

CRN Type Room Instructor Hrs. Units Days Begin-End

**COMPUTER GRAPHICS AND DESIGN**

**CGD 2 2D/3D Technical Computer Graphics I**

Transferable: CSU

Introduction and foundation to 2D and 3D visualization and manipulation using modeling, rendering, and animation processes. Emphasis is on individual students developing a personal style of problem solving and designing for a variety of design fields. Students work on cooperative group projects or individual assignments. This is an open entry/exit class and may be repeated once. 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. Computer lab work can be done both in lab and off-site.

10203 L/L LI126 TBA 3.20 4.0 TR 1120A-1240P

**CGD 4 2D/3D Technical Computer Graphics II**

Transferable: CSU

Intermediate to complex 2D/3D modeling of geometric objects including working drawings, rendering and animation activities. This class allows personal student development in imagination and inventive problem solving that can be related to various creative design fields. Students work in individual and cooperative group projects. This is an open entry/exit course. ADVISORY: Completion of CGD 2 with a grade of C or better. Computer lab work can be done both in lab and off-site.

10987 L/L LI126 TBA 2.80 4.0 TR 0220P-0330P

**CGD 6 Advanced Technical Computer Graphics**

Transferable: CSU

Computer design in precision manufacturing. Applied geometry, mathematics for layout, and tolerancing. Advanced design processes and documentation for the designer. Students may concurrently enroll in CGD 110. An open entry/exit course. ADVISORY: Eligible for English 250, 260 and Mathematics 233. Computer lab work can be done both in lab and off-site.

10988 L/L LI126 TBA 2.80 4.0 TR 0220P-0330P

**CGD 110 Computer Graphics Lab**

Transferable: CSU

Structured for students concurrently enrolled in computer graphics and art classes. Provides supervised practice and individualized computer assisted learning on software applications and techniques commonly found in the computer graphic design field. This is an open entry/exit class and may be repeated three times. 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.

10242 L/L LI126 TBA 1.0 Open entry - open exit.  
 10244 L/L LI126 TBA 2.0 Open entry-open exit.  
 10246 L/L LI126 TBA 3.0 Open entry-open exit.  
 10247 L/L LI126 TBA 4.0 Open entry-open exit.

**CGD 190 Occupational Work Experience/Computer Graphics & Design**

Transferable: CSU

College credit for learning experience obtained on the job in accordance with a training plan developed cooperatively between the employer, college and student. 75 hours per semester per unit or 60 hours per semester for unpaid experience. This is a pass/no pass course. May be taken for a maximum of 16 work experience units. REQUIRED: Declared vocational major. Concurrent enrollment in seven or more units (including CWE units, except for summer school. For summer school enrollment in one other class is required). Minimum 2.0 G.P.A. Computer lab work can be done both in lab and off-site.

Mandatory course orientation for the following classes will be conducted Tuesday evening, September 23rd from 5:30-6:30 pm in BU117, Wednesday, Sept. 24th or Thursday Sept. 25th, from 12-1 p.m. in SC 154N. Students need to attend one of the three meetings. Please contact Lynda Kerr, CWE Coordinator at (408) 846-4993 for more information.

10114 Wrk Ex BU125 Kerr L 1.0  
 10117 Wrk Ex BU125 Kerr L 2.0  
 10118 Wrk Ex BU125 Kerr L 3.0  
 10119 Wrk Ex BU125 Kerr L 4.0

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.


10442 Lec BU111 Gaffney S 4.60 2.0 MW 0900A-1105A  
 09/03/08 - 10/20/08  
 10443 Lec BU111 Gaffney S 4.60 2.0 MW 0900A-1105A  
 10/22/08 - 12/10/08  
 10444 Lec HOL3 Bryson M 4.60 2.0 MW 1120A-0125P  
 09/10/08 - 11/03/08 Above class meets at the Hollister Briggs site.  
 10445 Lec GHS-D1 Conrey J 3.00 2.0 T 0330P-0630P  
 9/09/08 - 11/25/08 Above class meets at Gilroy High School, 750 West Tenth St, Gilroy.  
 10446 Lec HOL3 Thompson F 3.30 2.0 R 0600P-0905P  
 09/18/08 - 12/11/08 Above class meets at the Hollister Briggs site.  
 10447 Lec BU110 Gaffney S 3.30 2.0 T 0600P-0905P  
 09/30/08 - 12/16/08 Short-term classes meet on specified dates.

**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

10448 L/L BU111 Venable E 1.60 4.0 T 0945A-1105A  
 L/L ONLINE Venable E 3.00  
 This class requires one additional arranged hour per week and three hours online per week.

10452 L/L BU111 Venable E 1.60 4.0 F 0945A-1105A  
 L/L ONLINE Venable E  
 This class requires one additional arranged hour per week and three hours online per week.

**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.

10453 Lab BU111 Bryson M 1.60 1.0 T 0945A-1105A  
 This class requires one additional arranged hour per week.  
 10460 Lab BU111 Bryson M 1.60 1.0 F 0945A-1105A  
 This class requires one additional arranged hour per week.  
 10984 Lab BU111 Thompson F 3.30 1.0 M 0600P-0905P

**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.

10038 Online N/A Meader S 2.0  
 10/14/08 - 12/08/08 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

10926 L/L LI126 Van Tassel D 4.00 3.0 MW 0945A-1135A

10927 Online N/A Van Tassel D 3.0

 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.


**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.

10503 Lec LI126 Littig A 4.60 2.0 TR 0900A-1105A  
09/04/08 - 10/21/08

10470 Online N/A Howell J 2.0

 10/20/08 - 12/14/08 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

10509 Online N/A Venable E 2.0


 09/29/08 - 11/23/08 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

**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

10598 Online N/A Venable E 1.0

 09/04/08 - 10/29/08 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

10599 Online N/A Venable E 1.0

 10/29/08 - 12/21/08 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

**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.

10601 Lec LI126 Littig A 4.60 2.0 TR 0900A-1105A  
10/23/08 - 12/11/08

**GRADUATION INFORMATION**



Call 408-848-4737 for details about the graduation process.

The deadline for filling out a petition for graduation for fall is Monday, October 13.

**Admissions & Records**

**APPLY & REGISTER ONLINE ...**

Go to [www.gavilan.edu](http://www.gavilan.edu) and click on the Self-Service Banner icon.

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for Men & Women

Includes:

- ✓ Hair cut & style
  - ✓ Deep conditioning
  - ✓ Scalp treatment
  - ✓ Manicure
  - ✓ Facial
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**DISCOUNTS**

Senior Citizens: 20% daily

Staff/Students: 10% daily

Discounts not applicable to DAILY SPECIALS, Special perms or any service under \$6.00

**Spring/Fall hours**

Wed.-Fri. 10:00 am - 2:30 pm

**Summer hours**

Tu.-Th. 10:30 am - 3:30 pm

**DAILY SPECIALS**

**Wednesday:**

Hair Cut ONLY - \$5.50

Hair Cut & Style - \$10

**Thursday/Friday:**

All Basic Perms - 20% off

Plain Manicure & Pedicure - \$11

**Wednesday/Friday:**

Hair Color - 20% off

All work performed by students supervised by instructors. Discounts not applicable to daily specials, special color, special perms or any service under \$6. Not valid with any other discounts.

For appointments call 408-842-5055

**What is a CRN?**


CRN stands for Course Reference Number. This is the number (used to be called section) that you will use to register for your classes.

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.


10606 Online N/A Van Tassel D 4.0  
 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

10609 L/L MHG8 Van Tassel D 4.00 4.0 M 0600P-0950P  
 Above class meets at Morgan Hill Community site.

 **CSIS 42 Python Programming**

Transferable: CSU


Introduction to the interpreted language called Python. Study and create programs that perform various tasks, including text and file manipulation, internet scripting, data structures, testing, and practical problem solving with examples. Covers object oriented programming and the Python Standard Library.

10938 Online N/A Howell P 4.0  
 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

**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.


10611 Online N/A Van Tassel D 4.0  
 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

10935 L/L LI126 Van Tassel D 4.00 4.0 MW 0945A-1135A

**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)

10612 Online N/A Van Tassel D 4.0  
 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.


10613 L/L LI126 Van Tassel D 4.00 2.0 MW 0945A-1135A

**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

10929 L/L MHG8 Van Tassel D 4.00 4.0 T 0600P-0950P  
 Above class meets at Morgan Hill Community site.

10930 Online N/A Van Tassel D 4.0  
 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

CRN Type Room Instructor Hrs. Units Days Begin-End

**CSIS 54 Perl Programming**

Transferable: CSU, UC

Introduction to the interpreted language called PERL, the Practical Extraction and Report Language. Writing of programs that perform various tasks, including text, file and process manipulation. Semantics and syntax of the Perl language, including discussion of the practical kinds of problems that Perl can solve and provides examples. This course has the option of a letter grade or pass/no pass. Concurrent enrollment in CSIS 54L is required. COREQUISITE: CSIS 54L Perl Programming Lab ADVISORY: CSIS 45 C++ Programming or equivalent programming experience.

10931 Lec MHG8 Tarvin J 3.30 3.0 R 0600P-0905P  
 Above class meets at Morgan Hill Community site.

**CSIS 54L Perl Programming Lab**

Transferable: CSU, UC

Supplemental practice in coursework associated with this course is provided. Concurrent enrollment in CSIS 54 is required. COREQUISITE: CSIS 54 Perl Programming

10932 Lab MHG8 Tarvin J 1.00 1.0 R 0905P-1000P  
 Above class meets at Morgan Hill Community site.

**CSIS 61 Introduction to Geographic Information Systems**

Transferable: CSU, UC

The Geographic Information Systems (GIS) class introduces students to and teaches them how to use desktop GIS software. GIS is a computer-based data-processing tool used to analyze and manage spatial information that combines computers and geography. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

10985 L/L BU111 Boyes R 4.00 4.0 R 0600P-0950P

**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

10615 Lec MHG5 Grzan R 3.30 3.0 R 0630P-0935P  
 Above class meets at Morgan Hill Community site.

**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

10618 L/L LI128 Beede R 3.20 3.0 MW 0945A-1105A

10629 L/L MHG5 Grzan R 3.30 3.0 T 0630P-0935P  
 Above class meets at Morgan Hill Community site.

**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.

10637 L/L LI128 Beede R 3.20 3.0 TR 1120A-1240P

CRN Type Room Instructor Hrs. Units Days Begin-End

**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. \$20 materials fee, payable at registration.

10641 L/L LI128 Edberg J 5.40 3.0 MW 1250P-0315P

**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 twice for credit. ADVISORY: CSIS 6 or basic knowledge of HTML.

10665 Lec MHG8 Conrey J 3.30 2.0 W 0600P-0905P  
09/24/08 - 12/10/08 Above class meets at Morgan Hill Community site.

**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.

10687 L/L LI128 Beede R 3.20 3.0 MW 1120A-1240P

**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.

10725 Lab BU110 Gaffney S .5

**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, special effect generation, and production of video (and associated audio) using the personal computer equipped with specialized software such as iMovie, Final Cut Pro, and After Effects. Also considered will be the preparation of digital video for use in interactive media such as CD, DVD, and the World Wide Web. Students will produce a final digital video project on DVD. This course has the option of a letter grade or pass/no pass. May be repeated 2 times for credit. Also listed as ART 113 and DM 113. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience

10734 L/L LI128 Beede R 3.20 3.0 TR 0945A-1105A

**Don't go to the wrong city**

MHG = Morgan Hill Community Center site

HOL = Hollister Briggs Building site

**CSIS 49**  
Unix/Linux Shell Programming

A beginning course in UNIX/Linux shell programming, covering theory and concepts, shell variables, decision making commands and looping mechanisms.



4 units

Tuesday evenings in Morgan Hill  
Instructor: Dennie Van Tassel

Transferable: UC and CSU

**Advanced Photoshop**

**CSIS 74**

Learn the advanced features of **Photoshop CS3** and create professional artwork.



Also listed as ART 74 and DM 74.

**CSIS 75 Photoshop I**

Learn to scan, correct and manipulate photos with *Adobe Photoshop CS3*

Also listed as ART 75 and DM 75.

**Sign Up Now!**

DESIGN YOUR OWN WEB SITE!

**CSIS 85**  
Web Design I: Dreamweaver

Now using Dreamweaver CS3

In this course you will learn to design, develop and maintain effective Web sites.

Also listed as ART 85 & DM 85.

CRN Type Room Instructor Hrs. Units Days Begin-End

**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 computer experience.

10362	L/L	MHG5	Brown R	3.70	2.0	M	0600P-0905P
Above class meets at Morgan Hill Community site.							
10409	L/L	HOL3	College A	3.30	2.0	F	0530P-0835P
Above class meets at the Hollister Briggs site.							

**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.

10869	Lec	BU111	Conrey J	3.00	2.0	T	1120A-0210P
09/23/08 - 12/09/08							
10871	Lec	HOL3	Thompson F	3.30	2.0	T	0600P-0905P
09/23/08 - 12/09/08 Above class meets at the Hollister Briggs site.							
10959	Lec	BU111	Thompson F	3.70	2.0	W	0600P-0905P

**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.

10872	Lab	BU110	Venable E		1.0		
Orientation required. Schedule available in room BU 110. Open entry-open exit.							
10873	Lab	BU110	Venable E		.5		
Orientation required. Schedule available in room BU 110. Open entry-open exit.							
10881	Lab	MHG8	Hampton D	2.00	.5	S	0830A-1020A
09/06/08 - 12/20/08 Above class meets at Morgan Hill Community site.							
10882	Lab	MHG8	Hampton D	4.00	1.0	S	0830A-1220P
09/06/08 - 12/20/08 Above class meets at Morgan Hill Community site.							
10874	Lab	HOL3	Bryson M	3.20	.5	MW	0945A-1105A
Above class meets at the Hollister Briggs site.							
10875	Lab	HOL3	Bryson M	6.00	1.0	MW	0945A-1240P
Above class meets at the Hollister Briggs site.							
10877	Lab	HOL3	Bryson M	3.20	.5	MW	1120A-1240P
Above class meets at the Hollister Briggs site.							
10878	Lab	HOL3	Bryson M	4.60	1.0	MW	1120A-0125P
Above class meets at the Hollister Briggs site.							
10885	Lab	BU110	Gaffney S	2.00	.5	T	0600P-0750P
Orientation required. Schedule available in class BU 110. Open entry-open exit.							
10886	Lab	BU110	Gaffney S	3.30	1.0	T	0600P-0905P
Orientation required. Schedule available in class BU 110. Open entry-open exit.							
10891	Lab	HOL3	Ross Y	2.00	.5	W	0630P-0820P
Above class meets at the Hollister Briggs site.							
10892	Lab	HOL3	Ross Y	3.30	1.0	W	0630P-0935P
Above class meets at the Hollister Briggs site.							

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

10898	Lec	MHG8	Hampton D	4.00	1.0	S	0830A-1220P
09/13/08 - 10/11/08 Above class meets at Morgan Hill Community site.							
10894	Lec	HOL3	Bryson M	4.60	1.0	MW	0900A-1105A
09/08/08 - 10/08/08 Above class meets at the Hollister Briggs site.							
10893	Lec	BU111	Milar E	1.60	1.0	M	0220P-0340P
09/15/08 - 11/24/08							

**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, footnotes for a research paper. This course has the option of a letter grade or pass/no pass and may be repeated when the software changes. ADVISORY: Eligible for English 260 and basic keyboarding skills.

10901	Lec	MHG8	Hampton D	4.00	2.0	S	0830A-1220P
10/18/08 - 12/20/08 Above class meets at Morgan Hill Community site.							
10904	Lec	MHG8	Conrey J	3.30	2.0	R	0900A-1205P
09/18/08 - 12/11/08 Above class meets at Morgan Hill Community site.							
10900	Lec	BU111	Milar E	1.60	2.0	M	1250P-0210P
10899	Lec	HOL3	Hampton D	3.30	2.0	M	0600P-0905P
09/15/08 - 12/15/08 Above class meets at the Hollister Briggs site.							

**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.

10903	Lec	HOL3	Bryson M	4.60	1.0	MW	1120A-0125P
11/24/08 - 12/08/08 Above class meets at the Hollister Briggs site.							
10989	Lec	BU111	Venable E	2.00	1.0	F	1200P-0200P
10/03/08 - 12/12/08							

**CSIS 140 Basic Digital Film/Video Production**

Transferable: CSU, UC; GAV-GE:C1

An on-line self-paced course covering the basics of film/video production and post production (editing) using "easy to use" computer software such as Apple's iMovie. Beneficial for students who are producing a video/film project as a requirement for another college course, extra skills development, or for self interest. Completion of the associated class or personal project in DVD format using either personal video equipment or the equipment in the Digital Media Studio is required. May be repeated twice for credit. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 140 and DM 140.

10909 Online N/A Beede R 1.0  
 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

**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. May be repeated three times for credit. ADVISORY: CSIS 124

10912	L/L	BU118	Robinson V	4.00	4.0	T	0600P-0950P
	ARR	BU118	Robinson V				0400P-0555P

Classroom Locations: Refer to "How to Use This Schedule" on page 6.

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

10913 L/L BU120 Robinson V 4.00 4.0 F 0900A-0100P

**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

10914	L/L	BU118	Robinson V	4.00	4.0	M	0600P-0950P
	ARR	BU118	Robinson V	2.00			0400P-0555P

**CSIS 190 Occupational Work Experience/Computer Science**

Transferable: CSU

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

Mandatory course orientation for the following classes will be conducted Tuesday evening, September 23rd from 5:30-6:30 pm in BU117, Wednesday, Sept. 24th or Thursday Sept. 25th, from 12-1 p.m. in SC 154N. Students need to attend one of the three meetings. Please contact Lynda Kerr, CWE Coordinator at (408) 846-4993 for more information.

10107	Wrk Ex	BU125	Kerr L		1.0		
10108	Wrk Ex	BU125	Kerr L		2.0		
10110	Wrk Ex	BU125	Kerr L		3.0		
10112	Wrk Ex	BU125	Kerr L		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.

10340 Lab LI105 Maringer J 3.20 .5 MW 0810A-0930A

**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 individual educational plans which are developed for each student. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the 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.

10341	Lab	LI105	Maringer J		.5		
10344	Lab	LI105	Maringer J		1.0		
10346	Lab	LI105	Maringer J		2.0		

**BUSINESS/CSIS DEGREES & CERTIFICATES**

- Accounting
- Bioinformatics
- Business Computer Applications
- Business Economics
- Computer Networking
- Computer Programming
- General Business
- General Office
- Medical Office
- Programming for the Internet
- Scientific Programming
- UNIX Operating Systems
- Web Page Production Specialist



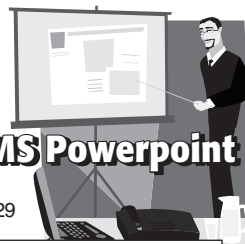
Consult the Gavilan Catalog for complete information or visit the website at [www.gavilan.edu](http://www.gavilan.edu)

**CSIS 129**

**Presentation Graphics - MS Powerpoint**

1 unit

Also listed as CMUN 129



CRN 10903	MW, 11:20 am - 1:25 pm in Hollister
Dates: Nov 24 - Dec 08	Instructor: Margi Bryson
CRN 10989	Fri, 12:00 pm - 2:00 pm on the Gilroy main campus
Dates: Oct 03 - Dec 12	Instructor: Ellen Venable

**Learn to Build and Maintain Computers**



**CSIS 178 APPLIED NETWORKING**

**CSIS 181 PC HARDWARE**

**CSIS 182 OPERATING SYSTEMS**

PREPARATION FOR A+ CERTIFICATION EXAMS  
(Get discounts on Exams)

CRN Type Room Instructor Hrs. Units Days Begin-End

**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, computer ethics and presentation graphics. This course will be self-paced and adjusted so that students with learning, physical, or communicative 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's 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.

10348 Lab LI105 Maringer J 3.20 1.0 MW 1250P-0210P

**Computerized Accounting: see ACCT 120**

**Construction: see Industrial Technology (IT)**

**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.

10558 L/L COS102 Ramirez G 35.20 2.0 T 0810A-0330P  
 L/L BU118 Ramirez G 1.60 W 0810A-0930A  
 L/L BU120 Ramirez G 1.60 R 0810A-0930A  
 L/L LS106 Ramirez G 1.60 F 0810A-0930A  
 L/L COS102 Ramirez G 35.20 2.0 WRF 0930A-0330P

**COS 201 Intermediate Cosmetology**

Transferable: No

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

10559 L/L COS102 Hernandez R 30.40 2.0 TWRF 0810A-0330P

**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.

10560 L/L COS102 Andre M 15.20 2.0 TW 0810A-0330P  
 L/L COS102 Khanna N 15.20 RF 0810A-0330P

**COS 203 Practicum**

Transferable: No

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

10561 L/L COS102 Andre M 15.20 2.0 TW 0810A-0330P  
 L/L COS102 Khanna N 15.20 RF 0810A-0330P  
 10562 L/L COS102 Andre M 15.20 4.0 TW 0810A-0330P  
 L/L COS102 Khanna N 15.20 RF 0810A-0330P  
 10566 L/L COS102 Andre M 15.20 6.0 TW 0810A-0330P  
 L/L COS102 Khanna N 15.20 RF 0810A-0330P  
 10569 L/L COS102 Andre M 15.20 8.0 TW 0810A-0330P  
 L/L COS102 Khanna N 15.20 RF 0810A-0330P  
 10570 L/L COS102 Andre M 3.20 TW 0810A-0930A  
 L/L COS102 Khanna N 3.20 RF 0810A-0930A  
 10572 L/L COS102 Andre M 15.20 2.0 TW 0810A-0330P  
 L/L COS102 Khanna N 15.20 RF 0810A-0330P

CRN Type Room Instructor Hrs. Units Days Begin-End

**COS 205 State Board Review**

Transferable: No

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

10574 Lab COS102 Hernandez R 5.90 2.0 M 0810A-0145P

**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.

10940 L/L COS102 Juarez A 20.00 4.0 MTWR 0500P-0950P

**COS 290 Occupational Work Experience/Cosmetology**

Transferable: No

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

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10121 Wrk Ex BU125 Kerr L 1.0  
 10122 Wrk Ex BU125 Kerr L 2.0  
 10123 Wrk Ex BU125 Kerr L 3.0  
 10124 Wrk Ex BU125 Kerr L 3.0

**CPR: see Allied Health**

**Desktop Publishing: see CSIS or DM**

**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.

10486 Lec LI126 Littig A 4.60 2.0 TR 0900A-1105A  
 09/04/08 - 10/21/08

10473 Online N/A Howell J 2.0  
 10/20/08 - 12/14/08 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

10508 Online N/A Venable E 2.0  
 09/29/08 - 11/23/08 This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

What is a CRN?

CRN stands for Course Reference Number. This is the number (used to be called section) that you will use to register for your classes.

**Classroom Locations: Refer to "How to Use This Schedule" on page 6.**

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

10915	Ind	LI128	Beede R	1.0			
10916	Ind	LI128	Beede R	1.0			

**DM 60 3D Animation I**

Transferable: CSU

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

10917	L/L	LI126	Brownkorb R	3.00	3.0	F	0945A-1240P
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**DM 61 3D Animation II**

Transferable: CSU

This class extends animation into character modeling, soundtrack synchronization, advanced shading, lighting, rendering and compositing techniques. May include topics such as particles, dynamics, and scripting. This course has the option of a letter grade or pass/no pass. ADVISORY: DM 60 or equivalent experience.

10918	L/L	LI126	Brownkorb R	3.20	3.0	TR	1250P-0210P
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**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

10616	Lec	MHG5	Grzan R	3.30	3.0	R	0630P-0935P
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Above class meets at Morgan Hill Community site.

**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

10619	Lec	LI128	Beede R	3.20	3.0	MW	0945A-1105A
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10630	L/L	MHG5	Grzan R	3.30	3.0	T	0630P-0935P
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Above class meets at Morgan Hill Community site.

**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.

10639	L/L	LI128	Beede R	3.20	3.0	TR	1120A-1240P
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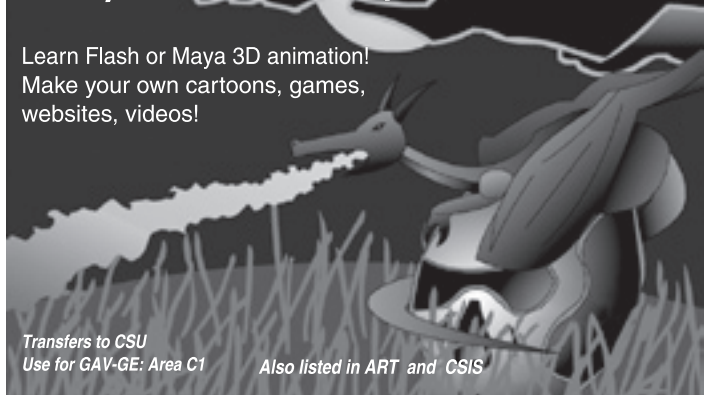
SEE YOUR FUTURE IN



**You can:**  
 Make a web site for CyberSpace  
 Produce a video for Gav - TV or YouTube  
 Record your Podcast for the Internet  
 Animate your story or game idea  
 Design graphics for web, TV, or print  
 Shoot and edit digital photographs

**Take:**  
 DM 77 Intro. to Digital Media  
 DM 113 Digital Video/Audio  
 DM 110 Interactive Animation: Flash  
 DM 60, 61 3D Animation I & II  
 DM 80 Digital Photography  
 DM 75, 74 Photoshop I & II  
 Career info: [www.gavilan.edu/DigitalMedia](http://www.gavilan.edu/DigitalMedia)

**DM 110 Interactive Animation: Flash  
 DM60, 61 3D Animation I, II**



Learn Flash or Maya 3D animation!  
 Make your own cartoons, games, websites, videos!

Transfers to CSU  
 Use for GAV-GE: Area C1  
 Also listed in ART and CSIS



CRN Type Room Instructor Hrs. Units Days Begin-End

**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. \$20 materials fee, payable at registration.

10642 L/L LI128 Edberg J 5.40 3.0 MW 1250P-0315P

**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.

10670 Lec MHG8 Conrey J 3.30 2.0 W 0600P-0905P  
09/24/08 - 12/10/08 Above class meets at Morgan Hill Community site.

**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.

10690 L/L LI128 Beede R 3.20 3.0 MW 1120A-1240P

**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, special effect generation, and production of video (and associated audio) using the personal computer equipped with specialized software such as iMovie, Final Cut Pro, and After Effects. Also considered will be the preparation of digital video for use in interactive media such as CD, DVD, and the World Wide Web. Students will produce a final digital video project on DVD. This course has the option of a letter grade or pass/no pass. May be repeated 2 times for credit. Also listed as ART 113 and CSIS 113. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience.

10862 L/L LI128 Beede R 3.20 3.0 TR 0945A-1105A

**DM 140 Basic Digital Film/Video Production**

Transferable: CSU, UC; GAV-GE:C1

An on-line self-paced course covering the basics of film/video production and post production (editing) using "easy to use" computer software such as Apple's iMovie. Beneficial for students who are producing a video/film project as a requirement for another college course, extra skills development, or for self interest. Completion of the associated class or personal project in DVD format using either personal video equipment or the equipment in the Digital Media Studio is required. May be repeated twice for credit. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 140 and CSIS 140.

10910 Online N/A Beede R 1.0  
This online class will be delivered entirely over the Internet. After enrolling, start the class by going to <http://www.gavilan.edu/disted>, and log into the system. Students who have not logged in by 5 pm on the 3rd day may be dropped from the class.

**Drama: See Theatre Arts**

**Early Childhood Education: See Child Development**

**Earth Science: See Geology, Geography**

CRN Type Room Instructor Hrs. Units Days Begin-End

**ECOLOGY**

**ECOL 1 Conservation of Natural Resources**

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

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.

10887 Lec LS101 Hubbard J 3.20 4.0 TR 1250P-0210P  
If you enroll in this class you must enroll in CRN 10888, or 10890.

10888 Lab LS101 Hubbard J 3.30 T 0230P-0535P  
If you enroll in this class you must enroll in CRN 10887.

10890 Lab LS101 Hubbard J 3.30 R 0230P-0535P  
If you enroll in this class you must enroll in CRN 10887.

**ECONOMICS**

**ECON 1 Principles of Macroeconomics**

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

10919 Lec BU120 TBA 3.20 3.0 MW 1250P-0210P

10920 Lec BU120 TBA 3.20 3.0 TR 1250P-0210P

10921 Lec BU120 TBA 3.30 3.0 M 0600P-0905P

**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.

10922 Lec BU120 TBA 3.20 3.0 TR 1120A-1240P

10923 Lec BU118 TBA 3.20 3.0 MW 0945A-1105A

**ECON 10 Fundamentals of Economics**

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

A survey of economic concepts and systems. Topics to be covered include production and consumption, pricing and competition, economic growth, inflation, employment, money and banking, and international trade. Not open to students with credit in Economics 1 or 2. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250, English 260.

10933 Lec HOL1 Shokou A 3.30 3.0 T 0215P-0520P  
Above class meets at the Hollister Briggs 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

10438 Lec HOL2 Ross Y 3.30 3.0 S 0800A-1105A  
Above class meets at the Hollister Briggs site. Dually listed course. Refer to Gavilan College Catalog.

**Education: see Child Development**