

CSIS 182 Operating Systems

Units: 4.0 **Hours:** 3.0 lecture 3.0 Laboratory
Transferable: CSU

This course will survey current computer operating systems such as Microsoft Windows 98, NT, 2000 and XP. Linux will also be covered. Topics include file system management, systems requirements, network systems integration, security, and regular maintenance procedures. This course has the option of a letter grade or pass/no pass. **ADVISORY:** CSIS 1 or CSIS 2 or equivalent computer experience

CSIS 183 Introduction to Microsoft Servers

Units: 4.0 **Hours:** 3.0 lecture 3.0 Laboratory
Transferable: CSU

This course introduces students to the fundamentals of Microsoft Server setup and administration. Topics include managing file systems (including Active Directories), devices, user accounts, backups, and basic security. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. **ADVISORY:** CSIS 182.

CSIS 190 Occupational Work Experience/Computer Science

Units: 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory
Transferable: CSU

College credit for learning experience obtained on the job in accordance with a training plan developed cooperatively between the employer, college and student. 75 hours per semester per unit or 60 hours per semester for unpaid experience. This is a pass/no pass course. May be taken for a maximum of 16 work experience units. **REQUIRED:** Declared vocational major. Concurrent enrollment in seven or more units (including CWE units, except for summer school. For summer school, enrollment in one other class is required). Minimum 2.00 G.P.A.

CSIS 274 Telecommunication and Network Cabling

Units: 2.0 **Hours:** 1.0 lecture 3.0 Laboratory
Transferable: No

This course provides an introduction to telecommunications and network cabling. Students will receive hands-on training in installing, terminating, testing, and troubleshooting both copper and fiber optic-based cabling systems. This course has the option of a letter grade or pass/no pass.

CSIS 570 Computer Access Evaluation

Units: .5 **Hours:** 1.5 Laboratory
Transferable: No

This course is intended to provide an in-depth computer access evaluation in order to determine an appropriate access environment for a student with a disability or multiple disabilities. 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 571 Computer Assisted Instruction

Units: .5 TO 2.0 **Hours:** 1.5 TO 6.0 Laboratory
Transferable: No

This course is an Assistive Computer Technology Lab 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 assistive 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 adaptive computer programs and/or equipment or demonstrated academic deficit.

CSIS 572 Adaptive Computer Basics

Units: 1.0 **Hours:** 3.0 Laboratory
Transferable: No

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.

Computerized Accounting: see ACCT 120
Construction: see Industrial Technology (IT)
Corrections: see Administration of Justice

COSMETOLOGY**COS 191A Workplace Skills**

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: No

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

COS 191B Workplace Skills

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: No

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

COS 191C Workplace Skills

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: No

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

COS 200 Beginning Cosmetology

Units: 12.0 **Hours:** 5.0 lecture 20.0 Laboratory
Transferable: No

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

COS 201 Intermediate Cosmetology

Units: 12.0 **Hours:** 5.0 lecture 20.0 Laboratory
Transferable: No

Extended studies and techniques in tinting, bleaching, permanent waving, shaping, styling, acrylic nail, pedicuring, chemical straightening, soft perming, waxing, care of skin and make-up. **ADVISORY:** Satisfactory completion of Cosmetology 200. Eligible for English 250, 260 and Mathematics 205.

COS 202 Advanced Cosmetology

Units: 12.0 **Hours:** 5.0 lecture 20.0 Laboratory
Transferable: No

Advanced techniques in tinting, lightening, hair design and cosmetic chemistry. May be repeated once for credit. **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
Transferable: No

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

COS 204 Job Entry Skills

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: No

Skills for competing in the job market. Includes employment strategies, interpersonal skills, marketing personal services, teamwork and quality management. **ADVISORY:** Eligible for English 250 and English 260.

COS 205 State Board Review

Units: 2.0 **Hours:** 1.0 lecture 4.0 Laboratory
Transferable: No

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

COS 207 Contemporary Styling

Units: 4.5 **Hours:** 4.5 lecture 27.0 Laboratory
Transferable: No

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. May be repeated once for credit. **ADVISORY:** Satisfactory completion of Cosmetology 200. Eligible for English 250, 260, and Mathematics 205. Intermediate and Advanced cosmetology enrollments only.

COS 208 Cosmetology Chemistry

Units: 4.5 **Hours:** 4.5 lecture 27.0 Laboratory
Transferable: No

Fundamental principles of cosmetic chemistry as it applies to chemical waving, straightening, coloring and lightening. This 6 week course is offered in summer session only. **ADVISORY:** Completion of Cosmetology 200. Eligible for English 250 and 260.

COS 220 Scientific Skin Care (Esthetics)

Units: 4.0 TO 8.0 **Hours:** 1.5 TO 3.0 Lecture, 7.5 TO 15.0 Laboratory
Transferable: No

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: 4.0 TO 8.0 **Hours:** .0 TO 3.0 Lecture, .0 TO 15.0 Laboratory
Transferable: No

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 290 Occupational Work Experience/Cosmetology

Units: 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory
Transferable: No

College credit for learning experience obtained on the job in accordance with a training plan developed cooperatively between the employer, college and student. 75 hours per semester per unit or 60 hours per semester for unpaid experience. This is a pass/no pass course. May be taken for a maximum of 16 work experience units. **REQUIRED:** Declared vocational major. Concurrent enrollment in seven or more units (including CWE units, except for summer school. For summer school, enrollment in one other class is required). Minimum 2.00 G.P.A.

CPR: see Allied Health**Desktop Publishing: see CSIS or DM****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. May be repeated three times for credit. 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. May be repeated three times for credit. This course is also listed as CSIS 7. **ADVISORY:** CSIS 6

DM 48A Computer Art I

Units: 3.0 **Hours:** 2.0 lecture 4.0 Laboratory
Transferable: CSU

A survey course focused on digital art and the technical and historical aspects of digital imaging. Students will engage in the development of personal artistic expression and visual perception in the creation of a unified body of digitally generated artwork utilizing creative digital image processing software. The course will include lectures and discussions about composition and content, computer hardware and peripheral use, digital image processing software, digital materials, input and output devices, and presentation techniques. Lectures will include the basics of animation, 3-D graphics, and web ready graphics. Also listed as Art 48A. **ADVISORY:** Eligible for English 250 and English 260; concurrent enrollment in CSIS 1 recommended.

DM 48B Computer Art II

Units: 3.0 **Hours:** 2.0 lecture 4.0 Laboratory
Transferable: CSU

Advanced digital art and the technical and historical aspects of advanced digital imaging. Students will engage in the development of personal artistic expression and visual perception in the creation of a unified body of digitally generated artwork utilizing creative digital image processing software. The course will include lectures and discussions about composition and content, computer hardware and peripheral use, digital image processing software, digital materials, input and output devices, and presentation techniques. Lectures will include advanced animation, 3-D graphics, and web ready graphics. Also Listed as ART 48B. **ADVISORY:** Art 48A

DM 60 3D Animation I

Units: 3.0 **Hours:** 2.0 lecture 3.0 Laboratory
Transferable: CSU

Fundamentals and aesthetics of digital 3D animation, including modeling, animation and rendering. Focus on computer animation tools and techniques including workflow and storyboarding. Builds a solid foundation for developing character animation, architecture walkthroughs, and special-effect sequences. This course has the option of a letter grade or pass/no pass. May be repeated once for credit. **ADVISORY:** Any of the following: DM 77, DM 75, DM 76, DM 110, CGD 2, ART 48A, ART 48B, or equivalent.