

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 to make computers accessible. Course content is based on Academic Accommodations Plans 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 Academic Accommodations Plan. 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 Academic Accommodation Plans 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 Academic Accommodation Plan. 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.

CSIS 575 Assistive Computer Technology for Reading and Writing**Units:** 1.0 **Hours:** 1.0 Lecture

This course provides instruction in effective use of assistive computer technology for reading and writing assistance. Students with disabilities will learn how to use text-to-speech and word prediction programs for improved reading, writing and study skills. Special emphasis will be placed on reading comprehension, vocabulary development, prewriting and editing for correct usage and research facilitation. This course is pass/no pass.

COOPERATIVE WORK EXPERIENCE**CWE 190 Occupational Work Experience****Units:** 1.0 TO 4.0 **Hours:** 3.3 TO 16.7 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. Student repetition is allowed per Title 5 Section 55253. Minimum 2.00 GPA. REQUIRED: Declared vocational major.

CWE 192 General Work Experience Education**Units:** 1.0 TO 4.0 **Hours:** 3.3 TO 16.7 Laboratory

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. Student repetition is allowed per Title 5 Section 55253. Minimum 2.0 GPA.

CWE 290 Occupational Work Experience**Units:** 1.0 TO 4.0 **Hours:** 3.3 TO 16.7 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. Student repetition is allowed per Title 5 Section 55253. 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.

CSIS 160 Game Design**Units:** 3.0 **Hours:** 3.0 Lecture

Intended for students who want to explore game design and computational media. Compelling successful games are created by developers who have absorbed the fundamental principles of good game design. Students will analyze existing games for their educational and entertainment value, and create their own games using freely available software and game development environments. Key concepts such as game math, textures and materials, geometry and topology, lighting, sound and special effects will be explored. No previous programming experience is necessary. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 160.

CSIS 162 Introduction to Database Systems**Units:** 3.0 **Hours:** 3.0 Lecture

An introduction to database systems, including the design, use and administration of databases. This course has the option of a standard letter grade or pass/no pass. PREREQUISITE: CSIS 45, CSIS 5, or CSIS 24.

CSIS 178 Applied Networking**Units:** 4.0 **Hours:** 3.0 Lecture and 3.0 Laboratory

This course covers fundamental networking concepts and develops the skills and knowledge to set up and maintain small business/home networks. The course is not hardware or vendor specific. It helps students prepare for the "Network +" certification exam, an industry-wide, vendor-neutral certification program developed and sponsored by the Computing Technology Industry Association (CompTIA). This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 124

CSIS 179 Introduction to Information Security**Units:** 4.0 **Hours:** 4.0 Lecture

This course introduces students to network security concepts and prepares them for computer systems and network management duties. This course covers security concepts, communications and infrastructure security, basic cryptography, and operational and organizational security. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 178.

CSIS 181 PC Hardware**Units:** 4.0 **Hours:** 4.0 Lecture

This course examines computing hardware, operating systems, and software applications from a technical side to enable students to select, install, maintain and optimize a computer system. This course will help prepare students to pursue the A+ Hardware Certification. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 124, CSIS 1 OR CSIS 2, or equivalent computer experience.

CSIS 182 Operating Systems**Units:** 4.0 **Hours:** 4.0 Lecture

This course will survey current computer operating systems. 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 and 3.0 Laboratory

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. ADVISORY: CSIS 182.

CSIS 184 Computer Forensics**Units:** 3.0 **Hours:** 3.0 Lecture

Introduction to computer crime investigation processes. The student is introduced to the hardware, software, networks and devices found in typical home and business settings. Techniques and equipment used to collect evidence, ensure integrity, locate and prepare data for forensic investigation. Covers chain of custody requirements for admissible evidence, data formats for a variety of modern equipment, and recovery of deleted or encrypted information. This course has the option of a letter grade or pass/no pass. This course is also listed as AJ 184.

CSIS 190 Occupational Work Experience, Computer Science**Units:** 1.0 TO 4.0 **Hours:** 3.3 TO 16.7 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. Student repetition is allowed per Title 5 Section 55253. Minimum 2.00 GPA. REQUIRED: Declared vocational major.

CSIS 220 Computerized Accounting - Quickbooks**Units:** 3.0 **Hours:** 3.0 Lecture

An introduction to computer assisted accounting. Hands-on use of a microcomputer menu-driven accounting package to do general ledger, sales journal, cash receipts journal, cash payments journal, purchases journal, payroll, receivables, payables and related financial reports. This course has the option of a letter grade or pass/no pass. This course is also listed as ACCT 220. ADVISORY: CSIS 1 or CSIS 2 or the equivalent computer experience. ACCT 20 or ACCT 101 or ACCT 103 or ACCT 105 or the equivalent accounting experience. This course was previously listed as CSIS 120.

CSIS 570A Computer Access Evaluation - Level 1**Units:** .5 **Hours:** 1.5 Laboratory

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 assistive computer technologies and/or adaptive equipment or demonstrated academic deficit.

CSIS 570B Computer Access Evaluation - Level 2**Units:** .5 **Hours:** 1.5 Laboratory

This course is to provide additional assistive computer evaluation and training to students with disabilities. Once the appropriate computer access technology has been determined, specialized training will be provided. 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. PREREQUISITE: CSIS 570A ADVISORY: This course is intended for students with a verified disability who show a need for assistive computer technologies and/or adaptive equipment or demonstrated academic deficit.

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 individualized for each student. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. 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.

All courses listed here are part of Gavilan College's approved curriculum.
All courses are not offered every semester. Check the Class Schedule for current offerings.