

CRN Type Room Instructor Units Days Times Dates

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. ADVISORY: Eligible for English 250 and English 260.

10376	Lec	PB1	E Waddell	3.0	TWR	0230- 0550	10/02/12 - 11/01/12
10378	Lec	PB1	M Paulson	3.0	M	0600- 0905	
10379	Lec	PB1	D Besson-Silvia	3.0	R	0600- 0905	
10380	Lec	PB1	M Zajac	3.0	F	1215- 0320	
10381	Lec	MHG10	D Cowan	3.0	TR	0945- 1105	
Above class meets at Morgan Hill Community site.							
10382	Lec	PB1	D Besson-Silvia	3.0	TWR	0220- 0555	08/29/12 - 09/27/12
10383	Lec	PB1	D Besson-Silvia	3.0	TWR	0220- 0555	11/06/12 - 12/06/12
10386	Lec	MHG13	C Avila	3.0	M	0600- 0905	
Above class meets at Morgan Hill Community site.							
10387	Lec	HOL2	A Andrade	3.0	MW	0810- 0930	
Above class meets at the Hollister Briggs site.							
10388	Lec	PB1	S Giacalone	3.0	MW	0945- 1105	

CMUN 2 Oral Interpretation

Transferable: CSU, UC; CSU-GE:C1; GAV-GE:C1
 An introduction to the analysis, preparation and dramatic presentation of literature, including classical and contemporary prose, poetry and drama. Students will prepare, analyze, interpret and present great works of theatre and literature for an audience. This course is also listed as THEA 4. ADVISORY: Eligible for English 250 and English 260.

10389	Lec	TH125	J Lawton-Haehl	3.0	TR	1120- 1240	
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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.

10391	Lec	PB1	S Giacalone	3.0	MW	1120- 1240	
10392	Lec	PB1	S Giacalone	3.0	MW	1250- 0210	

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.

10393	Lec	PB1	E Waddell	3.0	T	0600- 0905	
10394	Lec	PB1	M Zajac	3.0	F	0900- 1205	

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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 POLS 6 and PSYC 6. ADVISORY: English 250 and English 260.

10210	Lec	SS205	L Halper	3.0	TR	1250- 0210	
This service learning course involves community work.							

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

10377	Lec	PB1	D Besson-Silvi	3.0	TR	0945- 1105	
10395	Lec	PB1	D Besson-Silvi	3.0	TR	1250- 0210	
10396	Lec	PB1	D Besson-Silvi	3.0	TR	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. ADVISORY: Eligible for English 250 and English 260.

10369	Lec	PB1	S Giacalone	3.0	MW	0810- 0930	
This service learning course involves community work.							
10370	Lec	HOL2	A Andrade	3.0	MW	0945- 1105	
Above class meets at the Hollister Briggs site.							
10371	Lec	MHG10	D Cowan	3.0	TR	1120- 1240	
Above class meets at Morgan Hill Community site.							
10372	Lec	PB1	S Giacalone	3.0	M	0230- 0535	
This service learning course involves community work.							
10373	Lec	PB1	C Avila	3.0	W	0600- 0905	
10374	Lec	PB1	E Waddell	3.0	TR	0810- 0930	
This service learning course involves community work.							

Get on the
FAST TRACK!
5-week CMUN 1A:
Public Speaking

Complete your GE Oral Communication requirement class in 5 short weeks! Each section meets three days a week. Get on the Fast Track today!



CMUN 1A Intro to Public Speaking

CRN 10382	8/29-9/27	Besson
CRN 10376	10/2-11/1	Waddell
CRN 10383	11/6-12/6	Besson

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.

NEW

A. A. Transfer Degree in

COMMUNICATION

Communication Studies now offers an Associate of Arts Degree for Transfer. This new AA-T degree guarantees transfer to the CSU system with junior standing and is an option for students that simplifies the transfer process, saving both time and money.

This new Associate for transfer degree offers a reputable and well rounded academia, and the peace of mind knowing you will transfer with ease.

For more information on the AA-T degree or other degrees and certificates, visit www.gavilan.edu/comm

STUDIES



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. May be repeated three times for credit. This course is also listed as CSIS 129. ADVISORY: CSIS 126 or word processing skills in the Windows environment.

10934 Lec BU110 E Venable 1.0 Self paced, see instructor

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. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: LIB 3 and MATH 404G.

10851 L/L LI126 C McLaughlin 3.0 TR 1250- 0210

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. May be repeated once for credit. ADVISORY: Eligible for English 250, 260 and Mathematics 233.

10852 L/L LI126 C McLaughlin 3.0 TR 0220- 0340

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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.

10853 L/L LI126 C McLaughlin 3.0 TR 0220- 0340

CGD 110 Computer Graphics Lab

Transferable: CSU

Complements computer graphics and art courses by providing additional competence in software applications, libraries, and graphical user interfaces to support computer graphics and design projects by providing supervised practice and individualized computer assisted learning on software and techniques commonly found in the computer graphic design field. This is an open entry/exit class and may be repeated three times for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: Concurrent enrollment in corresponding computer graphic and design classes. Computer lab work can be done both in lab and off-site.

10937 Lab LI126 C McLaughlin 1.0 Self paced, see instructor

CGD 160 Technical Desktop Publishing / Graphics

Transferable: CSU

Create multimedia presentations to effectively communicate ideas and market designs. Applies concepts, theories and principles of typography, color and design to create digitally based portfolios for application to four year colleges or for entry level employment. ADVISORY: Eligible for English 250, 260 and Mathematics 233. Familiarity with word processing, keyboarding, and DOS file management. Computer lab work can be done both in lab and off-site.

10854 L/L LI126 C McLaughlin 3.0 TR 0220- 0340

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.

10746	Wrk Ex LI101A	S Sweeney	1.0
10747	Wrk Ex LI101A	S Sweeney	2.0
10749	Wrk Ex LI101A	S Sweeney	3.0
10750	Wrk Ex LI101A	S Sweeney	4.0



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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.

10725	Lec	BU111	S Gaffney	2.0	MW	0900- 1105	08/29/12 - 10/15/12
10727	Lec	BU111	S Gaffney	2.0	MW	0900- 1105	10/22/12 - 12/05/12
10734	Lec	HOL3	F Thompson	2.0	R	0600- 0905	09/20/12 - 12/06/12
Above class meets at the Hollister Briggs site.							
10738	Lec	BU110	S Gaffney	2.0	T	0630- 0830	09/20/12 - 12/06/12

CSIS 2 Computers in Business - MS Office

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

Introduction to computerized business data processing, information management systems, computer hardware, office automation, telecommunications, computer languages, systems analysis and design; hands on experience with common business software packages including word processing, spreadsheets, data base management, presentation graphics as well as systems software and Internet applications. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for Mathematics 233, English 260 and English 250, and CSIS 122

10823		BU111	E Venable M Bryson	4.0	F	0945- 1105	
This HYBRID lecture/online class will be delivered partially over the internet.							
10824		BU111	E Venable M Bryson	4.0	T	0945- 1105	
This HYBRID lecture/online class will be delivered partially over the internet.							

CSIS 2L Computers in Business Lab - MS Office

Transferable: CSU

Computer Lab emphasizing business application in Microsoft Word, Excel, Access, Power Point and Integration. Internet searches are included. This course has the option of a letter grade or pass/no pass. Since supervised repetition and practice enhance skills/proficiencies. This course may be repeated once for credit.


10720	Lab	HOL3	M Bryson	1.0	MW	1120- 0120	09/10/12 - 12/05/12
Above class meets at the Hollister Briggs site.							
10946	Lab	BU111	M Bryson	1.0	F	0945- 1105	
10947	Lab	BU111	M Bryson	1.0	T	0945- 1105	

CSIS 3 Research Skills

Transferable: CSU

Research and evaluation skills using the Internet and other electronic resources, as well as traditional printed materials. Also listed as LIB 3. This course has the option of a letter grade or pass/no pass. May be repeated once for credit. ADVISORY: Eligible for English 250 and 260.

10831			A Sargent	2.0			09/10/12 - 11/03/12
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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. May be repeated three times for credit. Also listed as LIB 6 and DM 6. ADVISORY: CSIS 1 or CSIS 2 or CSIS 3/LIB 3 advised.

10839			J Howell	2.0			08/29/12 - 10/23/12
10840			J Howell	2.0			10/17/12 - 12/11/12

CSIS 8 Introduction to the Internet

Transferable: CSU; GAV-GE:E2

This course will provide students the opportunity to learn to use the Internet and the World Wide Web. Topics to be covered include history of the Internet and development of the WWW, web browsers, search engines, tools to develop web pages, how to get connected and local Internet providers. This is a pass/no pass course. May be repeated three times for credit. ADVISORY: CSIS 124

10849			E Venable	1.0			08/29/12 - 10/19/12
10850			E Venable	1.0			10/22/12 - 12/14/12

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.

10728	Lec	HOL3	F Thompson	2.0	F	0900- 1205	09/21/12 - 12/14/12
Above class meets at the Hollister Briggs site.							
10739	Lec	BU111	F Thompson	2.0	R	0900- 1105	

CSIS 18 UNIX / C++ Programming

Transferable: CSU, UC

An introduction to the C++ programming language and the UNIX operating system. Topics include programming on a UNIX system, including C/C++ language, shell programming, and the interface between C++ and UNIX. This course has the option of a letter grade or pass/no pass. Concurrent enrollment in CSIS 18L is required. COREQUISITE: CSIS 18L UNIX/C++ Programming Lab ADVISORY: CSIS 48 UNIX Operating System, CSIS 10 BASIC Programming or other programming experience.

10817			D Van Tassel	3.0			
10818		MHG8	D Van Tassel	3.0	T	0600- 0905	
Above class meets at Morgan Hill Community site.							

CSIS 18L UNIX / C++ Programming Lab

Transferable: CSU, UC

Supplemental practice in coursework associated with this course is provided. Concurrent enrollment in CSIS 18 is required. This course has the option of a letter grade or pass/no pass. COREQUISITE: CSIS 18 UNIX/C++ Programming

10822			D Van Tassel	1.0			
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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 20 COBOL Programming

Transferable: CSU

An introductory course in the language COBOL. Suggested for students interested in business and commercial data processing. Structured COBOL statements, COBOL syntax, modular program planning techniques, and business data processing applications from initial job application phase through programming and testing will be studied. The student has the opportunity for extensive programming experience on the college computer. This course has the option of a letter grade or pass/no pass. ADVISORY: Other programming experience.

10806			D Van Tassel	4.0			
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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.

10825	L/L	BU118	A Stoykov	4.0	T	0200- 0500	
			A Stoykov				
This HYBRID lecture / online class will be delivered partially over the internet.							
10932			A Stoykov	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)

10834		MHG8	D Van Tassel	4.0	T	0600- 0905	
Above class meets at Morgan Hill Community site. This HYBRID lecture / online class will be delivered partially over the internet.							
10835			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.

10836		LI126	D Van Tassel	4.0	MW	0945- 1105	
This HYBRID lecture/online class will be delivered partially over the internet.							
10837			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

10838			D Van Tassel	4.0			
10933	L/L	MHG8	D Van Tassel	4.0	M	0600- 0905	
			D Van Tassel				
Above class meets at Morgan Hill Community site. This HYBRID lecture / online class will be delivered partially over the internet.							

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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CSIS 73 Desktop Publishing - Adobe InDesign

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. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Also listed as DM 73. ADVISORY: Completion of CSIS 1 or completion of CSIS 2.

10843	Lec	BU111	J Conrey	3.0	R	1120- 0210	
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CSIS 74 Advanced PhotoShop

Transferable: CSU; GAV-GE:C1

This course is for the PhotoShop-experienced student and explores PhotoShop's advanced features in depth. Students work on projects, which challenge their creativity and technical ability, and will be encouraged to develop complex projects for the web and for the printed page. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 74 and DM 74. ADVISORY: CSIS 75 PhotoShop I

10794	Lec	LI128	R Beede	3.0	TR	0945- 1105	
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CSIS 75 Photoshop I - Adobe Photoshop

Transferable: CSU; GAV-GE:C1

This course is based on the software application Adobe Photoshop. Students learn to scan photographs and manipulate them using Photoshop tool box and special effects filters. They will learn to correct photos; mask image using channels; create duotone, tritone, and quadtone images; prepare photos for use in printing and on the web. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. Students who repeat this course will learn new and advanced features. This course is also listed as DM 75. ADVISORY: CSIS 124 (Windows Fundamentals), CSIS 2L

10926	Lec	MHG5	R Grzan	3.0	T	0600- 0905	
Above class meets at Morgan Hill Community site.							
10930	Lec	LI128	K Powers	3.0	M	0400- 0650	

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 ART 76 and DM 76. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

10796	Lec	LI128	V Fainshtein	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 ART 77 and DM 77. This course has the option of a letter grade or pass/no pass. May be repeated twice for credit. ADVISORY: CSIS 124, CSIS 1, CSIS 2/2L, CSIS 3, or familiarity using the Macintosh or Windows operating system.

10799	L/L	AR103	R Beede	3.0	M	1250- 0355	
	L/L	LI128	R Beede		W	1250- 0355	

CRN Type Room Instructor Units Days Times Dates

CSIS 80 Digital Photography

Transferable: CSU, UC; GAV-GE:C1


The study of digital photography from digital camera to the computer-based printer or digital media. Artistic, theoretical, and technical aspects will be considered. Topics include information about types and purchasing of digital cameras; theory, mechanics, and art of digital imagery; digital darkroom; eccentricities of digital photo taking; stitching photos for virtual reality; and preparing digital images for print, World Wide Web and other digital media. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 80 and DM 80. ADVISORY: CSIS 1 or CSIS 2/2L or ART 8A or equivalent computer experience.

10367	L/L	LI128	J Edberg	3.0	M	1250-0355
	L/L	AR103	J Edberg		W	1250-0355

CSIS 85 Web Design I: Dreamweaver

Transferable: CSU; GAV-GE:C1

Basic and intermediate principles of designing Web pages/sites using the Dreamweaver web design software and HTML. Emphasis will be on good design and the use of tables, frames, forms, rollovers, DHTML, XHTML, behaviors, and CSS. Also includes site maintenance and the integration of multimedia components such as graphics, sound, animation, and video. This course is for the content person to design, develop, and maintain effective Web sites. This course is also listed as ART 85 and DM 85. This course has the option of a grade or pass/no pass. May be repeated three times for credit. ADVISORY: CSIS 6 or basic knowledge of HTML.


10801	Lec	LI128	V Fainshtein	2.0	F	1000-1150
10827			S Lawrence	2.0		10/22/12 - 12/14/12

CSIS 110 Interactive Animation: Flash

Transferable: CSU; GAV-GE:C1

The production of vector graphics, animation, and interactive multimedia in Shockwave-Flash format for web pages and other digital media. Design of highly interactive web site interfaces and animated games using Flash actions (scripting). Useful for web designers/developers, animators, and multimedia authors. This course has the option of a letter grade or pass/no pass. Also listed as ART 110 and DM 110. May be repeated three times for credit. ADVISORY: CSIS 1, CSIS 2/2L, CSIS 124 or basic computer knowledge.

10729	L/L	LI128	K Powers	3.0	W	0400-0650
			K Powers			

 This HYBRID lecture/online class will be delivered partially over the internet.

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. May be repeated once for a total of 1 unit. ADVISORY: CSIS 122 or knowledge of keyboard with keyboarding speed of at least 25 wpm.

10740	Lab	BU110	S Gaffney	.5		Open Entry/Open Exit
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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. May be repeated two times for credit. Also listed as ART 113 and DM 113. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience

10748	L/L	LI128	R Beede	3.0	TR	1120-0140
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CRN Type Room Instructor Units Days Times Dates

CSIS 117 Visual Effects-Motion Graphics

Transferable: CSU, UC

Study of the design of visual effects and motion graphics used in digital video, film, web, multimedia, and interactive games. Includes video/graphics compositing techniques, 2D animation, basic 3D animation, and effects commonly done in digital post-production. Software such as Adobe After Effects and Apple's Motion and Shake will be used. May be repeated 3 times for credit. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 117 and DM 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.

10757	L/L	LI128	R Beede	3.0	MW	0945-1205
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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. Repeatable whenever a new software package is adopted. 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.

10776	Lec	BU111	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. May be repeated once for credit when the software changes. Also listed as ACCT 121. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

10235	Lec	BU111	J Conrey	2.0	W	1120-0210	09/12/12 - 12/05/12
10239	Lec	HOL3	F Mendez	2.0	W	0400-0600	

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 3 units are accrued.

10809	Lab	BU110	E Venable	1.0			Self paced, see instructor
10810	Lab	BU110	E Venable	.5			Self paced, see instructor
10811	Lab	HOL3	M Bryson	.5	MW	0945-1105	
							Above class meets at the Hollister Briggs site. Self paced, see instructor
10812	Lab	HOL3	M Bryson	1.0	MW	0945-1240	
							Above class meets at the Hollister Briggs site. Self paced, see instructor
10813	Lab	HOL3	M Bryson	.5	MW	1120-1240	
							Above class meets at the Hollister Briggs site. Self paced, see instructor
10814	Lab	HOL3	M Bryson	1.0	MW	1120-0125	
							Above class meets at the Hollister Briggs site. Self paced, see instructor
10847	Lab	HOL3	D Hampton	.5	T	0600-0735	
							Above class meets at the Hollister Briggs site. Self paced, see instructor
10848	Lab	HOL3	D Hampton	1.0	T	0600-0905	
							Above class meets at the Hollister Briggs site. Self paced, see instructor



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

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. This course may be repeated three times for credit. ADVISORY: Basic keyboarding skill.

10787	Lec	BU111	E Milar	1.0	T	1250- 0225	09/25/12 - 11/20/12
10788	Lec	HOL3	M Bryson	1.0	MW	0900- 1105	09/10/12 - 10/03/12
Above class meets at the Hollister Briggs site.							
10789	Lec	HOL3	F Mendez	1.0	W	0130- 0335	10/10/12 - 12/05/12
Above class meets at the Hollister Briggs site.							

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 and may be repeated for credit when the software changes. ADVISORY: Eligible for English 260 and basic keyboarding skills.

10786	Lec	MHG8	F Mendez	2.0	F	0900- 1050	
Above class meets at Morgan Hill Community site.							
10790	Lec	HOL3	F Mendez	2.0	M	0400- 0600	
Above class meets at the Hollister Briggs site.							
10791	Lec	HOL3	M Bryson	2.0	MW	0900- 1105	10/10/12 - 12/05/12
Above class meets at the Hollister Briggs site.							
10807	Lec	BU111	E Milar	2.0	M	1250- 0210	
10808			J Conrey	2.0			

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. May be repeated three times for credit. ADVISORY: CSIS 126 or word processing skills in the Windows environment.

10815	Lec	BU110	E Venable	1.0		Self paced, see instructor	
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CSIS 151 Introduction to XML Authoring

Transferable: CSU

This course provides an introduction and overview of eXtensible Markup Language (XML) and XML related technologies used to develop content and manipulate data for commercial web sites. XML is a revolutionary language which is rapidly becoming a Web development standard for business-to-business transactions, and for database manipulation and searching. The class will cover well-formed and valid XML documents, namespaces, schemas, cascading style sheets (CSS), and XSLT. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. ADVISORY: CSIS 6

10805			D Van Tassel	3.0			
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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.

10819	L/L	BU118	J Foshee	4.0	R	0230- 0620	
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CRN Type Room Instructor Units Days Times Dates

CSIS 182 Operating Systems

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

10820	L/L	BU118	L Barreto	4.0	T	0600- 0950	
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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. May be repeated three times for credit. ADVISORY: CSIS 182.

10821	L/L	BU118	M Ramos	4.0	M	0600- 0950	
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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.

10752	Wrk Ex	LI101A	S Sweeney	1.0			
10753	Wrk Ex	LI101A	S Sweeney	2.0			
10754	Wrk Ex	LI101A	S Sweeney	3.0			
10755	Wrk Ex	LI101A	S Sweeney	4.0			

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.

10299	Lab	LI105	J Maringer-Cantu	.5			Make an appointment with the HTC instructor (LI105) Open Entry/Open Exit
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CSIS 571 Computer Assisted Instruction

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.

10301			J Maringer-Cantu	.5			Open Entry/Open Exit
10302	Lab	LI105	J Maringer-Cantu	.5			Open Entry/Open Exit
10303	Lab	LI105	J Maringer-Cantu	1.0			Open Entry/Open Exit
10304	Lab	LI105	J Maringer-Cantu	2.0			Open Entry/Open Exit

CRN Type Room Instructor Units Days Times Dates

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.

10305 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. May be repeated once for credit. **ADVISORY:** Eligible for English 250, 260 and Mathematics 205.

10450 L/L BU103 N Boyd 12.0 TWRF 0810- 0930
 L/L COS102 A Juarez TWRF 0935- 0330
 Student kit cost \$675 payable at Admissions and Records by the first day of instruction.
 Approximate cost for course materials is \$200. 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.

10452 L/L COS102 M Andre 12.0 TWRF 0810- 0330
 N Khanna

Approximate cost for materials is \$300.00. Prices are subject to change. Please contact the Cosemtology department at (408) 848-4884 for a complete list of required materials.

COS 202 Advanced Cosmetology

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.

10863 L/L COS102 G Ramirez 12.0 TWRF 0810- 0330
 Approximate cost for materials fee is \$400.00. Prices are subject to change. Please contact the Cosmetology department at (408) 848-4884 for a complete list of required materials.

COS 203 Practicum

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

10864 Lab COS102 M Andre 1.0 TWRF 0810- 0330
 10912 Lab COS102 N Khanna 2.0 TWRF 0830- 0330
 10913 Lab COS102 M Andre 3.0 TWRF 0830- 0330
 10914 Lab COS102 N Khanna 4.0 TWRF 0830- 0330
 10915 Lab COS102 N Khanna 5.0 TWRF 0830- 0330
 10916 Lab COS102 M Andre 6.0 TWRF 0830- 0330
 10917 Lab COS102 N Khanna 7.0 TWRF 0830- 0330
 10918 Lab COS102 M Andre 8.0 TWRF 0830- 0330
 10919 Lab COS102 M Andre 9.0 TWRF 0830- 0330
 10920 Lab COS102 N Khanna 10.0 TWRF 0830- 0330
 10921 Lab COS102 M Andre 11.0 TWRF 0830- 0330
 10922 Lab COS102 N Khanna 12.0 TWRF 0830- 0330

CRN Type Room Instructor Units Days Times Dates

COS 205 State Board Review

Transferable: No

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

10874 Lab COS102 R Hernandez 2.0 M 0810- 0145

COS 220 Scientific Skin Care (Esthetics)

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.

10865 L/L COS102 S Rodrigues 8.0 MTWRF 0445- 0945
 STAFF

Approximate cost for course materials fees is \$800.00. Prices are subject to change. Please contact the Cosmetology department at (408) 848-4884 for a complete list of required materials.

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.

10772 Wrk Ex LI101A S Sweeney 1.0
 10773 Wrk Ex LI101A S Sweeney 2.0
 10774 Wrk Ex LI101A S Sweeney 3.0
 10775 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. 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.


10841 J Howell 2.0 08/29/12 - 10/23/12
 10935 J Howell 2.0 10/17/12 - 12/11/12

DM 74 Advanced PhotoShop

Transferable: CSU; GAV-GE:C1

This course is for the PhotoShop-experienced student and explores PhotoShop's advanced features in depth. Students work on projects, which challenge their creativity and technical ability, and will be encouraged to develop complex projects for the web and for the printed page. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 74 and CSIS 74. **ADVISORY:** CSIS 75 PhotoShop I

10792 Lec LI128 R Beede 3.0 TR 0945- 1105

 **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

DM 75 Photoshop I - Adobe PhotoShop

Transferable: CSU; GAV-GE:C1

This course is based on the software application Adobe Photoshop. Students learn to scan photographs and manipulate them using Photoshop tool box and special effects filters. They will learn to correct photos; mask image using channels; create duotone, tritone, and quadtone images; prepare photos for use in printing and on the web. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. Students who repeat this course will learn new and advanced features. This course is also listed as CSIS 75. ADVISORY: CSIS 124 (Windows Fundamentals), CSIS 2L

10928	Lec	MHG5	R Grzan	3.0	T	0600-0905
Above class meets at Morgan Hill Community site.						
10931	Lec	LI128	K Powers	3.0	M	0400-0650

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 ART 76 and CSIS 76. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

10797	Lec	LI128	V Fainshtein	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 ART 77 and CSIS 77. This course has the option of a letter grade or pass/no pass. May be repeated twice for credit. ADVISORY: CSIS 124, CSIS 1, CSIS 2/2L, CSIS 3, or familiarity using the Macintosh or Windows operating system.

10800	L/L	AR103	R Beede	3.0	M	1250-0355
	L/L	LI128	R Beede		W	1250-0355

DM 80 Digital Photography

Transferable: CSU, UC; GAV-GE:C1

The study of digital photography from digital camera to the computer-based printer or digital media. Artistic, theoretical, and technical aspects will be considered. Topics include information about types and purchasing of digital cameras; theory, mechanics, and art of digital imagery; digital darkroom; eccentricities of digital photo taking; stitching photos for virtual reality; and preparing digital images for print, World Wide Web and other digital media. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 80 and CSIS 80. ADVISORY: CSIS 1 or CSIS 2/2L or ART 8A or equivalent computer experience.


10366	L/L	LI128	J Edberg	3.0	M	1250-0355
	L/L	AR103	J Edberg		W	1250-0355

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/sites using the Dreamweaver web design software and HTML. Emphasis will be on good design and the use of tables, frames, forms, rollovers, DHTML, XHTML, behaviors, and CSS. Also includes site maintenance and the integration of multimedia components such as graphics, sound, animation, and video. This course is for the content person to design, develop, and maintain effective Web sites. This course is also listed as ART 85 and CSIS 85. This course has the option of a letter grade or pass/no pass. May be repeated twice for credit. ADVISORY: CSIS 6 or basic knowledge of HTML.

10803	Lec	LI128	V Fainshtein	2.0	F	1000-1150
10826			S Lawrence	2.0		10/22/12 - 12/14/12

DM 110 Interactive Animation: Flash

Transferable: CSU; GAV-GE:C1

The production of vector graphics, animation, and interactive multimedia in Shockwave-Flash format for web pages and other digital media. Design of highly interactive web site interfaces and animated games using Flash actions (scripting). Useful for web designers/developers, animators, and multimedia authors. This course has the option of a letter grade or pass/no pass. Also listed as ART 110 and CSIS 110. May be repeated three times for credit. ADVISORY: CSIS 1, CSIS 2/2L, CSIS 124 or basic computer knowledge.

10732	Lec	LI128	K Powers	3.0	W	0400-0650
			K Powers			

This HYBRID lecture/online class will be delivered partially over the internet.

DM 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. May be repeated two times for credit. Also listed as ART 113 and CSIS 113. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience.

10751	L/L	LI128	R Beede	3.0	TR	1120-0140
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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. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 117 and 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.

10758	L/L	LI128	R Beede	3.0	MW	0945-1205
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VISIT WWW.GAVILAN.EDU/DISTED/ FOR DETAILS.



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
ECOLOGY

ECOL 1 Conservation of Natural Resources

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

10633	Lec	LS101	J Hubbard	4.0	TR	1250- 0210
	Lab	LS102	J Hubbard		T	0230- 0535
This service learning course involves community work.						
10634	Lec	LS101	J Hubbard	4.0	TR	1250- 0210
	Lab	LS102	J Hubbard		R	0230- 0535
This service learning course involves community work.						

ECONOMICS

ECON 1 Principles of Macroeconomics

Transferable: CSU, UC; CSU-GE:D2, IGETC:4B; GAV-GE:D2, F; CAN:ECON2
 Introduction to the principles of macroeconomics, social organization of the economy; supply and demand; the determinants of national income and production, economic growth, the global economy and trade, employment, prices, savings and investment; the nature and effectiveness of monetary and fiscal policy. This course has the option of a letter grade or pass/no pass. **ADVISORY:** Eligible for English 1A and Mathematics 233.

10620	Lec	BU120	J Kearns	3.0	TR	1250- 0210
Student will be required to purchase access to "My Econ Lab," Online Portal. See instructor for details. jkearns@gavilan.edu						
10621			J Kearns	3.0		
Student will be required to purchase access to "My Econ Lab," Online Portal. See instructor for details. jkearns@gavilan.edu						
10622	Lec	BU120	J Kearns	3.0	MW	0945- 1105
Student will be required to purchase access to "My Econ Lab," Online Portal. See instructor for details. jkearns@gavilan.edu						
10625			J Kearns	3.0		
Student will be required to purchase access to "My Econ Lab," Online Portal. See instructor for details. jkearns@gavilan.edu						

ECON 2 Principles of Microeconomics

Transferable: CSU, UC; CSU-GE:D2, IGETC:4B; GAV-GE:D2; CAN:ECON4
 Introduction to microeconomic principles and theory; supply, demand; product and factor price determination, resource allocation, costs, revenues, and profits under different competitive situations; international trade; government regulation and taxation. Note: Economics 1 is not a prerequisite for Economics 2. This course has the option of a letter grade or pass/no pass. **ADVISORY:** Eligible for English 260, English 250 and Mathematics 233.

10623	Lec	BU120	J Kearns	3.0	MW	1250- 0210
10624	Lec	MHG5	J Kearns	3.0	TR	0945- 1105
Above class meets at Morgan Hill Community site.						

ECON 14 Personal Finance

Transferable: CSU
 This course is designed to assist individuals to analyze their financial affairs for lifelong decision making. Elements and concepts of financial planning and decision making in the areas of budgeting, taxes, borrowing, money management, insurance, investments, retirement, and estate planning will be examined. This course is also listed as BUS 14. This course has the option of a letter grade or pass/no pass. **ADVISORY:** Math 400

10349	Lec	MHG10	S Kurtz	3.0	R	0630- 0930
Above class meets at Morgan Hill Community site.						

CRN Type Room Instructor Units Days Times Dates
ENGINEERING

ENGR 2 Statics

Transferable: CSU, UC; CAN:ENGR8
 Vector treatment of two- and three-dimensional force systems acting on particles and engineering structures in equilibrium. Topics include forces, moments, couples, resultants, equilibrium conditions, trusses, centroids, moment of inertia, beams, shear and moment diagrams, cables, fluids and friction. **PREREQUISITE:** Mathematics 1A and Mathematics 1B and Physics 4A with a grade of 'C' or better.

10635	Lec	PS102	R Lee	3.0	MW	0945- 1105
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ENGR 5 Engineering Programming and Problem Solving

Transferable: CSU, UC; CAN:CSCI4
 An introduction to engineering problem solving using computer programming, numerical computing, and spreadsheets. Topics will include basic control structures, data types, input/output, an introduction to the design, implementation, testing and documentation of software, and the syntax and semantics of a modern programming language. Additional topics include matrix manipulation, curve plotting, finding solutions of ODEs, statistical analysis and presentation of data using available software. **PREREQUISITE:** Mathematics 1A with a grade of 'C' or better. May be taken concurrently.

10636	Lec	PS102	R Orozco	3.0	T	0600- 0905
	Lab	PS102	R Orozco		R	0600- 0905

ENGR 10A Introduction to Engineering I

Transferable: CSU, UC
 Engineering 10A introduces students to the engineering profession. Topics will include an introduction to the various engineering disciplines; the role of engineers and engineering in society; the curriculum requirements for the various engineering disciplines at different four-year institutions; academic success strategies; personal and professional development techniques; an introduction to the engineering design process; an introduction to engineering problem-solving methodologies; engineering ethics; communication skills; and working as a member of a team. **ADVISORY:** English 250.

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ENGLISH COMPOSITION AND READING COURSE SEQUENCE

