

CRN Type Room Instructor Units Days Times Dates

CD 190 Occupational Work Experience / Child Development

Transferable: CSU

Occupational work experience for students who have a job related to their work. 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.

40247	Wrk Ex	CDC130	P Henrickson	1.0		
40248	Wrk Ex	CDC130	P Henrickson	2.0		
40249	Wrk Ex	CDC130	P Henrickson	3.0		
40260	Wrk Ex	CDC130	P Henrickson	4.0		

COMMUNICATION STUDIES

CMUN 1A Introduction to Public Speaking

Transferable: CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1; CAN:SPCH4

Basic principles of effective human communication and their function in contemporary public settings; emphasis is on the speeches to inform and persuade, with special consideration given to fundamental communication skills, including organization, reasoning, explanation, rhetoric and listening. (C-ID: COMM 110) **ADVISORY:** Eligible for English 250 and English 260.

40141	Lec	PB1	C Avila	3.0	W	0600-0905
40142	Lec	PB1	S Giacalone	3.0	T	0600-0905
40144	Lec	PB1	D Besson-Silvia	3.0	W	0230-0535
40143	Lec	PB1	D Besson-Silvia	3.0	M	0230-0535
40145	Lec	HOL2	A Andrade	3.0	MW	0810-0930 Above class meets at the Hollister Briggs site.
40146	Lec	PB1	S Giacalone	3.0	F	1215-0320
40901	Lec	MHG10	D Cowan	3.0	TR	0945-1105 Above class meets at Morgan Hill Community site.

CMUN 4 Intercultural Communication

Transferable: CSU, UC; CSU-GE:D3, D7, IGETC:4G; GAV-GE:D2, F

This course will explore the dynamics of communication as it applies to people from different cultures. Course content focuses on the application of theory and research to intercultural communication contexts. Increasing the awareness and understanding of diversity, the perception process, culture, verbal and non-verbal communication and the obstacles that prevent one from becoming a competent intercultural communicator will be examined. (C-ID: COMM 150)

40147	Lec	PB1	E Waddell	3.0	TR	0810-0930
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CMUN 5 Fundamentals of Communication Studies

Transferable: CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1

This course provides instruction and application of theory and practice in various communication contexts including the self concept, interpersonal, interviewing skills, small group dynamics, and public speaking. Emphasis is placed on analytical and organizational skills, listening, nonverbal and verbal communication, and public speaking communication methodology. **ADVISORY:** English 250 and English 260.

40148	Lec	PB1	E Waddell	3.0	TR	0945-1105
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CMUN 6 Introduction to Conflict Resolution

Transferable: CSU; CSU-GE:D7; GAV-GE:D2

Introduction to Conflict Resolution introduces students to conflict resolution and mediation. Integrating theory and practice, students will assess core concepts about the causes and resolution of conflict, and will practice communication skills for conflict resolution. Students will examine how ethnicity, gender, and class affect power in conflict situations. They will be able to formulate appropriate conflict resolution strategies, and will develop and practice various basic co-mediation skills. This course has the option of a letter grade or pass/no pass. This course is also listed as PSYC 6 and CMUN 6. **ADVISORY:** English 250 and English 260.

40840	Lec	SS205	L Halper	3.0	MW	1120-1240 This service learning course involves community work.
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CRN Type Room Instructor Units Days Times Dates

CMUN 8 Interpersonal Communication

Transferable: CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1, F

This course studies the communication process in an interpersonal (dyadic) setting. This class will explore the ways in which we can improve our communication with others. Verbal and nonverbal messages, self-concept, cultural differences, gender differences, perception, listening and conflict management will be explored. (C-ID: COMM 130)

40150	Lec	PB1	D Besson-Silvia	3.0	MW	0945-1105
40151	Lec	PB1	D Besson-Silvia	3.0	MW	1250-0210
40152	Lec	PB1	D Besson-Silvia	3.0	MW	1120-1240

CMUN 10 Small Group Communication

Transferable: CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1; CAN:SPCH10

An introductory course that develops basic individual reasoning skills, insights and experiences in information-sharing, interacting, decision-making, problem-solving, resolution of disputes and other issues central to group processes. (C-ID: COMM 140) **ADVISORY:** Eligible for English 250 and English 260.

40136	Lec	MHG12	D Cowan	3.0	TR	0810-0930 Above class meets at Morgan Hill Community site.
40137	Lec	PB1	S Giacalone	3.0	F	0900-1205 This service learning course involves community work.
40138	Lec	HOL2	A Andrade	3.0	MW	0945-1105 Above class meets at the Hollister Briggs site.
40139	Lec	PB1	E Waddell	3.0	TR	1120-1240 This service learning course involves community work.

CMUN 129 Presentation Graphics - MS PowerPoint

Transferable: CSU

This introductory course in presentation graphics will use Microsoft Office's "PowerPoint" software to create a computerized presentation with text and objects. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 129. **ADVISORY:** CSIS 126 or word processing skills in the Windows environment.

40826	Lec	HOL3	M Bryson	1.0		0900-1105 Above class meets at the Hollister Briggs site. 02/12/14 - 03/12/14
40828	Lec	BU110	E Venable	1.0		

COMPUTER GRAPHICS AND DESIGN

CGD 2 2D / 3D Technical Computer Graphics I

Transferable: CSU

Introduction to graphic and design competencies architects, engineers, game/simulation developers, industrial designers and other careers professional designers use when producing and marketing real and/or virtual consumer products. Prepares students to create consumer products, buildings and other designed objects by developing freehand sketches, creating SolidWorks models and/or other graphics while applying theory and knowledge of elements and principles of visual design, creative problem solving, typography, professional ethics and research skills. This course has the option of a letter grade or pass/no pass. **ADVISORY:** LIB 3 and MATH 404G.

40902	L/L	LI126	Ndah	3.0	TR	0620-0820 SolidWorks Parametric Computer Aided Design (CAD) software will be taught and used as a tool design consumer products and produce 3D renderings, animations, and technical dimensioned drawings.
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Get Started Today and Earn a Degree or Certificate in Communication Studies!



- AA-T degree in Communication Studies (for Transfer to a CSU)
- AA degree in Communication Studies
- Certificate of Achievement in Communication Studies
- Certificate of Achievement in Interpersonal Communication



ONLINE CLASSES: You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you **MUST** log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

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CGD 4 2D / 3D Technical Computer Graphics II

Transferable: CSU

Intermediate computer graphics design course expands skills and concepts introduced in CGD 2. Applies technical design, drafting standards, and graphic communications to develop, present, analyze, test, manufacture, and market consumer products. Produces 2D and 3D technical drawings to graphically communicate feasibility of proposed products to be manufactured in terms of usability, material selection, and design intent. Project based assignments demonstrate technical design and problem solving skills required for success in and array of technical design career(s). **ADVISORY:** Completion of CGD 2 with a grade of C or better.

40674 L/L LI126 C McLaughlin 3.0 TR 1250-0210
SolidWorks Parametric Computer Aided Design (CAD) software will be taught and used as a tool design consumer products and produce 3D renderings, animations, and technical dimensioned drawings.

CGD 8 Advanced Computer Graphics for Design Application I

Transferable: CSU

Advanced course in applied computer graphics and associated interdisciplinary design proficiencies required by careers that design, engineer, manufacture and/or market products. Applies theories, principles and skills covered in CGD 4 and integrates business, sustainable design, and hybrid products. Design solutions reflect technical understanding, aesthetic principles and addresses societal needs in a cost effective manner. Presentations include animating and rendering models of real and/or virtual products that address human factors/ergonomics, usability, life cycle analysis and sustainability. Portfolios support advancement in student-selected career pathways by communicating competence in computer graphics and design. **ADVISORY:** Eligible for English 250, 260 and Mathematics 233.

40675 L/L LI126 C McLaughlin 3.0 TR 0220-0340
SolidWorks Parametric Computer Aided Design (CAD) software will be taught and used as a tool design consumer products and produce 3D renderings, animations, and technical dimensioned drawings.

40676 L/L LI126 C McLaughlin 3.0 TR 1250-0210
SolidWorks Parametric Computer Aided Design (CAD) software will be taught and used as a tool design consumer products and produce 3D renderings, animations, and technical dimensioned drawings.

CGD 9 Advanced Computer Graphics for Design Application II

Transferable: CSU

Advanced computer graphics and design course that combines technical computer graphic skills with interdisciplinary design proficiencies including creating computer imagery, transformations, and rendering to create 3D model using geometric primitives, projections for computer animation and data visualization. Includes structural analysis and emphasis on developing products that include ergonomic features and sustainable materials. Work within electronic portfolio demonstrates skills and knowledge of technical graphic design to visualize, develop and present products to meet societal needs. **ADVISORY:** Satisfactory score on the English placement exam or a grade C or better in English 250, completion of Mathematics 233 or satisfactory Mathematics placement. Completion of CGD 2 and CGD 8 with a grade of C or better. Computer lab work can be done both in lab and off-site.

40677 L/L LI126 C McLaughlin 3.0 TR 0220-0340
SolidWorks Parametric Computer Aided Design (CAD) software will be taught and used as a tool design consumer products and produce 3D renderings, animations, and technical dimensioned drawings.

40678 L/L LI126 C McLaughlin 3.0 TR 1250-0210
SolidWorks Parametric Computer Aided Design (CAD) software will be taught and used as a tool design consumer products and produce 3D renderings, animations, and technical dimensioned drawings.



ONLINE CLASSES: You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you **MUST** log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

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CGD 30 Environmental Design

Transferable: CSU

Design and develop conceptual plans using freehand sketches and building information modeling (BIM) to produce rendered interior and exterior pictorials. Refine resultant 3D BIM models to address complexity of architectural design by meeting user's needs with an environmentally sound, cost effective, aesthetically pleasing design solution that complies with planning requirements and building code regulations. Generate plans and schedules to produce portions of construction documents required for obtaining building permits and providing bidding documents. Prepares students with technical design skills required for entering environmental planning and construction management. **ADVISORY:** CGD 2

40672 L/L LI126 C McLaughlin 3.0 TR 0220-0340
SolidWorks Parametric Computer Aided Design (CAD) software will be taught and used as a tool design consumer products and produce 3D renderings, animations, and technical dimensioned drawings.

CGD 190 Occupational Work Experience / Computer Graphics & Design

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.

40668 Wrk Ex LI101A S Sweeney 1.0
40669 Wrk Ex LI101A S Sweeney 2.0
40670 Wrk Ex LI101A S Sweeney 3.0
40671 Wrk Ex LI101A S Sweeney 4.0

COMPUTER SCIENCE & INFORMATION SYSTEMS

CSIS 1 Computer Literacy - MS Office

Transferable: CSU, UC; GAV-GE:E2; CAN:CSCI2

An introduction to terminology, design, operation for the novice user. Student will gain experience using the Internet for searches and email. They will complete projects using various software including word processing, spreadsheets, database, presentation graphics, and integration. This course has the option of a letter grade or pass/no pass. **ADVISORY:** Eligible for English 250 and English 260; completion of CSIS 122.

40626 Lec BU111 S Gaffney 2.0 MW 0900-1105
01/27/14 - 03/19/14
40635 Lec BU111 S Gaffney 2.0 MW 0900-1105
03/24/14 - 05/14/14
40644 Lec BU110 S Gaffney 2.0 T 0600-0905
02/18/14 - 05/13/14
40645 Lec HOL3 A Stoykov 2.0 F 0500-0805
Above class meets at the Hollister Briggs site. 02/21/14 - 05/16/14

CSIS 2 Computers in Business

Transferable: CSU; GAV-GE:E2; CAN:BUS6

Introduction to business information management systems. Topics include database management systems, computer hardware and software, networking, ethics, data security, e-commerce; includes hands-on experience applying these concepts to solve practical business problems using word processing software, spreadsheets, database management systems, presentation graphics and Internet applications. Students cannot receive credit for both CSIS 2 and CSIS 2L. Please see a counselor about degree, certificate, and transfer requirements. This course has the option of a letter grade or pass/no pass. (C-ID: BUS 140) **ADVISORY:** Eligible for Mathematics 233, English 260 and English 250, and CSIS 122

40725 Lec BU111 M Bryson 4.0 F 0945-1105
Hybrid E Venable
40794 Lec BU111 M Bryson 4.0 T 0945-1105
Online E Venable
40795 Lec MHG5 A Stoykov 4.0 U 0400-0700
Online E Venable
Above class meets at Morgan Hill Community site.

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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CSIS 2L Computers in Business Lab**Transferable:** CSU

Hands-on experience solving practical business problems using word processing software, spreadsheets, database management systems, presentation graphics and Internet applications. Students cannot receive credit for both CSIS 2 and CSIS 2L. Please see a counselor about degree, certificate, and transfer requirements. This course has the option of a letter grade or pass/no pass.

40727	Lab	BU111	M Bryson	1.0	T	0945-1105	
40730	Lab	BU111	M Bryson	1.0	F	0945-1105	
40731	Lab	MHG5	A Stoykov	1.0	U	0400-0700	Above class meets at Morgan Hill Community site.

CSIS 5 C++ Scientific Programming**Transferable:** CSU, UC; CAN:CSCI4

An introduction to computer problem solving and programming using the C++ language for science and engineering majors. Students will write programs for a variety of scientific and mathematical applications. This course has the option of a letter grade or pass/no pass. PREREQUISITE: Mathematics 1A ADVISORY: Completion of CSIS 10.

40779	Lec Online	LI126	D Van Tassel	3.0	MW	0945-1105	
40780	Online		D Van Tassel	3.0			

CSIS 6 Web Page Authoring I**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 LIB 6 and DM 6. ADVISORY: CSIS 1 or CSIS 2 or CSIS 3/LIB 3 advised.

40716	Lec		J Howell	2.0		01/27/14 - 03/23/14	
40721	Online		J Howell	2.0		03/10/14 - 05/04/14	

CSIS 8 Introduction to the Internet**Transferable:** CSU; GAV-GE:E2

Topics include networking fundamentals, webpages and HTML, online security basics, and business email etiquette. Students will learn techniques to search efficiently for information and evaluate its credibility. This is a pass/no pass course. ADVISORY: CSIS 124

40689	Online		E Venable	1.0		01/27/14 - 03/22/14	
40707	Online		E Venable	1.0		03/24/14 - 05/23/14	
40708	Lec	HOL3	M Bryson	1.0	MW	1120-0125	Above class meets at the Hollister Briggs site. 02/24/14 - 03/12/14

CSIS 10 BASIC Programming**Transferable:** CSU, UC

This course is an introduction to programming using BASIC. No previous programming background is assumed. This is a good class for those new to programming and recommended for non-programmers that want to take other programming classes. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 1 or CSIS 2 or equivalent experience.

40646	Lec	MHG5	F Thompson	2.0	R	0600-0905	Above class meets at Morgan Hill Community site. 02/20/14 - 05/15/14
40664	Lec	BU111	F Thompson	2.0	R	0900-1105	

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CSIS 24 Java Programming I**Transferable:** CSU, UC

Introduction to Java programming. Includes learning the Java environment, using and creating Java applets, and writing stand-alone applications. Covers the Java environment, object-oriented programming, language basics, classes, interfaces, packages, threads, and exceptions. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 45 C++ Programming or equivalent programming experience.

40733	Lec Online	BU118	A Stoykov	4.0	T	0200-0500	
40796	Online		A Stoykov	4.0			

CSIS 43 C Programming**Transferable:** CSU, UC

This course introduces computer programming using the C programming language. Topics include variable and constant declarations, arithmetic operations, selection, input/output operations, repetition, functions and recursion, arrays, pointers, and other related topics. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 10 BASIC Programming, or other programming experience.

40771	Hybrid Online	MHG8	D Van Tassel	4.0	T	0600-0905	Above class meets at Morgan Hill Community site.
40773	Online		D Van Tassel	4.0			

CSIS 45 C++ Programming I**Transferable:** CSU, UC; GAV-GE:E2; CAN:CSCI18

An introduction to the concepts and methods of computer programming using C++. Students will be introduced to procedural and object-oriented programming design methodology. Topics covered include variable and constant declarations, selection statements, repetition, functions and recursion, arrays, strings, pointers, and an introduction to classes and objects. This course will prepare students for the Programming II class. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 10 or equivalent. Math 205 (Elementary Algebra)

40772	Lec Online	MHG8	D Van Tassel	4.0	T	0600-0905	Above class meets at Morgan Hill Community site.
40774	Lec Online	LI126	D Van Tassel	4.0	MW	0945-1105	
40775	Online		D Van Tassel	4.0			

CSIS 48 UNIX / Linux Operating System**Transferable:** CSU, UC

This course will provide the basics of the UNIX/Linux operating system, including the history and the use of UNIX/Linux with hands-on experience using commands and files. Topics to be covered include basic UNIX/Linux commands, text editing, files and directories, electronic mail, pipes and filters, and shell programming. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

40777	Lec Online	MHG8	D Van Tassel	4.0	M	0600-0950	TBA
40778	Online		D Van Tassel	4.0			

CSIS 49 UNIX / Linux Shell Programming**Transferable:** CSU, UC

A beginning course in UNIX/Linux shell programming using different commands including awk, sed, and Perl. The course will cover theory and concepts including interpretation of different quote characters, shell variables, decision-making commands, and looping mechanism. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 48

40776	Online		D Van Tassel	4.0			
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THIS SYMBOL MEANS IT IS A **HYBRID** LECTURE / ONLINE CLASS, THAT WILL BE PARTIALLY OVER THE INTERNET.

VISIT WWW.GAVILAN.EDU/DISTED/ FOR DETAILS.

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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CSIS 74 Advanced PhotoShop**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 DM 74. ADVISORY: DM/ART/CSIS 75 PhotoShop I

40833	Lec	MHG	R Grzan	3.0	R	0600-0905	
Above class meets at Morgan Hill Community site.							

CSIS 75 Photoshop I - Adobe Photoshop**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 DM 75. ADVISORY: CSIS 124 (Windows Fundamentals), CSIS 2L

40684	Lec	MHG5	R Grzan	3.0	T	0600-0905	
Above class meets at Morgan Hill Community site.							

40907	Lec	LI128	K Powers	3.0	M	0400-0655	
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CSIS 76 Digital Illustration**Transferable:** CSU; GAV-GE:C1

Illustration techniques using computer Bezier curve-based illustration software tools to do diagrams and graphics for use in art, desktop publishing, web graphics, multimedia, and computer presentations. This basic Illustrator course is focused on the technical and historical aspects of digital design and illustration as well as the development of personal artistic expression and visual perception through the use of the digital illustration medium. The course will include lectures and discussions about color, composition and content, computer and illustration program use, printing and presentation techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 76. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

40903	L/L	LI128	T Mann	3.0	F	0100-0350	
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CSIS 77 Introduction to Digital Media and its Tools**Transferable:** CSU, UC; GAV-GE:C1

An introduction to the field of digital media, including history, social impact, concepts, career options and industry trends. Applying learned visual and aural design principles, students will explore the use of computer-based tools in the design and production of digital media by creating and editing digital images, sounds, video, animation, and text. A comprehensive term project for publication on the web or CD ROM will be required. This course is also listed as DM 77. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 124, CSIS 1, CSIS 2/2L, CSIS 3, or familiarity using the Macintosh or Windows operating system.

40686	L/L	LI128	R Beede	3.0	TR	1030-1250	
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CSIS 78 Web Sites with SQL and PHP**Transferable:** CSU

Covers the programming of database-driven, web-based applications (such as an eCommerce web site) using PHP and MySQL. PHP is a powerful language for writing server-side Web applications. MySQL is the world's most popular open source database. Together these two technologies provide a powerful platform for building database-driven Web applications. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 128 Database - Access, or equivalent database experience.

40688	L/L	BU111	L Barreto	4.0	T	0600-0950	
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CRN	Type	Room	Instructor	Units	Days	Times	Dates
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CSIS 85 Web Design I: Dreamweaver**Transferable:** CSU; GAV-GE:C1

Basic and intermediate principles of designing web pages using Dreamweaver, HTML and CSS. Emphasis will be on concept development, interface and navigation design, layout principles and the use of Dreamweaver and CSS to execute, develop, and maintain professional Web sites. Topics will include enhanced text formatting, tables, styles, forms, frames, image maps, and background colors and patterns. Course also includes the integration of multimedia components such as graphics, sound, animation, and video. This course is also listed as DM 85. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 6 or basic knowledge of HTML.

40810	Lec	LI128	J Fong	3.0	F	1000-1250	
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40905	Online		S Lawrence	3.0			
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CSIS 107 Digital Media Design**Transferable:** CSU

Fundamentals of design for visual, time-based, interactive, and sound arts as applied to digital media. Includes basic storytelling, graphic design, information architecture, and human factors. Page layout, scriptwriting, storyboards, and flow charts will be used as tools applicable to the design and development of business presentations, interactive media, educational multimedia, animation, web sites, video games, and film/video. This course has the option of a letter grade or pass/no pass. Also listed as DM 107. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience

40812	Lec	LI128	J Fong	2.0	W	0400-0700	
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CSIS 112 Keyboard Speed Building**Transferable:** CSU

This self-paced course is designed for students who know the alphabetic keyboard by touch and who want to develop their keyboarding speed. Students will use a microcomputer to keyboard a series of straight-copy timings, which will enable them to achieve a high level of skill. This is a pass/no pass course. ADVISORY: CSIS 122 or knowledge of keyboard with keyboarding speed of at least 25 wpm.

40666	Lab	BU110	S Gaffney	.5			
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CSIS 113 Introduction to Digital Video**Transferable:** CSU; GAV-GE:C1

Introduction to the aesthetic and technical aspects of digital video recording, non-linear editing, visual effect generation, and production of video (and associated audio) using the personal computer equipped with specialized software such as Final Cut Pro, Motion, and After Effects. Also considered will be the preparation of digital video for distribution in interactive media such as CDs, DVDs, mobile devices, and the World Wide Web. Students will produce a final digital video project for distribution in various media formats. This course has the option of a letter grade or pass/no pass. Also listed as DM 113. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience

40679	L/L	LI128	R Beede	3.0	MW	1250-0310	
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CSIS 114 Digital Media Production**Transferable:** CSU

A team oriented practicum that focuses on the application of learned skills to the production of digital media and digital print projects, such as web sites, CD ROM, and DVDs. Project development will be accomplished according to team derived master schedules. Lectures will be on project management, work coordination and production techniques, client-team interface, asset management and integration, budget estimates, testing, and copyright infringement. Please note that this is very much a team oriented class. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 114. ADVISORY: At least one of the following: ART 75, CGE 2, JOUR 18A, MUS 21, CSIS 7, CSIS 71, OR CSIS 77. or possess equivalent skills from any one of the following areas: digital media, computer graphics, digital print, film, TV/video, journalism (publishing), drawing or illustration, web design/ development, business/marketing, or programming.

40682	Lec	LI128	R Beede	2.0	T	0150-0400	
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CRN	Type	Room	Instructor	Units	Days	Times	Dates
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CSIS 120 Computerized Accounting - QuickBooks**Transferable:** CSU

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 120. 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.

40584	Lec	BU110	T Ratchford	3.0	W	0600-0905	
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CSIS 121 Spreadsheet - MS Excel**Transferable:** CSU

Introduction to the computer spreadsheet software. A hands-on approach to learning terms, commands, and applications of a spreadsheet program. This course will help prepare students for taking the Excel MOUS (Microsoft Office User Specialist) exams. This course has the option of a letter grade or pass/no pass. Also listed as ACCT 121. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

40556	Lec	BU111	F Mendez	2.0	W	0600-0805	
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40581	Lec	HOL3	M Bryson	2.0	MW	1120-0125	
Above class meets at the Hollister Briggs site.							03/17/14 - 05/14/14

40835	Lec	HOL3	F Mendez	2.0	M	0600-0805	
Above class meets at the Hollister Briggs site.							

CSIS 122 Computer Keyboarding**Transferable:** CSU

A self-paced course for students who wish to master the alphabetic and numeric keyboard on the computer. This course is designed for students who do not know the alphabetic keyboard by "touch" and for those who want to improve their ability to type straight copy with increased speed and accuracy. The course provides "hands-on" instruction to help students reach optimum computer keyboarding skills within a limited time. This is a pass/no pass course. Course may be repeated until 2 units are accrued.

40690	Lab	BU110	S Gaffney	.5	T	0600-0720	
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40691	Lab	BU110	S Gaffney	1.0	T	0600-0905	
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40694	Lab	HOL3	M Bryson	.5	MW	0945-1105	
Above class meets at the Hollister Briggs site.							

40695	Lab	HOL3	M Bryson	1.0	MW	0945-1240	
Above class meets at the Hollister Briggs site.							

40696	Lab	HOL3	M Bryson	.5	MW	1120-1240	
Above class meets at the Hollister Briggs site.							

40700	Lab	HOL3	M Bryson	1.0	MW	1120-0125	
Above class meets at the Hollister Briggs site.							

40701	Lab	BU110	E Venable	1.0			
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40702	Lab	BU110	E Venable	.5			
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CSIS 124 Windows Fundamentals**Transferable:** CSU

This course provides fundamental information on the Windows environment for the computer. Introductory Windows operations and file management are covered. This is a pass/no pass course. ADVISORY: Basic keyboarding skill.

40717	Lec	BU111	E Milar	1.0	T	1250-0220	
							03/05/13 - 05/06/13



ONLINE CLASSES: You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you MUST log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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CSIS 126 Word Processing - MS Word**Transferable:** CSU

This introductory course for word processing with Windows is designed for business and non-business majors. Students will develop word processing skills to create a document, select and edit text, move and copy text, use the spelling, grammar, and thesaurus features, format text, and create headers and footnotes for a research paper. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 260 and basic keyboarding skills.

40720	Lec	BU111	E Milar	2.0	M	1250-0210	
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40722	Lec	HOL3	M Bryson	2.0	MW	0900-1105	
Above class meets at the Hollister Briggs site.							03/17/13 - 05/14/13

40726	Lec	HOL3	F Mendez	2.0	F	0530-0730	
Above class meets at the Hollister Briggs site.							

CSIS 128 Database - MS Access**Transferable:** CSU

Introduction to Microsoft Access, a relational database management software tool. Students will learn to create and manage a database. This course will help prepare students for taking the Access MOUS (Microsoft Office User Specialist) exams. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 1 or CSIS 2 or equivalent knowledge.

40728	Lec	BU111	J Conrey	2.0	R	1120-0210	
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01/30/13 - 04/24/13**CSIS 129 Presentation Graphics - MS PowerPoint****Transferable:** CSU

This introductory course in presentation graphics will use Microsoft Office's "PowerPoint" software to create a computerized presentation (slide show) with text and objects. This course is also listed as CMUN 129. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 126 or word processing skills in the Windows environment.

40729	Lec	HOL3	M Bryson	1.0	MW	0900-1105	
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Above class meets at the Hollister Briggs site.							02/12/13 - 03/12/13
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40732	Lec	BU110	E Venable	1.0			
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CSIS 132 Intermediate Word Processing - MS Word**Transferable:** CSU

This course covers formatting with macros and styles, mail merge techniques, sorting data in tables, preparing and protecting forms. These techniques will be applied to a variety of different documents: contracts, reports, surveys, manuscripts, and various types of letters. Other topics include working with shared documents in a workgroup, integrating applications and creating hyperlinks for workgroup settings using Microsoft Word. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 126 Word Processing - MS Word

40734	Online		J Conrey	2.0			
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CSIS 134 Intermediate Excel**Transferable:** CSU

This course continues on where CSIS 121 Spreadsheet - MS Excel left off. Intermediate level training in spreadsheets using the Microsoft Excel program. The course includes graphing, formatting, database features, macros, and financial business calculations for decision making. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 121 Spreadsheets - MS Excel

40824	Lec	BU111	J Conrey	2.0	W	1120-0210	
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01/29/14 - 04/23/14**CSIS 178 Applied Networking****Transferable:** CSU

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

40735	Lec	BU118	M Ramos	4.0	M	0600-0950	
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CRN Type Room Instructor Units Days Times Dates

CSIS 181 PC Hardware

Transferable: CSU

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.

40736 Lec BU118 J Foshee 4.0 R 0200-0550

CSIS 183 Introduction to Microsoft Servers

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. ADVISORY: CSIS 182.

40825 L/L BU118 M Ramos 4.0 W 0600-0950

CSIS 190 Occupational Work Experience / Computer Science

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.

40738 Wrk Ex LI101A S Sweeney 1.0

40741 Wrk Ex LI101A S Sweeney 2.0

40743 Wrk Ex LI101A TBA 3.0

40744 Wrk Ex LI101A S Sweeney 4.0 01/30/13 - 05/24/13

CSIS 570 Computer Access Evaluation

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.

40118 Lab LI105 J Maringer-Cantu .5 Open Entry/Open Exit
Make an appointment with the HTC instructor (LI 105).

CSIS 571A Introduction to Assistive Computer Instruction Lab

Transferable: No

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.

40119 Lab LI105 J Maringer-Cantu .5 Open Entry/Open Exit

40120 Lab LI105 J Maringer-Cantu 1.0 Open Entry/Open Exit

40140 Lab LI105 J Maringer-Cantu 2.0 Open Entry/Open Exit



ONLINE CLASSES: You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you MUST log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

CRN Type Room Instructor Units Days Times Dates

CSIS 571B Intermediate Assistive Computer Instruction Lab

Transferable: No

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 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.

40156 Lab LI105 J Maringer-Cantu .5 Open Entry/Open Exit

40157 Lab LI105 J Maringer-Cantu 1.0 Open Entry/Open Exit

40158 Lab LI105 J Maringer-Cantu 2.0 Open Entry/Open Exit

CSIS 572 Adaptive Computer Basics

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.

40149 Lab LI105 J Maringer-Cantu 1.0 MW 1250-0210

COSMETOLOGY

COS 200 Beginning Cosmetology

Transferable: No

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.

40442 L/L BU103 N Boyd 12.0 TWRF 0810-0930
A Juarez

40442 L/L COS102 N Boyd TWRF 0935-0330
A Juarez

Student kit cost \$600 payable at Admissions and Records by the first day of instruction. Approximate cost for additional course materials is \$200.00. Contact the Cosmetology department at (408) 848-4884 for a complete list of required materials.

COS 201 Intermediate Cosmetology

Transferable: No

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

40445 L/L COS102 M Andre 12.0 TWRF 0810-0330
N Khanna

Approximate cost of course materials is \$200.00. Please contact the Cosmetology department at (408) 848-4884 for a complete list of the required materials.

COS 202 Advanced Cosmetology

Transferable: No

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.

40520 L/L COS102 G Ramirez 12.0 TWRF 0810-0330

Approximate cost for course materials is \$400.00. Prices are subject to change. Contact the Cosmetology department at (408)848-4884 for a complete list of required materials.

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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COS 203 Practicum**Transferable:** No

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. **Approximate cost for course materials is \$400.00. Contact Delva Zamarron at (408)848-4884 for a complete list of materials.**

40523	Lab	COS102G	Ramirez	.5	TWRF	0810-0330	
40524	Lab	COS102G	Ramirez	1.0	TWRF	0810-0330	
40525	Lab	COS102G	Ramirez	2.0	TWRF	0810-0330	
40530	Lab	COS102G	Ramirez	3.0	TWRF	0810-0330	
40531	Lab	COS102G	Ramirez	4.0	TWRF	0810-0330	
40532	Lab	COS102G	Ramirez	5.0	TWRF	0810-0330	
40533	Lab	COS102G	Ramirez	6.0	TWRF	0810-0330	
40534	Lab	COS102G	Ramirez	7.0	TWRF	0810-0330	
40535	Lab	COS102G	Ramirez	8.0	TWRF	0810-0330	
40536	Lab	COS102G	Ramirez	9.0	TWRF	0810-0330	
40537	Lab	COS102G	Ramirez	10.0	TWRF	0810-0330	
40538	Lab	COS102G	Ramirez	11.0	TWRF	0810-0330	
40539	Lab	COS102G	Ramirez	12.0	TWRF	0810-0330	

COS 205 State Board Review**Transferable:** No

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

40521	Lab	COS102G	Ramirez	2.0	M	0810-0145	
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COS 221 Advanced Scientific Skin Care (Esthetics)**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.

40522	L/L	COS102 S	Rodriguez A Cabello	8.0	MTWRF	0445-0945	
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COS 290 Occupational Work Experience / Cosmetology**Transferable:** No

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.

40540	Wrk Ex	LI101A	S Sweeney	1.0			
40541	Wrk Ex	LI101A	S Sweeney	2.0			
40542	Wrk Ex	LI101A	S Sweeney	3.0			
40543	Wrk Ex	LI101A	S Sweeney	4.0			

DIGITAL MEDIA

DM 6 Web Page Authoring I**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.

40714	Online		J Howell	2.0		01/27/14 - 03/23/14	
40719	Online		J Howell	2.0		03/10/14 - 05/04/14	

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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DM 23 Independent Study**Transferable:** CSU

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. May be repeated until six units of credit are accrued. 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 dean.

40709	Ind	LI128	R Beede	2.0			
40710	Ind	LI128	R Beede	1.0			

DM 74 Advanced PhotoShop**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

40834	Lec	MHG	R Grzan	3.0	R	0600-0905	
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DM 75 Photoshop I - Adobe PhotoShop**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

40685	Lec	MHG5	TBA	3.0	T	0600-0905	
Above class meets at Morgan Hill Community site.							
40908	Lec	LI128	K Powers	3.0	M	0400 - 0655	

DM 76 Digital Illustration**Transferable:** CSU; GAV-GE:C1

Illustration techniques using computer Bezier curve-based illustration software tools to do diagrams and graphics for use in art, desktop publishing, web graphics, multimedia, and computer presentations. This basic Illustrator course is focused on the technical and historical aspects of digital design and illustration as well as the development of personal artistic expression and visual perception through the use of the digital illustration medium. The course will include lectures and discussions about color, composition and content, computer and illustration program use, printing and presentation techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 76. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

40904	L/L	LI128	T Mann	3.0	F	0100-0350	
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DM 77 Introduction to Digital Media and its Tools**Transferable:** CSU, UC; GAV-GE:C1

An introduction to the field of digital media, including history, social impact, concepts, career options and industry trends. Applying learned visual and aural design principles, students will explore the use of computer-based tools in the design and production of digital media by creating and editing digital images, sounds, video, animation, and text. A comprehensive term project for publication on the web or CD ROM will be required. This course is also listed as CSIS 77. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 124, CSIS 1, CSIS 2/2L, CSIS 3, or familiarity using the Macintosh or Windows operating system.

40687	L/L	LI128	R Beede	3.0	TR	1030-1250	
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CRN Type Room Instructor Units Days Times Dates

DM 85 Web Design I: Dreamweaver

Transferable: CSU; GAV-GE:C1

Basic and intermediate principles of designing web pages using Dreamweaver, HTML and CSS. Emphasis will be on concept development, interface and navigation design, layout principles and the use of Dreamweaver and CSS to execute, develop, and maintain professional Web sites. Topics will include enhanced text formatting, tables, styles, forms, frames, image maps, and background colors and patterns. Course also includes the integration of multimedia components such as graphics, sound, animation, and video. This course is also listed as CSIS 85. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 6 or basic knowledge of HTML.

40811	Lec	LI128	JFong	3.0	F	1000-1250
40906	Online		S Lawrence	3.0		

DM 107 Digital Media Design

Transferable: CSU

Fundamentals of design for visual, time-based, interactive, and sound arts as applied to digital media. Includes basic storytelling, graphic design, information architecture, and human factors. Page layout, scriptwriting, storyboards, and flow charts will be used as tools applicable to the design and development of business presentations, interactive media, educational multimedia, animation, web sites, video games, and film/video. This course has the option of a letter grade or pass/no pass. Also listed as CSIS 107. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience

40813	Lec	LI128	JFong	2.0	W	0400-0700
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DM 114 Digital Media Production

Transferable: CSU

A team oriented practicum that focuses on the application of learned skills to the production of digital media and digital print projects, such as web sites, CD ROM, and DVDs. Project development will be accomplished according to team derived master schedules. Lectures will be on project management, work coordination and production techniques, client-team interface, asset management and integration, budget estimates, testing, and copyright infringement. Please note that this is very much a team oriented class. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 114. ADVISORY: At least one of the following: ART 75, CGE 2, JOUR 18A, MUS 21, CSIS 7, CSIS 71, OR CSIS 77. or possess equivalent skills from any one of the following areas: digital media, computer graphics, digital print, film, TV/video, journalism (publishing), drawing or illustration, web design/ development, business/marketing, or programming.

40683	Lec	LI128	R Beede	2.0	T	0150-0400
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DM 117 Visual Effects-Motion Graphics

Transferable: CSU, UC

Study of the design of motion graphics and special effects used in digital video and film, web, multimedia, and interactive games. Includes video/graphics compositing techniques, 2D animation, basic 3D animation, and special effects commonly generated in digital post- production. Software such as Adobe After Effects or Apple's Motion will be used. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 117. ADVISORY: DM/ART/CSIS 113 or DM/ART/CSIS 140 or DM/ART/CSIS 77 or THEA 17A or basic knowledge of digital video/film editing.

40681	L/L	LI128	R Beede	3.0	MW	1250-0310
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ENGINEERING IS BACK!!

Gavilan offers the core set of freshman and sophomore Engineering courses so you can transfer as a junior to the UC or CSU of your choice! Once taking Math 1A, complete your Bachelor's degree in the same amount of time as students who start at the four-year schools!



For more information, please contact Russell Lee, Engineering Instructor, at rlee@gavilan.edu.

CRN Type Room Instructor Units Days Times Dates

ECOLOGY

ECOL 1 Conservation of Natural Resources

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C; GAV-GE:B2, B3

This course examines the fundamentals of ecology (the study of the relationships between organisms and their environment) with special emphasis on human effects on the environment. Topics of discussion will include ecosystem dynamics, resources, pollution, population growth, and the clash between economic and political policy and the environment. ADVISORY: Eligible for English 250 and English 260.

40460	Lec Lab	LS101 LS102	J Hubbard J Hubbard	4.0	TR	1250-0210 0230-0535
40461	Lec Lab	LS101 LS102	J Hubbard J Hubbard	4.0	TR R	1250-0210 0230-0535

ECONOMICS

ECON 1 Principles of Macroeconomics

Transferable: CSU, UC; CSU-GE:D2, IGETC:4B; GAV-GE:D2; CAN:ECON2

Introduction to the principles of macroeconomic analysis, economic institutions, and economic policy; supply and demand, determinants and distribution of output, income, and welfare through the market system; international trade and globalization. Measurement, determinants of, and policies relating to long-run economic growth, business cycle fluctuations, unemployment, and inflation. This course has the option of a letter grade or pass/no pass. PREREQUISITE: MATH 430 or MATH 205

40563	Lec	BU118	J Kearns	3.0	MW	0800-0920
40564	Lec Online	MHG8	J Kearns	3.0	W	0600-0720
Above class meets at Morgan Hill Community site.						
40565	Lec	BU120	J Kearns	3.0	TR	1120-1240
40566	Online		J Kearns	3.0		

ECON 2 Principles of Microeconomics

Transferable: CSU, UC; CSU-GE:D2, IGETC:4B; GAV-GE:D2; CAN:ECON4

Introduction to microeconomic principles, theory, and analysis. Topics include scarcity and resource allocation, specialization and exchange, and the determinants and distribution of output, income, and welfare through the market system, as well as elasticity, production and cost theory, and market failure caused by externalities and asymmetric information. Includes consumer choice and utility maximization, as well as profit maximization in various competitive settings. This course has the option of a letter grade or pass/no pass. PREREQUISITE: MATH 430 or MATH 205

40567	Lec	BU118	J Kearns	3.0	MW	1250-0210
40568	Lec	BU118	J Kearns	3.0	MW	1120-1240

ENGINEERING

ENGR 1 Graphical Communication and Design

Transferable: CSU, UC; CAN:ENGR2

An introduction to the graphical and visual communication of the engineering design process. Topics will include the design process, visualization, free-hand sketching, instrument drawing, scales, orthographic projection, section views, auxiliary views, and dimensioning and tolerancing. Computer based drafting will be used in conjunction with traditional methods to highlight the strengths of multiple communication methodologies. ADVISORY: MATH 1A; may be concurrent.

40462	L/L	MA101	K Luehrs	3.0	M	0600-0805
	L/L	MA101	K Luehrs		W	0600-0905

ENGR 3 Electric Circuit Analysis

Transferable: CSU, UC; CAN:ENGR12

An introduction to the theory of electric circuits. Topics include resistive circuits, voltage and current sources, network theorems, op-amp circuits, energy storage elements, RC, RL, and RLC circuits. PREREQUISITE: Mathematics 2C (may be taken concurrently) and Physics 4B with a grade of 'C' or better.

40463	L/L	PS102	STAFF	4.0	T	0600-0905
	L/L	PS102			F	0810-1115