### CSIS 1  Computer Literacy - MS Office

**Transferable:** CSU, UC; GAV-GE:2; CAN:CSCI2  

An introduction to terminology, design, operation for the novice user. Students will gain experience using the Internet for searches and email. They will complete projects using various mathematical applications. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and 260, completion of CSIS 122.

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<th>Instructor</th>
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### CSIS 2  Computers in Business - MS Office

**Transferable:** CSU; GAV-GE:2; CAN-BUS5  

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.

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### 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.

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### CSIS 4  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.

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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 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

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</table>

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.

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.

10303  ONLINE Van Tassel D  1.0
09/03/09 - 12/10/09  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 about 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
09/09/09 - 12/10/09  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.

10297  ONLINE Van Tassel D  4.0
09/03/09 - 12/10/09  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 18  UNIX/C++ Programming Lab
Transferable: CSU, UC
An introduction to programming the C++ language and the UNIX operating system. Topics include programming on a UNIX system, including 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 18 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.

10302  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.
**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.

10866 ONLINE  
Howell P  
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 in 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)

10299 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 in 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 ONLINE  
Van Tassel D  
4.0  
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 ONLINE  
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4.0  
L/L MHG8  
Van Tassel D  
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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.

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 in 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  
Tannin J  
3.3  
R  
0600-0905  
Above class meets at Morgan Hill Community site.

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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.
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<td>85</td>
<td>Web Design I: Dreamweaver</td>
<td>CSU; GAV-GE:C1</td>
<td>4 units</td>
<td>Offered online and as a hybrid lec/online class</td>
<td>Instructor: Dennie Van Tassel</td>
<td>Transferable: UC and CSU</td>
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**CSIS 85**

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 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 Lee K 3.3 2.0 M 0230-0535 Above class meets at the Holister 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@gavilan.edu.

10727 Lab L1128 Beede R .5

10756 Lab L1128 Beede R 1.0

10727 Lab L1128 Beede R .5

10756 Lab L1128 Beede R 1.0

10248 Lab PB3 Gaffney S .5 Orientation required. Schedule available in PB 3 (Business Skills Lab) Open-Entry/Open-Exit Class

**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, scripting, 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

**CSIS 108** Digital Media Lab 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; 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.

**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.

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

**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.

10248 Lab PB3 Gaffney S .5

- New! Liberal Arts Associate’s Degree Areas of Emphasis Check out the updated Catalog online - www.gavilan.edu/catalog - click on Liberal Arts.
### 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 Movie, 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/L or equivalent computer experience.

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### CSIS 114  Digital Media Production

**Transferable:** CSU

A team oriented practicum that focuses on the application of learned skills to the production of digital media and digital print projects, such as web sites, CD ROM, and DVDs. Project development will be accomplished according to team derived master schedules. Lectures will be on project management, work coordination and production techniques, client-team interface, asset management and integration, budget estimates, testing, and copyright infringement. Please note that this is a 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, CJE 2, JOUR 18A, MUS 21, CSIS 7, CSIS 71, OR CSIS 77, or possess equivalent skills from any 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.

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### CSIS 120  Computerized Accounting - QuickBooks

**Transferable:** CSU

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

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### CSIS 121  Spreadsheet - MS Excel

**Transferable:** CSU

Introduction to the computer spreadsheet software. A hands-on approach to learning terms, commands, and applications of a spreadsheet program. This course will help prepare students for taking the Excel MOUS (Microsoft Office User Specialist) Exam. 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.

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### 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.

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<td>Orientation required. Schedule available in PB 3 (Business Skills Lab) Open-Entry/Open-Exit Class</td>
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<td>0830-1020</td>
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### CSIS 124  Windows Fundamentals

**Transferable:** CSU

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

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<td>Lec</td>
<td>HOL3 Bryson M 4.6 1.0 MW</td>
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### CSIS 126  Word Processing - MS Word

**Transferable:** CSU

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

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### CSIS 128  Computer Science

**Transferable:** CSU

Classroom Locations: Refer to “How to Use This Schedule” on page 5.

Don't go to the wrong city

MHG = Morgan Hill Community Center site
HOL = Hollister Briggs Building site

www.gavilan.edu
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 128 or equivalent computer experience. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. ADVISORY: CSIS 128 or equivalent computer experience.

CRN	 Type	 Room	 Instructor	 Hrs.	 Units	 Days	 Begin-End
10932 Lec PB3 Venable E 1.0
Orientation required. Schedule available in PB 3 (Business Skills Lab) Open-Entry/Open-Exit Class
10939 Lec HOL3 Bryson M 4.6 1.0 MW 1120-0125
1100009 - 1209009 Above class meets at the Hollister Briggs site.

CSIS 132  Intermediate Word Processing - MS Word
Transferable: CSU
This course covers formatting with macros and styles, mail merge techniques, sorting data in tables, preparing and protecting forms. These techniques will be applied to a variety of different documents: contracts, reports, surveys, manuscripts, and various types of letters. Other topics include working with shared documents in a workgroup, integrating applications and creating hyperlinks for workgroup settings using Microsoft Word. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. ADVISORY: CSIS 126 Word Processing - MS Word

CRN	 Type	 Room	 Instructor	 Hrs.	 Units	 Days	 Begin-End
10337 ONLINE Conrey J 2.0
You must have an email account to take this course. Start your course by going to www.gavilan.edu/login. 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 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.

CRN	 Type	 Room	 Instructor	 Hrs.	 Units	 Days	 Begin-End
10900 ONLINE Beede R 1.0
You must have an email account to take this course. Start your course by going to www.gavilan.edu/login. 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

CRN	 Type	 Room	 Instructor	 Hrs.	 Units	 Days	 Begin-End
10258 L/L PB5 Robinson V 4.0 4.0 S 0900-1000

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.

CRN	 Type	 Room	 Instructor	 Hrs.	 Units	 Days	 Begin-End
10271 Lab PB5 Robinson V 3.0 4.0 R 0230-0530
10285 Lab PB5 Robinson V 4.0 4.0 T 0600-0950

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 Graphics - 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)

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

CRN	 Type	 Room	 Instructor	 Hrs.	 Units	 Days	 Begin-End
10293 L/L PB5 Robinson V 4.0 4.0 M 0600-0950

CSIS 183  Introduction to Microsoft Servers
Transferable: CSU
This course introduces students to the fundamentals of Microsoft Server setup and administration. Topics include managing file systems (including Active Directories), devices, user accounts, backups, and basic security. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. ADVISORY: CSIS 182.

CRN	 Type	 Room	 Instructor	 Hrs.	 Units	 Days	 Begin-End
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 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, 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.

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 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 L105 Maringer J .5 day/time - see instructor
Make an appointment with the HTC instructor (L105).

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 assistive computer programs and/or equipment or demonstrated academic deficit.
10529 Lab L105 Maringer J .5 day/time - see instructor
Open Entry-Open Exit.
10531 Lab L105 Maringer J 1.0 day/time - see instructor
Open Entry-Open Exit.
10535 Lab L105 Maringer J 2.0 day/time - see instructor
Open Entry-Open Exit.

CSIS 572  Adaptive Computer Basics
Transferable: No
This course will include an introduction to the basic concept of how computers work, using the computer keyboard, word processing, beginning Internet and presentation graphics. This course will be self-paced and adjusted so that students with disabilities can learn a number of adaptive devices designed to make computers accessible. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Student Educational Contract. ADVISORY: This course is intended for students with a verified disability who show a need for the use of adaptive computer programs and/or equipment or demonstrated academic deficit.
10536 Lab L105 Maringer J 3.2 1.0 MW 1250-0210

Computerized Accounting: see ACCT 120
Construction: see Industrial Technology (IT)
Corrections: see Administration of Justice
**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 three times for credit.

ADVISORY: DM 60 or equivalent experience.

10331  L/L  LI128  Brownkorbol 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  Brownkorbol R  3.2  3.0  TR  1250-0210

**DM 74  Advanced Photoshop**

Transferable: CSU

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 or equivalent.

10321  L/L  MHG5  Grzan R  3.3  3.0  R  0630-0935

**DM 75  Photoshop I - Adobe Photoshop**

Transferable: CSU

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.

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

**DM 60, 61  3-D Animation I, II**

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

You can:

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

**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 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

**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 2L or ART 8A or equivalent computer experience.

10926  L/L  LI128  Edberg J  5.4  3.0  M  1250-0315
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<td>10010</td>
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<td>HOL3</td>
<td>Lee K</td>
<td>3.3</td>
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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.

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

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.

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.

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.

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 71, 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.

ECOL 1 Conservation of Natural Resources
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.

ECON 1 Principles of Microeconomics
Transferable: CSU, UC, CSU-GE:D2, IGETC:4B, GAV-GE:D2, CAN:ECON2
Introduction to the principles of microeconomics, 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.
Choose a **THEME** for your English class:

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

1. Explore American consumerism and wild alternatives.
2. Explore the great American classics.
3. Explore diversity, equality, and tolerance in the **Freedom** Writer’s Diary and American life today.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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 Louisi DeBernais.
9. Learning Community: Explore the theme of Nurturing Childhood in a dynamic, supportive learning environment using writing, discussion, and discovery to identify nurturance as an important part of family life and community action.
10. First Year Experience: Explore the issues of Peace and Conflict through reading and writing.
11. Puente: Develop writing skills through an emphasis on Chicano/Latino literature.
12. Investigate environmental issues, particularly those connected to what we eat and where we live.
13. Develop expository writing skills in response to literary works from a rich diversity of American cultures.
14. 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.

**CRN 2** **Principles of Microeconomics**

**TRANSFERABLE:** CSU, UC; CSU-GE:D2, IGETC:4B; GAV-GE:D2; CAN:ENGL2, ENGL SEQ A

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 T 0600-0905

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**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 270A 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 Lec HOL5 Mora G 3.3 3.0 F 0900-1205
Above class meets at the Hollister Briggs site.

10110 Lec SS203 Condon D 3.2 3.0 TR 0945-1105
10109 Lec PH102 Mora G 3.2 3.0 MW 1120-1240

10112 Lec HOL5 Salvin C 3.2 3.0 TR 1120-1240
Above class meets at the Hollister Briggs site.

10113 Lec SS111 Osikomaiya J 3.2 3.0 MW 1250-0210
10114 Lec SS111 Hirazuna 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

10120 Lec HOL1 Brett T 3.3 3.0 W 0600-0905
Above class meets at the Hollister Briggs site.

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 M 0600-0905

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 log on 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 log on 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 log on within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email disted@gavilan.edu.

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**GUID 1**

**CRN 10819**

**LS106**

**Marquez C**

**MW**

**1120A-1240P**

Students will need to complete 10 hours of mentoring.

Choose one of the ENGL 250 courses listed below:

**ENGL 250**

**CRN 10158**

**PH102**

**Sandler S**

**TuTh**

**1120A-1240P**

**1255P - 0145P**

**ENGL 250**

**CRN 10159**

**PH102**

**Sandler S**

**TR**

**1120A - 1240P**

**1255P - 0145P**

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**Puente**

www.gavilan.edu "Gavilan College" 91