COMPUTER GRAPHICS & DESIGN

CGD 1  Industrial Sketching and Problem Solving
Advisory: Eligible for English 250, English 260 and Mathematics 205.
Transferable: CSU
Graphical problem solving techniques used by professional designers in various fields of application using both traditional freehand and the computer. Emphasis is on developing the mental ability to visualize objects/shapes and their manipulation. This is an open entry exit supervised class. Students may concurrently enroll in CGD 110 or GCD 2L. May be repeated three times for a total of 8 units.

4171 L/L LI126 PEACOCK R 4.40 2.0 Tu&2 0915A-1040P 73 99

CGD 2  2D/3D Technical Computer Graphics I
Advisory: LIB 3 and MATH 404G.
Transferable: CSU
Introduction and foundation to 2D and 3D visualization and manipulation using modeling, rendering, and animation processes. Emphasis is on individual students developing a personal style of problem solving and designing for a variety of design fields. Students work on cooperative group projects or individual assignments. This is an open entry/exit class and may be repeated once. May be repeated once for credit. This course has the option of a letter grade or credit/no credit.

4172 L/L LI126 PEACOCK R 9.10 4.0 MW&6 0915A-1040A 73 99
4173 L/L LI126 PEACOCK R 9.10 4.0 TuTh&5 0915A-1040A 73 99

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

4174 L/L LI126 PEACOCK R 10.10 4.0 MW&6 0115P-0330P 73 99

CGD 4  2D/3D Technical Computer Graphics II
Advisory: Eligible for English 250, 260 and Mathematics 233. Familiarity with word processing, keyboarding, and DOS file management.
Transferable: CSU
Advanced Computer Graphics for Design Application I
Advisory: Eligible for English 250, 260 and Mathematics 233.
Transferable: CSU

4175 L/L LI126 PEACOCK R 9.10 4.0 MW&5 0115P-0330P 73 99

CGD 8  Advanced Computer Graphics for Design Application I
Advisory: Eligible for English 250, 260 and Mathematics 233.
Transferable: CSU
Application of computer graphics to specific technical design and graphic communication projects tailored to the student’s major study area. An open entry/exit supervised class. This allows students an individual or a cooperative learning environment on selected projects. Students may concurrently enroll in CGD 110.

4176 L/L LI126 PEACOCK R 9.10 4.0 MW&5 1045A-1220P 73 99

Less Grade Stress!!
Most CSIS and Business classes can be taken for letter grade or CR/NC. See Credit/No Credit Option Grading.
### Spring 2007 Schedule

#### Computer Science & Information Systems

<table>
<thead>
<tr>
<th>Sect.</th>
<th>Type</th>
<th>Room</th>
<th>Instructor</th>
<th>Hrs.</th>
<th>Units</th>
<th>Days</th>
<th>Begin-End</th>
<th>Footnotes</th>
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</thead>
</table>

**CSIS 2** Computers in Business - MS Office  
Advisory: Eligible for Mathematics 233, English 260 and English 250, and CSIS 122  
Transferable: CSU; GAV-GE: E2; CAN: BUS 6  
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 credit/no credit.

- **4221** L/L BU111 VENABLE E 1.00 4.0 Tu & 5.8 0945A-1110A | 13  
- **4889** L/L BU111 VENABLE E 1.00 4.0 F & 5.8 0945A-1110A | 13  

This HYBRID lecture/online class will be delivered partially over the Internet. See the online syllabus for details. http://www.gavilan.edu/disted/.

**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 credit/no credit. Since supervised repetition and practice enhance skills/proficiencies, This course may be repeated once for credit.

- **4222** LAB BU111 BRYSON M 3.40 1.0 Tu & 2 0945A-1110A | 35  
- **4223** LAB BU111 BRYSON M 3.40 1.0 F & 2 0945A-1110A | 35  

This HYBRID lecture/online class will be delivered partially over the Internet. See the online syllabus for details. http://www.gavilan.edu/disted/.

**CSIS 5** C++ Scientific Programming  
Prerequisite: Mathematics 1A  
Advisory: Completion of CSIS 10.  
Transferable: CSU; UC; CAN: CSCI 4  
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 credit/no credit.

- **4224** ONLINE VANTASSEL D 5.70 3.0 DHR 0000-0000 | 38  

This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at dvantassell@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.

- **6056** LL BU111 VANTASSEL D 5.70 3.0 | 0600P-0950P  

**CSIS 6** Web Page Authoring I  
Advisory: CSIS 1 or CSIS 2 or CSIS 3/LIB 3 advised.  
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 credit/no credit. May be repeated three times for credit. Also listed as LIB 6 and DM 6.

- **4225** ONLINE HOWELL J 4.83 2.0 DHR 0000-0000 | 11 25 38  

This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at jhowell@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.

- **4226** ONLINE VENABLE E 4.80 2.0 DHR 0000-0000 | 12 25 38  

This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at smead@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on the third day of the class, will be dropped from the class.

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**CSIS 8** Introduction to the Internet  
Advisory: CSIS 124  
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 credit/no credit course. May be repeated three times for credit.

- **4227** LEC MHG8 CONREY J 3.00 1.0 TuTh 1120A-1240P | 11  

This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at evenable@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, March 8 will be dropped from the class.

**CSIS 9** Computer Education for Teachers  
Advisory: CSIS 122 Computer Keyboarding, or equivalent; English 250 with a grade of C or better.  
Transferable: CSU  
The history, uses and development of computers in education. Basic computer skills and terminology will be taught in context of teacher education. Students who successfully complete this course will understand general and specific skills and knowledge required to meet the Technology Standard for Multiple and Single Subject Credential Candidates. This course has the option of a letter grade or credit/no credit.

- **6057** LEC LI171 CLABAUGH D 3.40 3.0 Th 0600P-0910P | 25  

**CSIS 10** BASIC Programming  
Advisory: CSIS 1 or CSIS 2 or equivalent experience.  
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 who want to take other programming classes. This course has the option of a letter grade or credit/no credit.

- **4229** BU118 ROBINSON V 4.30 2.0 F & 2 0945A-1115A | 11  

This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at dvantassell@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.

**CSIS 12** Assembly Language Programming  
Corequisite: CSIS 12L. Assembly Language Programming Lab  
Advisory: CSIS 45 (C++ Programming) or programming experience. Math 233 (Intermediate Algebra)  
Transferable: CSU; UC  
Fundamentals of assembly language programming concepts and techniques. Topics include internal representation of data, arithmetic operations, logic statements, and general assembly language commands. Introduce low level language architecture including assemblers, linkage editors, and loaders. This course has the option of a letter grade or credit/no credit.

- **6058** LEC MHG8 VANTASSEL D 3.40 3.0 S 0900A-1200P | 11  

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**Campus under construction**  
ROOM NUMBERS MAY CHANGE!  
Check room numbers online before your first class.

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**Footnotes contain valuable information pertaining to your class selection. Footnotes follow class listings.**
### CSIS 12L Assembly Language Programming Lab

**Corequisite:** CSIS 12 Assembly Language Programming  
**Transferable:** CSU; UC  
Supplemental practice in coursework associated with this course is provided. Concurrent enrollment in CSIS 12 is required. This is a credit/no credit course.

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<th>Sect.</th>
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<th>Days</th>
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<th>Footnotes</th>
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</thead>
<tbody>
<tr>
<td>4890</td>
<td>ONLINE</td>
<td>VANTASSEL D</td>
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<td>38</td>
<td>This online class will be delivered entirely over the internet. After enrolling, start the class by going to <a href="http://www.gavilan.edu/disted/">http://www.gavilan.edu/disted/</a>, click on your class link, and email the instructor at <a href="mailto:jtarvin@gavilan.edu">jtarvin@gavilan.edu</a>. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.</td>
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</table>

**6518 LAB** MHG 8  
VANTASSEL D  
1.4  
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S|M|2  
1200P-0100P  
11  
02/10/07  
05/19/07  
Above class meets at Morgan Hill Community site

### CSIS 23 Independent Study

**Required:** The study outline prepared by the student and the instructor must be filed with the department and the dean.  
**Transferable:** CSU  
Designed to afford selected students specialized opportunities for exploring areas at the independent study level. The courses may involve extensive library work, research in the community, or special projects. May be repeated until six units of credit are accrued. This course has the option of a letter grade or credit/no credit.

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<th>Begin-End</th>
<th>Footnotes</th>
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</thead>
</table>
| 6059 | IND  | MHG 8 | VANTASSEL D | 3.40 | 1.0 | SUN|3|3  
0400P-0800P  
8 |

Above class meets at Morgan Hill Community site

### CSIS 45 C++ Programming I

**Advisory:** CSIS 10 or equivalent. Math 205 (Elementary Algebra)  
**Transferable:** CSU; UC; GAV-GE: E2; CAN: CSCI 18  
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 credit/no credit.

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</table>
| 4231 | ONLINE | VANTASSEL D | 6.80  
4.0 | DHR | 0000-0000 | 38 | This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at jvantassel@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.  
6060 L/L | BU111 | VANTASSEL D | 6.80  
4.0 | Tu | 0600P-0950P |

### CSIS 48 UNIX/Linux Operating System

**Advisory:** CSIS 1 or CSIS 2 or equivalent computer experience.  
**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 credit/no credit.

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<th>Days</th>
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<th>Footnotes</th>
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</table>
| 4232 | ONLINE | VANTASSEL D | 6.80  
4.0 | DHR | 0000-0000 | 38 | This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at dvantassel@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.  
6061 L/L | MHG 8 | VANTASSEL D | 6.80  
4.0 | M|2 | 0600P-0950P |

### CSIS 51 Visual Basic .NET Programming

**Advisory:** CSIS 10 or equivalent.  
**Transferable:** CSU; UC; GAV-GE: E2  
An introduction to the GUI software applications using Microsoft Visual Basic .NET. This course will give students the opportunity to learn how to create applications using Visual Basic programming in the .NET framework. This course will show the students to use forms, boxes, buttons, labels, menus, scroll bars, and drawing objects. This course will show the students how to develop professional looking and deployable Visual Basic .NET applications. This course has the option of a letter grade or credit/no credit. This course may be repeated three times for credit.

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<th>Begin-End</th>
<th>Footnotes</th>
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</table>
| 4233 | ONLINE | TARVIN J | 6.80  
4.0 | DHR | 0000-0000 | 38 | This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at jtarvin@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class. |

### CSIS 54 Perl Programming

**Corequisite:** CSIS 54L Perl Programming Lab  
**Advisory:** CSIS 45 C++ Programming or equivalent programming experience.  
**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 credit/no credit. Concurrent enrollment in CSIS 54L is required.

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<th>Days</th>
<th>Begin-End</th>
<th>Footnotes</th>
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</table>
| 4896 | ONLINE | HOWELL P | 3.40  
3.0 | DHR | 0000-0000 | 38 | This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/ , click on your class link, and email the instructor at phowell@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.  
6513 LEC BU110 | HOWELL P | 3.40  
3.0 | S | 0800A-1200P |

### CSIS 54L Perl Programming Lab

**Advisory:** CSIS 54 Perl Programming  
**Transferable:** CSU; UC  
Supplemental practice in coursework associated with this course is provided. Concurrent enrollment in CSIS 54 is required.

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<tr>
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<th>Hrs.</th>
<th>Units</th>
<th>Days</th>
<th>Begin-End</th>
<th>Footnotes</th>
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</thead>
</table>
| 4891 | ONLINE | HOWELL P | 3.40  
1.0 | DHR | 0000-0000 | 36 | This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/ , click on your class link, and email the instructor at phowell@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.  
6064 LAB BU110 | HOWELL P | 1.40  
1.0 | S|M|2 | 1200P-0100P |

### CSIS 61 Introduction to Geographic Information Systems

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

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### CSIS 74 Advanced Photoshop

**Advisory:** CSIS 75 Photoshop I  
**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 credit/no credit. This course is also listed as ART 74 and DM 74.

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<tr>
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<td>MHG 8</td>
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<td>0800P-0940P</td>
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Above class meets at Morgan Hill Community site
## Spring 2007 Schedule

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<tr>
<th>Sect.</th>
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<th>Footnotes</th>
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<tbody>
<tr>
<td>CSIS 75</td>
<td>PhotoShop I - Adobe PhotoShop</td>
<td>L/L LI128</td>
<td>BEEDE R</td>
<td>5.70</td>
<td>3.0</td>
<td>TuTh &amp; 2</td>
<td>1120A-1240P</td>
<td>25 35</td>
</tr>
<tr>
<td>CSIS 77</td>
<td>Introduction to Digital Media and its Tools</td>
<td>L/L LI128</td>
<td>EDBERG J</td>
<td>5.70</td>
<td>3.0</td>
<td>M &amp; 2</td>
<td>1245P-0325P</td>
<td>25 95</td>
</tr>
<tr>
<td>CSIS 80</td>
<td>Digital Photography</td>
<td>L/L LI128</td>
<td>EDBERG J</td>
<td>5.70</td>
<td>3.0</td>
<td>M &amp; 2</td>
<td>1245P-0325P</td>
<td>25 95</td>
</tr>
<tr>
<td>CSIS 84</td>
<td>JavaScript Programming</td>
<td>L/L LI128</td>
<td>EDBERG J</td>
<td>5.70</td>
<td>3.0</td>
<td>M &amp; 2</td>
<td>1245P-0325P</td>
<td>25 95</td>
</tr>
<tr>
<td>CSIS 85</td>
<td>Web Design I: Dreamweaver</td>
<td>L/L LI128</td>
<td>EDBERG J</td>
<td>5.70</td>
<td>3.0</td>
<td>M &amp; 2</td>
<td>1245P-0325P</td>
<td>25 95</td>
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<tr>
<td>CSIS 74</td>
<td>Photoshop CS2</td>
<td>L/L LI128</td>
<td>EDBERG J</td>
<td>5.70</td>
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<td>M &amp; 2</td>
<td>1245P-0325P</td>
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<tr>
<td>CSIS 75</td>
<td>PhotoShop I</td>
<td>L/L LI128</td>
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<td>25 35</td>
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### Computer Science & Information Systems

**CSIS 48**  
UNIX/Linux Operating System  
Basic UNIX/Linux commands, test editing, files and directories, electronic pipes and filters.

**CSIS 85**  
Web Design I: Dreamweaver  
In this course you will learn to design, develop, and maintain effective Web sites.

**CSIS 74**  
Photoshop CS2  
Learn the advanced features of Photoshop CS2 and create professional artwork.

**CSIS 75**  
PhotoShop I  
Learn to scan, correct and manipulate photos with Adobe Photoshop CS2.

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**Gavilan College**  
www.gavilan.edu  
Gavilan College  
77
### COMPUTER SCIENCE & INFORMATION SYSTEMS

**Sect.** | **Type** | **Room** | **Instructor** | **Hrs.** | **Units** | **Days** | **Begin-End** | **Footnotes**
---|---|---|---|---|---|---|---|---
CSIS 108 | Digital Media Lab | BEEDE R | 1.70 | .5 | M | 1110A-1245P | 25 31 |  
CSIS 112 | Keyboard Speed Building | GAFFNEY S | 1.60 | .5 | M | 0000-0000 |  
CSIS 114 | Media Production | THOMPSON F | 1.70 | .5 | MW | 0900A-1100A | 25 35 |  
CSIS 120 | Computerized Accounting - QuickBooks | HAMPTON | 4.60 | .5 | S | 0830A-1220P |  
CSIS 121 | Spreadsheet - MS Excel | BEEDER | 2.30 | 2.0 | F | 1110A-0115P | 25 |  
CSIS 122 | Computer Keyboarding | GAFFNEY S | 1.60 | .5 | M | 0000-0000 |  
CSIS 124 | Windows Fundamentals | HAMPTON | 4.60 | 1.0 | S | 0830A-1220P |  

### Brush Up your Software Skills

Most Computer Applications classes are repeatable.

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**Footnotes** contain valuable information pertaining to your class selection. Footnotes follow class listings.
### Spring 2007 Schedule

#### CSIS 126  Word Processing - MS Word

**Advisory:** Eligible for English 260 and basic keyboarding skills.

**Transferable:** CSU

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

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<tbody>
<tr>
<td>4256</td>
<td>LEC</td>
<td>SV002</td>
<td>THOMPSON F</td>
<td>4.00</td>
<td>MW</td>
<td>0900A-1100A</td>
<td>11 03/12/07 - 05/16/07</td>
<td>See Footnote: Above class meets Off Campus</td>
</tr>
<tr>
<td>6078</td>
<td>LEC</td>
<td>MGH8</td>
<td>CONREY J</td>
<td>4.60</td>
<td>W</td>
<td>0600P-0950P</td>
<td>11 03/14/07 - 05/17/07</td>
<td>Above class meets at the Hollister Briggs site</td>
</tr>
</tbody>
</table>

#### CSIS 128  Database - MS Access

**Advisory:** CSIS 1 or CSIS 2 or equivalent knowledge.

**Transferable:** CSU

Introduction to Microsoft Access, a relational database management software tool. Students will learn to create and manage a database. This course will help prepare students for taking the Access MOUS (Microsoft Office User Specialist) exams. May be repeated three times for credit. This course has the option of a letter grade or credit/no credit.

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<th>Footnotes</th>
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<tbody>
<tr>
<td>6082</td>
<td>LEC</td>
<td>MGH8</td>
<td>CONREY J</td>
<td>4.60</td>
<td>W</td>
<td>0600P-0950P</td>
<td>11 03/14/07 - 05/16/07</td>
<td>Above class meets at Morgan Hill Community site</td>
</tr>
</tbody>
</table>

#### CSIS 129  Presentation Graphics - MS PowerPoint

**Advisory:** CSIS 126 or word processing skills in the Windows environment.

**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 credit/no credit. May be repeated three times for credit.

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<td>1245P-0200P</td>
<td>11 02/06/07 - 03/12/07</td>
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#### 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 credit/no credit.

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<td>25 03/14/07</td>
<td>This online class will be delivered entirely over the internet. After enrolling, start the class by going to <a href="http://www.gavilan.edu/disted/">http://www.gavilan.edu/disted/</a>, click on your class link, and email the instructor at <a href="mailto:rbeede@gavilan.edu">rbeede@gavilan.edu</a>. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.</td>
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</tbody>
</table>

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Footnotes contain valuable information pertaining to your class selection. Footnotes follow class listings.
<table>
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<tbody>
<tr>
<td>CSIS 181</td>
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<td>WEX</td>
<td>BU125</td>
<td>KERR L</td>
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<tr>
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<td>Operating Systems</td>
<td>WEX</td>
<td>BU125</td>
<td>KERR L</td>
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<tr>
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<td>WEX</td>
<td>BU125</td>
<td>KERR L</td>
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<td>WEX</td>
<td>BU125</td>
<td>KERR L</td>
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<td>12.0</td>
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Computerized Accounting: see ACCT 120

COSMETOLOGY

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. This course can be self-paced and adjusted so that students with learning, physical, or communicative disabilities can learn a number of adaptive devices designed to make computers accessible. This is a credit/no credit course. May be repeated as necessary based on measurable progress as documented in the student's Individual Education Plan or Student Educational Contract. This is an open entry, open exit course.

Advisory: CSIS 124, CSIS 1 OR CSIS 2, or equivalent computer experience.

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 credit/no credit.

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 credit/no credit.

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 credit/no credit course. May be taken for a maximum of 16 work experience units.

Transferable: CSU

This course will be self-paced and adjusted so that students with learning, physical, or communicative disabilities can learn a number of adaptive devices designed to make computers accessible. This is a credit/no credit course. May be repeated as necessary based on measurable progress as documented in the student's Individual Education Plan or Student Educational Contract. This is an open entry, open exit course.

Transferable: CSU

This course will help prepare students to pursue the A+ Hardware Certification. This course has the option of a letter grade or credit/no credit.

Transferable: CSU

This course will be self-paced and adjusted so that students with learning, physical, or communicative disabilities can learn a number of adaptive devices designed to make computers accessible. This is a credit/no credit course. May be repeated as necessary based on measurable progress as documented in the student's Individual Education Plan or Student Educational Contract. This is an open entry, open exit course.

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<td>COS 223</td>
<td>Independent Study</td>
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<td>COS 290</td>
<td>Occupational Work Experience/Cosmetology</td>
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**DM 6 Web Page Authoring I**

Advisory: CSIS 1 or CSIS 2 or CSIS 3/LIB 3 advised.
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 credit/no credit. May be repeated three times for credit. Also listed as CSIS 6 and LIB 6.

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**DIGITAL MEDIA**

**LEARN TO BUILD AND MAINTAIN COMPUTERS**

**CSIS 181, PC HARDWARE**

**CSIS 182, OPERATING SYSTEMS**

PREPARATION FOR A+ CERTIFICATION EXAMS
(Get discounts on Exams)
Don’t go to the wrong city
MHG = Morgan Hill Community Center site
HOL = Hollister Briggs Building site

82  Gavilan College  ▪  www.gavilan.edu

Classroom Locations: Refer to “How to Use This Schedule” on page 31.
Spring 2007 Schedule

**DM 114 Digital Media Production**
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.
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 credit/no credit. This course is also listed as ART 114 and CSIS 114.

4292 LEC LI128 BEDEER 2.30 2.0 F 1110A-0115P 25

**DM 117 Motion Graphics/Special Effects**
Advisory: DM/ART/CSIS 113 or DM/ART/CSIS 140 or DM/ART/CSIS 77 or THEA 17A or basic knowledge of digital video/film editing.
Transferable: CSU; UC

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

4293 L/L LI128 BEDEER 5.70 3.0 MW&2 0945A-1110A 25 31

**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 credit/no credit. This course is also listed as ART 140 and CSIS 140.

4295 ONLINE BEDEER 1.00 1.0 DHR 0000-0000 25 38

This online class will be delivered entirely over the internet. After enrolling, start the class by going to http://www.gavilan.edu/disted/, click on your class link, and email the instructor at beede@gavilan.edu. Students who have not begun the class or contacted the instructor by 5 pm on Monday, February 5 will be dropped from the class.

Drama: See Theatre Arts

Early Childhood Education: See Child Development

Earth Science: See Geology, Geography

**ECOL 1 Conservation of Natural Resources**
Advisory: Eligible for English 250 and English 260.
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.

4296 L/L LS101 HUBBARD J 6.80 4.0 TuTh 1255P-0220P 1
4297 L/L LS101 HUBBARD J 6.00 4.0 TuTh 1255P-0220P 1

**ECON 1 Principles of Macroeconomics**
Advisory: Eligible for English 1A and Mathematics 233.
Transferable: CSU; UC; CSU-GE: D2; IGETC: 4B; GAV-GE: D2; CAN: ECON 2

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 credit/no credit.

4298 LEC BU120 MILLERK 3.40 3.0 TuTh 1120A-1250P
4299 LEC BU120 MILLERK 3.40 3.0 MW 1255P-0210P
6087 LEC SS205 MILLER K 3.40 3.0 Tu 0600P-0910P

**ECON 2 Principles of Microeconomics**
Advisory: Eligible for English 260, English 250 and Mathematics 233.
Transferable: CSU; UC; CSU-GE: D2; IGETC: 4B; GAV-GE: D2; CAN: ECON 4

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 credit/no credit.

4300 LEC BU120 MILLERK 3.40 3.0 MW 1120A-1245P
6088 LEC MHG3 STAFF 3.40 3.0 S 0900A-1205P

**ECON 11 Statistics for Business and Economics**
Prerequisite: Mathematics 233.
Transferable: CSU; UC; CSU-GE: B4; IGETC: 2A; GAV-GE: B4

Statistical methods for business/economics analysis; descriptive statistics, inference, correlation and regression, probability, time series analysis. This course has the option of a letter grade or credit/no credit. This course is also listed as GBUS 11.

6089 LEC BU118 STAFF 4.50 4.0 M W 0600P-0805P 25

**ECON 14 Personal Finance**
Advisory: Math 400
Transferable: CSU

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

6090 LEC MHG 12 STAFF 3.40 3.0 S 0800A-1105P 25

Campus under construction

ROOM NUMBERS MAY CHANGE!

Check room numbers online before your first class.