2.0 Lecture and 3.0 Laboratory**Transferable:** CSU, UC

Following the fascinating history and culture of animation, the fundamentals, styles, and aesthetics of animation are explored. A variety of production techniques and technology such as Cel Animation, claymation, rotoscoping, stop motion, Telecomics, and finally ending in the use of computers for 3D, modeling and animation are discussed and used for a variety of required projects. Students will have an introduction to modeling, texturizing, rigging, and animation using industry standard software. Useful for those interested in animation for video/film, web, art or game design. This course has the option of a letter grade or pass/no pass. **ADVISORY:** Basic computer skills.

**DM 73 Desktop Publishing - Adobe InDesign****Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU

This course will provide students the opportunity to learn to use basic features of desktop publishing software to create all types of publications: flyers, brochures, newsletters, and advertisements. Included in the course will be basic page layout and design principles and integrating text and graphics to create attractive business publications. The course will be taught with Adobe InDesign. This course has the option of a letter grade or pass/no pass. Also listed as CSIS 73. **ADVISORY:** Completion of CSIS 1 or completion of CSIS 2.

**DM 74 Advanced PhotoShop****Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU; GAV-GE:C1

This is an intermediate level course in mastering Adobe's Photoshop software. Students will learn advanced strategies in professional digital editing. Students will apply creative techniques for print, video, animation and the web. Students will develop skills in luminance, color and exposure to optimize images with adjustment layers and masks, and cutting-edge selection techniques. There will be a focus in post processing for landscape, portrait and panoramic imaging suited for the artist, photographer and design student. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 74. **ADVISORY:** DM/ART/CSIS 75 PhotoShop I

**DM 75 Photoshop I - Adobe PhotoShop****Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU; GAV-GE:C1

This is an entry level course in mastering Adobe's Photoshop software. Students will learn creative and fundamental processes in professional digital image editing. Hands on lessons provide students with skills to manage today's image libraries. Students will be introduced to Photoshop's Bridge and Camera Raw utilities while crafting state of the art compositions for print, video, animation and the web. There is a focus on basic tonal and color adaptations, digital painting, black and white conversion, special effects, and correction and restoration techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 75. **ADVISORY:** CSIS 124 (Windows Fundamentals), CSIS 2L