## **Computer Graphics & Design**

CRN Type Room Instructor Hrs. Units Days Begin-End

## 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.

10799 L/L LI128 McLaughlin C 2.8 3.0 TR 0220-033

## 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.

10791	Lab	LI126	McLaughlin C	1.0
10793	Lab	LI126	McLaughlin C	2.0
10795	Lab	LI126	McLaughlin C	3.0
10796	Lab	L1126	McI aughlin C	4.0

## 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 classed will be conducted Tuesday October 6, 2009 from 530 pm+630 pm the North/South Lounge, Wednesday, October 7, 2009 from 430 pm -530 pm in the North/South Lounge and Thursday October 8, 2009 from 8 am to 9 am in the North/South Lounge. Students need to attend one of the three meetings. Please contact Susan Sweeney, CWE Coordinator at (408) 848-4813 for more information.

10846	VVIK EX	LITUTA	Sweeney S	1.0
10847	Wrk Ex	LI101A	Sweeney S	2.0
10848	Wrk Ex	LI101A	Sweeney S	3.0
10849	Wrk Ex	LI101A	Sweeney S	4.0

## **COMPUTER SCIENCE & INFORMATION SYSTEMS**

## CSIS 1 Computer Literacy - MS Office

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

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

10224 Lec PB4 Gaffney S 4.6 2.0 MW 0900 09/02/09 - 10/21/09	0-1105
10227 Lec PB4 Gaffney S 4.6 2.0 MW 0900 10/26/09 - 12/09/09	0-1105
10241 Lec HOL3 Bryson M 4.6 2.0 MW 1120 09/14/09 - 11/04/09 Above class meets at the Hollister Briggs site.	0-0125
10243 Lec HOL3 Thompson F 3.3 2.0 R 0600 09/24/09 - 12/10/09 Above class meets at the Hollister Briggs site.	0-0905
10883 Lec PB3 Gaffney S 3.3 2.0 T 0600 09/29/09 - 12/08/09	0-0905

CRN Type Room Instructor Hrs. Units Days Begin-End

### 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

This following two Hybrid classes will be delivered partially online and also meet face to face at select locations. You must have an email account to take a distance ed course. Unless you have made prior arrangements with the instructor, come to class in person on the first day of the semester or the first day of class for short-term courses. If you do not show up on the first day you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

10289 ONLINE Venable E 4.0
Lab PB3 Bryson M 1.6 T 0945-1105
This Hybrid class will be delivered partially online and also meet face to face at select locations. See statement above.

| O292 ONLINE Venable E 4.0 Lab PB3 Bryson M 1.6 F 0945-1105 This Hybrid class will be delivered partially online and also meet face to face at select locations. See statement above.

## 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.

10293	Lab	PB3	Bryson M	1.6	1.0	Τ	0945-1105
10295	Lab	PB3	Bryson M	1.6	1.0	F	0945-1105
10933	Lab	PB4	Thompson F	3.3	1.0	M	0600-0905

## 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.

10807 ONLINE Meader S 2.0

旦

10/14/09 - 12/08/09 You must have an email account to take this course. Start your course by going to 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 class. 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.

### 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.

10305 ONLINE Van Tassel D 3.0 L/L MHG8 Van Tassel D 3.3 M 0600-0905



This Hybrid class will be delivered partially online and also meet face to face at select locations. You must have an email account to take a distance ed course. Unless you have made prior arrangements with the instructor, come to class in person on the first day of the semester or the first day of class for short-term courses. If you do not show up on the first day you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

10306 ONLINE Van Tassel D 3.0



You must have an email account to take this course. Start your course by going to 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 semester. 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.

Less Grade Stress!! Many CSIS and BUS classes may be taken for either a letter grade or on a pass/no pass basis. Make your choice when registering or until the NRS deadline (Oct. 1). But remember that you cannot change your mind once you're decided. See Pass/No Pass Grading Option on page 26 for more details.

#### 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.

**ONLINF** Howell J 2.0

09/03/09 - 10/26/09 You must have an email account to take this course. Start your course by going to 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 class.
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.

10316 ONLINE Howell J 2.0

10/19/09 - 12/12/09 You must have an email account to take this course. Start your course by going to 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 class. 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.

#### 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** 

10322 **ONLINE** Venable E 1.0

09/08/09 - 10/30/09 You must have an email account to take this course. Start your course by going to 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 class. 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.

10330 Venable E 1.0



10/26/09 - 12/18/09 You must have an email account to take this course. Start your course by going to 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 class. 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.

#### 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.

10884 Lec HOL3 Thompson F 3.3 2.0 F 0900-1205 09/18/09 - 12/11/09 Above class meets at the Hollister Briggs site.

LI126 4.6 2.0 TR 0900-1105 10244 Lec Littia A

10/15/09 - 12/10/09

#### **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.

10301 Lec MHG8 Van Tassel D 3.3 3.0 M 0600-0905 Above class meets at Morgan Hill Community site.

10303 **ONLINE** Van Tassel D



You must have an email account to take this course. Start your course by going to 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 semester. 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.

GoPrint You can now use the GoPrint system to print documents at all of Gavilan College's computer labs. No need to fumble around with coins! With your GoPrint or ASB card, you're good to go. See ad on page 8.

**CSIS 10** 

**BASIC Programming** 

An introductory course for those students exploring a computer programming career.

Transfers to both UC and CSU.



## Brush Up your Software Skills

Most Computer Applications classes are repeatable.

Room Instructor Hrs. Units Days Begin-End CRN

#### 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

Van Tassel D 1.0



You must have an email account to take this course. Start your course by going to 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 semester. 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.

#### **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, objectoriented 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.

ONLINE Van Tassel D 10297 4.0



You must have an email account to take this course. Start your course by going to 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 semester. 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.

10298 **ONLINE** Van Tassel D 4.0 LI126 3.2

Van Tassel D MW

This Hybrid class will be delivered partially online and also meet face to face at select locations. You must have an email account to take a distance ed course. Unless you have made prior arrangements with the instructor, come to class in person on the first day of the semester or the first day of class for short-term courses. If you do not show up on the first day you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

NEW

#### CSIS 42 **Python Programming**

Transferable: CSU, UC

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. ADVISORY: CSIS 10 or programming experience.

10886

Howell P **ONLINE** 

4.0

You must have an email account to take this course. Start your course by going to 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 semester. 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.

#### 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)

Van Tassel D 4.0 ONLINE

You must have an email account to take this course. Start your course by going to 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 semester. 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.

10300

Van Tassel D

4.0 Van Tassel D 3.3 M 0600-0905

MHG8



This Hybrid class will be delivered partially online and also meet face to face at select locations. You must have an email account to take a distance ed course. Unless you have made prior arrangements with the instructor, come to class in person on the first day of the semester or the first day of class for short-term courses. If you do not show up on the first day you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

#### **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.

10766

MHG8

Van Tassel D

4.0

Van Tassel D 3.3

This Hybrid class will be delivered partially online and also meet face to face at select locations. You must have an email account to take a distance ed course. Unless you have made prior arrangements with the instructor, come to class in person on the first day of the semester or the first day of class for short-term courses. If you do

0600-0905

not show up on the first day you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

10767

**ONLINE** Van Tassel D

4.0

You must have an email account to take this course. Start your course by going to 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 semester. 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.

#### **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.

10309 Lec MHG8 Tarvin J 3.3 3.0 R 0600-0905 Above class meets at Morgan Hill Community site.

#### Type Room Instructor Hrs. Units Days Begin-End

#### CSIS 54L Perl Programming Lab

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

Tarvin J

You must have an email account to take this course. Start your course by going to 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 semester. 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.

#### **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

MHG5

3.3 3.0 R

0630-0935

0330-0635

0630-0935

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

10903 L/L LI128 Powers K 3.3 3.0 M 10327 L/L MHG5 Grzan R 3.3 3.0 T 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.

LI128 Beede R 3.2 3.0 TR 0945-1105 10889 L/L MHG5 Mullins A 3.3 3.0 W 0600-0905 Above class meets at Morgan Hill Community site.

## 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.

10927 L/L LI128 1250-0315 Edbera J 3.0 MW

## A counselor's signature is required

if you take over 17.99 units (spring/fall) or over 5.99 units (summer). You do not need a counselor's signature to register for a class with a prerequisite that was successfully completed at Gavilan.

## **Computer Science**

CRN Room Instructor Hrs. Units Days Begin-End

#### **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.

10909 Lec HOL3 2.0 0230-0535 I ee K 3.3 Above class meets at the Hollister Briggs site.

10334 ONLINE Lawrence S 2.0

10/14/09-12/18/09 You must have an email account to take this course. Start your course by going to 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 semester. 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@

#### **CSIS 107 Digital Media Design**

Transferable: CSU

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

10941 L/L LI128 Fainshtein V 3.3 2.0 R 0330-0635

#### **Digital Media Lab CSIS 108**

Transferable: CSU; GAV-GE:C1

Supervised practice and individualized computer assisted learning of software applications and techniques commonly found in the design and production of digital media (e.g., digital art and imaging, digital photography, digital print, digital audio/video, web design/authoring, DVD/CD ROMs, animation). Supplements lecture courses. Open entry/exit, so may be added at anytime during the semester. This is a pass/no pass course. May be repeated three times for credit. Also listed as ART 108 and DM 108. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience.

10727 Lab LI128 Beede R .5 10756 Lab LI128 Beede R

#### **Interactive Animation: Flash CSIS 110**

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 CSIS 2/2L, CSIS 124 or basic computer knowledge

Beede R 3.2 3.0 MW 10894 L/L LI128 1120-1240

#### **Keyboard Speed Building CSIS 112**

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.

10248 Lab Gaffney S Orientation required. Schedule available in PB 3 (Business Skills Lab) Open-Entry/Open-Exit Class

Check out the updated Catalog online - www.gavilan.edu/catalog - click on Liberal Arts.





## **CSIS 42 PYTHON Programming**



An object-oriented scripting language

## **CSIS 48**

## UNIX/I inux Operating System



4 units

Basic UNIX/Linux commands, test editing, files and directories, electronic pipes and filters.

Transferable: UC and CSU Instructor: Dennie Van Tassel

Design your own was site, **CSIS 85** 

Web Design I: Dreamweaver

Now using Dreamweaver CS3

Learn to design, develop and maintain effective Web sites.

Also listed as ART 85 & DM 85.

# **CSIS 74** Advanced

Now offered in Morgan Hill!

and DM 74.

Also listed as ART 74

Learn the advanced features of

**Photoshop CS4** and create

professional artwork.



## **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

10897 L/L LI128 Beede R 3.2 3.0 MW 0945-1105

## CSIS 114 Digital Media Production

Transferable: CSU

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

10944 Lec LI128 Beede R 3.2 2.0 TR 1120-1240

## 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.

10765 L/L	MHG5	Brown R	3.0	2.0	R	0300-0555		
Above class	meets at M	organ Hill Communi	ty site.					
					_			
10176 L/L	HOL3	College A	1.3	2.0	F	0530-0835		
Above class meets at the Hollister Briggs site.								

## CSIS 121 Spreadsheet - MS Excel

MHG8

Transferable: CSU

10880 Lec

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.

3.3 2.0 F

0900-1205

09/25/09 - 12/11/09 Above class meets at Morgan Hill Community site.

10882 Lec HOL3 Mendez F 3.3 2.0 W 0600-0905 09/30/09 - 12/09/09 Above class meets at the Hollister Briggs site. ROP course.

10930 Lec PB4 Thompson F 3.3 2.0 W 0600-0905 09/30/09 - 12/09/09

## Don't go to the wrong city

Mendez F

MHG = Morgan Hill Community Center site

HOL = Hollister Briggs Building site

CRN Type Room Instructor Hrs. Units Days Begin-End

## **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.

10734 Lab Orientation						ee instructor pen-Entry/Open-Exit Class
10731 Lab Orientation		Venable E dule available in Pl			day/time - s Skills Lab) O	ee instructor pen-Entry/Open-Exit Class
10742 Lab Above clas		Hampton D gan Hill Community		.5	S	0830-1020
10744 Lab Above clas		Hampton D gan Hill Community		1.0	S	0830-1220
10736 Lab Above clas		Bryson M Hollister Briggs site.		.5	MW	0945-1105
10737 Lab Above clas		Bryson M Hollister Briggs site.		1.0	MW	0945-1240
10739 Lab Above clas		Bryson M Hollister Briggs site.	3.2	.5	MW	1120-1240
	HOL3 ss meets at the F	Bryson M Hollister Briggs site.	4.6	1.0	MW	1120-0125
10745 Lab	PB3	Gaffney S	1.3	.5	T	0600-0735
10746 Lab	PB3	Gaffney S	3.3	1.0	Т	0600-0905
10751 Lab Above cla		Hampton D Hollister Briggs site		.5	T	0600-0720
10752 Lab Above cla		Hampton D Hollister Briggs site.	3.3	1.0	Т	0600-0905

### **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.

 10856
 Lec
 HOL3
 Bryson M
 4.6
 1.0
 MW
 0900-1105

 09/14/09 - 10/14/09 Above class meets at the Hollister Briggs site.

 10855
 Lec
 PB4
 Milar E
 1.6
 1.0
 T
 1250-0210

 09/15/09 - 11/24/09

### 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.

10885 Lec MHG8 Hampton D 2.0 S 0900-1220 10/10/09 - 12/12/09 Above class meets at Morgan Hill Community site. HOL3 10938 Lec Bryson M 4.6 2.0 MW 0900-1105 10/19/09 - 12/19/09 Above class meets at the Hollister Briggs site. 10254 Lec PB4 Milar E 1.6 2.0 1250-0210 10858 Lec 3.3 2.0 M HOL3 Mendez F 0600-0905 09/28/09 - 12/07/09 Above class meets at the Hollister Briggs site. ROP course.

10336 ONLINE Conrey J 2.0

You must have an email account to take this course. Start your course by going to 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 semester. 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.

## **Computer Science**

CRN Room Instructor Hrs. Units Days Begin-End

#### **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.

10932 Lec PB3 Venable E 1.0

Orientation required. Schedule available in PB 3 (Business Skills Lab) Open-Entry/Open-Exit Class

1120-0125

10939 Lec Bryson M 4.6 1.0 MW 11/09/09 - 12/09/09 Above class meets at the Hollister Briggs site.

#### **Intermediate Word Processing - MS Word CSIS 132**

Transferable: CSU

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

Conrey J 2.0



You must have an email account to take this course. Start your course by going to 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 semester. 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.

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

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.

**ONLINE** Beede R 1.0



You must have an email account to take this course. Start your course by going to 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 semester. 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.

#### **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

10258 L/L Robinson V 40 40 S 0900-0100

#### **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.

PB<sub>5</sub> 10271 Lab Robinson V 3.0 4.0 R 0230-0530

ARR Robinson V

Check out Classes offered at the satellite sites... Hollister classes - page 60. Morgan Hill classes - page 62.

## **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 Real Estate

Scientific Programming **UNIX Operating Systems** Web Page Production Specialist

Consult the Gavilan Catalog for complete information or visit the website at www.gavilan.edu

**CSIS 129** 

Presentation Graphites - MS Powerpoint

1 unit

Also listed as CMUN 129



**CSIS 178** APPLIED NETWORKING

**CSIS 181** PC HARDWARE

**CSIS 182** OPERATING SYSTEMS

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

Room Instructor Hrs. Units Days Begin-End CRN

#### **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

10283 L/L PB5 Robinson V 4.0 4.0 M 0600-0950

#### **Introduction to Microsoft Servers CSIS 183**

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.

10285 Lab PB5 Robinson V 4.0 4.0 T 0600-0950

## 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 classed will be conducted Tuesday October 6, 2009 from 530 pm the North/South Lounge, Wednesday, October 7, 2009 from 430 pm -530 pm in the North/South Lounge and Thursday October 8, 2009 from 8 am to 9 am in the North/South Lounge. Students need to attend one of the three meetings. Please contact Susan Sweeney, CWE Coordinator at (408) 848-4813 for more information.

1.0	Sweeney S	LI101A	Wrk Ex	10842
2.0	Sweeney S	LI101A	Wrk Ex	10843
3.0	Sweeney S	LI101A	Wrk Ex	10844
4.0	Sweeney S	LI101A	Wrk Ex	10845

## **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.

10528 Lab LI105 Maringer J .5 day/time - see instructor Make an appointment with the HTC instructor (LI105).

## **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.

10529 Lab LI105 Open Entry-Open Exit.	Maringer J	.5	day/time - see instructor
10531 Lab LI105 Open Entry-Open Exit.	Maringer J	1.0	day/time - see instructor
10535 Lab LI105 Open Entry-Open Exit.	Maringer J	2.0	day/time - see instructor

## **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.

10536 Lab LI105 Maringer J 3.2 1.0 MW 1250-0210

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

CRN Type Room Instructor Hrs. Units Days Begin-End

## 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.

10804 L/L PB9 Ramirez G 30.4 12.0 TWRF 0810-0330

## **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.

10805 L/L PB8 Hernandez R 30.4 12.0 TWRF 0810-0330

## 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.

10808	L/L	PB7	Andre M	15.2 12.0	WT C	0810-0330
	1/1	PB7	Khanna N	15.2	RF	0810-0330

### 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.

10809	L/L	PB8	Andre M	15.2	2.0	TW	0810-0330
	L/L	PB8	Khanna N	15.2		RF	0810-0330

## COS 205 State Board Review

Transferable: No

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

10870 Lab PB8 Hernandez R 5.9 2.0 M 0810-0145

## **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.

10000 1/1	DDOD	I A	00.0	0.0	MITMOR	0500-0900	
10869 L/L	PB9B	Juarez A	20.0	8.0	WIVE	0500-0900	
		Gomez D					

## 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.

Mandatory course orientation for the following classed will be conducted Tuesday October 6, 2009 from 530 pm-630 pm the North/South Lounge, Wednesday, October 7, 2009 from 430 pm -530 pm in the North/South Lounge and Thursday October 8, 2009 from 8 am to 9 am in the North/South Lounge. Students need to attend one of the three meetings. Please contact Susan Sweeney, CWE Coordinator at (408) 848-4813 for more information.

10871	Wrk Ex	LI101A	Sweeney S	1.0
10872	Wrk Ex	LI101A	Sweeney S	2.0
10873	Wrk Ex	LI101A	Sweeney S	3.0
10874	Wrk Ex	LI101A	Sweeney S	4.0

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.

10315 Online ONLINE Howell J 2.0

09/03/09 - 10/26/09 You must have an email account to take this course. Start your course by going to 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 class. 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..

10318 Online ONLINE Howell J 2.0

10/19/09 - 12/12/09 You must have an email account to take this course. Start your course by going to 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 class. 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.

### 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.

10331 L/L LI128 Brownkorbel R 3.0 3.0 F 0945-1240

## 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.

10332 L/L LI128 Brownkorbel R 3.2 3.0 TR 1250-0210

## 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

10321 Lec MHG5 Grzan R 3.3 3.0 R 0630-0935 Above class meets at Morgan Hill Community site.

## DM 75 PhotoShop I - Adobe PhotoShop

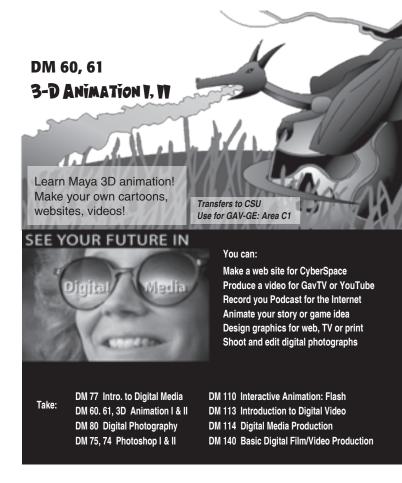
Transferable: CSU; GAV-GE:C1

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

 10905
 L/L
 LI128
 Powers K
 3.3
 3.0
 M
 0330-0635

 10906
 L/L
 MHG5
 Grzan R
 3.3
 3.0
 T
 0630-0935

 Above class meets at Morgan Hill Community site.



CRN Type Room Instructor Hrs. Units Days Begin-End

## 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.

 10913
 L/L
 LI128
 Beede R
 3.2
 3.0
 TR
 0945-1105

 10887
 L/L
 MHG5
 Mullins A
 3.3
 3.0
 W
 0600-0905

 Above class meets at Morgan Hill Community site.

## 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.

10926 L/L LI128 Edberg J 5.4 3.0 MW 1250-0315

## 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.

10335 ONLINE Lawrence S 2.0

E Contra

10/14/09-12/18/09 You must have an email account to take this course. Start your course by going to 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 semester. 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.

10910 Lec HOL3 Lee K 3.3 2.0 M 0230-0535 Above class meets at the Hollister Briggs site.

## DM 107 Digital Media Design

Transferable: CSU

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

10911 L/L LI128 Fainshtein V 3.3 2.0 R 0330-0635

## DM 108 Digital Media Lab

Transferable: CSU; GAV-GE:C1

Supervised practice and individualized computer assisted learning or software applications and techniques commonly found in the design and production of digital media (e.g., digital art and imaging, digital photography, digital print, digital audio/video, web design design/authoring, DVD/CD ROMs, animation). Supplements lecture courses. Open entry/exit, so may be added anytime during the semester. This is a pass/no pass course. Also listed as ART 108 and CSIS 108. May be repeated three times for credit. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience.

 10728 Lab
 Ll128
 Beede R
 .5

 10758 Lab
 Ll128
 Beede R
 1.0

### **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.

10895 L/L LI128 Beede R 3.2 3.0 MW 1120-1240

## 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

10898 L/L LI128 Beede R 3.2 3.0 MW 0945-1105

CRN Type Room Instructor Hrs. Units Days Begin-End

## DM 114 Digital Media Production

Transferable: CSU

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

10912 Lec LI128 Beede R 3.2 2.0 TR 1120-1240

## 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.

10901 ONLINE Beede R 1.



You must have an email account to take this course. Start your course by going to 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 semester. 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.

## **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.

10360	Lec Lab	LS101 LS101	Hubbard J Hubbard J	3.2 3.3	4.0	TR T	1250-0210 0230-0535
10361	Lec Lab	LS101	Hubbard J Hubbard J	3.2	4.0	TR R	1250-0210 0230-0535

This service learning section involves community work. See page 64 for details.

## **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.

10892 Lec HOL1 Sandoval-Herna 3.3 3.0 F 0945-1250 Above class meets at the Hollister Briggs site.

 10924
 Lec
 PB13
 Truongson B
 3.2
 3.0
 TR
 1120-1240

 10890
 Lec
 MHG5
 Shokou A
 3.3
 3.0
 M
 0600-0905

 Above class meets at Morgan Hill Community site.

10923 ONLINE Truongson B 3.0



You must have an email account to take this course. Start your course by going to 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 semester. 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.

## **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.

10946	Lec	PB5	Truongson B	3.6	3.0	TR	1250-0220
10891	Lec	HU102	Shokou A	3.3	3.0	Т	0600-0905

## **Education: see Child Development**

## **ENGLISH**

## **ENGL 1A** Composition

Transferable: CSU, UC; CSU-GE:A2, IGETC:1A; GAV-GE:A2; CAN:ENGL2, ENGL SEQ A

This is a writing course which emphasizes expository writing, argumentative writing, and critical reading of expository prose. It is meant to train students in clear thinking and reasoned support of ideas. Students will be given the opportunity to read models of good expository and argumentative prose and learn the techniques of good writing. These include choosing appropriate subjects, developing restricted, unified, and precise theses and presenting supporting evidence in a logical, lucid, and effective manner. To achieve this end, students write no fewer than six essays and read at least five works, two of which are book length. PREREQUISITE: English 250 and English 260 or English 250 and SSCI 270B with a grade of 'C' or better or satisfactory score on the English placement examination.

	10107	Lec	HU103	Pirani A	3.2	3.0	MW	0810-0930	
	10108 Lec MHG3 Bragger M 3.2 3.0 MW 0810-0930 Above class meets at Morgan Hill Community site.								
	10111	Lec	SS203	Allison M	3.3	3.0	F	0900-1205	
	10124		HOL5 ve class mee	Mora G ts at the Hollister B	3.3 Briggs s	3.0 ite.	F	0900-1205	
	10110	Lec	SS203	Condon D	3.2	3.0	TR	0945-1105	
	10109	Lec	PH102	Mora G	3.2	3.0	MW	1120-1240	
ø	10112		HOL5 ve class mee	Salvin C ts at the Hollister B	3.2 Briggs s	3.0 ite.	TR	1120-1240	
	10113	Lec	SS111	Osikomaiya J	3.2	3.0	MW	1250-0210	
₿	10114	Lec	SS111	Hirasuna S	3.2	3.0	TR	1250-0210	
	10115	Lec	HU103	Osikomaiya J	3.2	3.0	MW	0230-0350	
	10116	Lec	HU103	Allison M	3.2	3.0	TR	0400-0520	
6	10120		HOL1 /e class mee	Brett T ts at the Hollister B	3.3 Briggs s	3.0 ite.	W	0600-0905	
	10122	Lec	HU103	Pirani A	3.3	3.0	R	0600-0905	
	10119 Lec MHG11 Kovacs M 3.3 3.0 M 0630-0935 Above class meets at Morgan Hill Community site.								
	10123	Lec	HU102	Jahan H	3.3	3.0	М	0600-0905	
0	10117		ONLINE	Luoma D		3.0			

You must have an email account to take this course. Start your course by going to 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 semester. 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.

10118 ONLINE Chaffin C 3.0

You must have an email account to take this course. Start your course by going to 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 semester. 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.

10121 ONLINE Crook E 3.0

You must have an email account to take this course. Start your course by going to 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 semester. 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.

## Choose a **THEME** for your English class:

Find the number, by the course section number, that corresponds to a theme below.

- Explore American consumerism and wild alternatives.
- 2 Explore the great American classics.
- Explore diversity, equality, and tolerance in the <u>Freedom Writer's Diary</u> and American life today.
- Explore the great literature of the human condition, challenging you to respond to literary art, science fiction, music, tragedy and the joy of life and living.
- Explore the exciting realm of science and discover who we are, how we got here, and learn about the scientists and explorers who got us here while learning to write with panache, flair and accuracy.
- Learn to think, to think courageously, to think intelligently and to think for yourself through challenging the pseudoscientific, the paranormal, the make-believe world of nutty beliefs and scams.
- First Year Experience: Use what we discover through our brains, bodies and spirits to create, in a classroom where we practice thinking like scientists, literary critics and artists.
- Take a different look at the wars we all think we know, through the literature and personal accounts of writers such as John Steinbeck, Eve Ensler and Lousi DeBernais.
- Learning Community: Explore the theme of Nurturing Child-hood in a dynamic, supportive learning environment using writing, discussion, and discovery to identify nurturance as an important part of family life and community action.
- First Year Experience: Explore the issues of Peace and Conflict through reading and writing.
- Puente: Develop writing skills through an emphasis on Chicano/Latino literature.
- Investigate environmental issues, particularly those connected to what we eat and where we live.
- Develop expository writing skills in response to literary works from a rich diversity of American cultures.
- Read and write in a class of Fantasy and Folklore.



The Puente Project is a two-semester program that combines three components: writing, counseling and mentoring to support students to transfer to four-year universities and colleges. The Guidance 1 course focuses on self assessment and career development. The English 250 course focuses on Mexican American/Latino literature. The program also includes a student leadership conference, university visits and mentor/student socials. The program is open to all eligible students. For more information, call Celia Marquez, Puente Co-Coordinator at 408-848-4807.

**Required:** Complete a program application with the Puente Counselor prior to registration. Students must attend a mandatory Puente Welcome on Wednesday, August 26, from 8:30 am - 1 pm in SS206.

GUID 1		LS106	Marquez C	MW	1120A-1240P				
Students will need to complete 10 hours of mentoring.									
Choose one	of the ENGL 25	0 courses l	isted below:						
ENGL 250	CRN 10158	PH102 Ll120	Sandler S Sandler S	TuTh T	1120A -1240P 1255P - 0145P				
ENGL 250	CRN 10159	PH102 LI120	Sandler S Sandler S	TR R	1120A - 1240P 1255P - 0145P				