

**CRN Type Room Instructor Units Days Times Dates**

**CD 36 Curriculum Strategies for Inclusive Classrooms**

**Transferable:** CSU

This course gives the early education teacher or interventionist specific curricular skills to meet the needs of all children in the classroom. Emphasis is placed on working with the child within his/her family system and culture. Students will review typical and atypical development in all domains, hone observation and documentation skills, learn how to design and implement intervention strategies and communicate effectively with parents and para-professionals. **ADVISORY:** Eligible for English 1A.

10156 Lec CDC100 S STAFF 3.0 M 0600-0905

**CD 160 Child Care First Aid and CPR**

**Transferable:** CSU

First aid training to prepare child care professionals to meet the need of emergencies when medical assistance is delayed. Includes information on the prevention of childhood injuries and the prevention of communicable diseases including HIV/AIDS and the use of Universal Precautions. (Satisfies the California Community Care Licensing requirement for 15 hours of specialized health and safety training.) This is a pass/no pass course. \$12.00 course material fee.

10157 Lec CDC100 SAlonzo 1.0 F 0600-0905  
12/06/13 - 12/06/13

10157 Lec CDC100 SAlonzo S 0900-0410  
12/07/13 - 12/14/13 \$12.00 Course Materials fee payable at registration. This class meets one Friday, December 6 from 6-9 Pm and two Saturdays Dec. 7 and 14 from 9:00 am to 4:00 pm. This is a two week course.

**CD 190A Occupational Work Experience A - Child Development**

**Transferable:** CSU

Occupational work experience is for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. CD 190A is designed specifically for students who are just entering the workforce with an emphasis on day to day skill development that assist in promoting effective production, work survival, organization, research, planning, and human relations. (Pass/no pass grading) 75 hours per semester paid work = 1 unit. 60 non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA.

10760 Wrk Ex CDC131 P Henrickson 1.0  
If you are also taking CD 30A - it requires concurrent enrollment in at least two units of CD 190A or CD190B.

10761 Wrk Ex CDC131 P Henrickson 2.0  
If you are also taking CD 30A - it requires concurrent enrollment in at least two units of CD 190A or CD 190B.

10762 Wrk Ex CDC131 P Henrickson 3.0  
If you are also taking CD 30A - it requires concurrent enrollment in at least two units of CD 190A or CD 190B.

10763 Wrk Ex CDC131 P Henrickson 4.0  
If you are also taking CD 30A - it requires concurrent enrollment in at least two units of CD 190A or CD 190B.

**CD 190B Occupational Work Experience B - Child Development**

**Transferable:** CSU

Occupational work experience is for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. CD 190B is designed for students who have been employed for more than 9 months with an emphasis on enhancing leadership, communication, advancement, research and planning skills. (Pass/no pass grading) 75 hours per semester paid work = 1 unit. 60 non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA.

10848 Wrk Ex CDC131 P Henrickson 1.0  
If you are taking CD 30A - it requires concurrent enrollment in at least two units of CD 190A or CD 190B.

10849 Wrk Ex CDC131 P Henrickson 2.0  
If you are also taking CD 30A - it requires concurrent enrollment in at least two units of CD 190A or CD 190B.

10850 Wrk Ex CDC131 P Henrickson 3.0  
If you are also taking CD 30A - it requires concurrent enrollment in at least two units of CD 190A or CD 190 B.

10851 Wrk Ex CDC131 P Henrickson 4.0  
If you are also taking CD 30A - it requires concurrent enrollment in at least two units of CD 190A or CD 190B.

**CRN Type Room Instructor Units Days Times Dates**

**CD 202 Early Child Development en Español**

**Transferable:** No

This course examines typical and atypical development within the psychosocial, cognitive, and physical domains from conception through the preschool years. Upon completion of this course, students will be able to evaluate theories and research of child development and effectively apply and communicate their understanding through observation and evaluation. **COREQUISITE:** ESL 704A or 704B, ESL in the Workplace, or ESL/English course based on assessment scores or completion of prerequisites of sequenced ESL/English courses. **NOTE:** This course will be taught in Spanish.

10915 Lec BU103 J Hori 3.0 T 0600-0905  
Se presenta la instrucción en español. A la misma vez los estudiantes tendrán que tomar VESL 704A or 704B con CD 202.

**COMMUNICATION STUDIES**

**CMUN 1A Introduction to Public Speaking**

**Transferable:** CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1; CAN:SPCH4

Basic principles of effective human communication and their function in contemporary public settings; emphasis is on the speeches to inform and persuade, with special consideration given to fundamental communication skills, including organization, reasoning, explanation, rhetoric and listening. (C-ID: COMM 110) **ADVISORY:** Eligible for English 250 and English 260.

10286 Lec PB1 D Besson-Silvia 3.0 TWR 0220-0525  
10/08/13 - 11/01/13

10287 Lec PB1 T Lim 3.0 M 0600-0905

10288 Lec PB1 M Paulson 3.0 T 0600-0905

10289 Lec PB1 M Zajac 3.0 F 1215-0320

10290 Lec MHG10 D Cowan 3.0 TR 0945-1105  
Above class meets at Morgan Hill Community site.

10291 Lec PB1 D Besson-Silvia 3.0 TWR 0220-0525  
09/03/13 - 10/03/13

10292 Lec PB1 D Besson-Silvia 3.0 TWR 0220-0535  
11/12/13 - 12/12/13

10293 Lec MHG13 C Avila 3.0 R 0600-0905  
Above class meets at Morgan Hill Community site.

10294 Lec HOL2 AAndrade 3.0 MW 0810-0930  
Above class meets at the Hollister Briggs site.

10295 Lec PB1 E Waddell 3.0 MW 0945-1105

10770 Lec PB1 M Paulson 3.0 R 0600-0905

**CMUN 2 Oral Interpretation**

**Transferable:** CSU, UC; CSU-GE:C1; GAV-GE:C1

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

10296 Lec TH125 J Lawton-Haehl 3.0 MW 0945-1105

**CMUN 4 Intercultural Communication**

**Transferable:** CSU, UC; CSU-GE:D3, D7, IGETC:4G; GAV-GE:D2, F

This course will explore the dynamics of communication as it applies to people from different cultures. Course content focuses on the application of theory and research to intercultural communication contexts. Increasing the awareness and understanding of diversity, the perception process, culture, verbal and non-verbal communication and the obstacles that prevent one from becoming a competent intercultural communicator will be examined. (C-ID: COMM 150)

10300 Lec PB1 E Waddell 3.0 MW 1120-1240

10301 Lec PB1 E Waddell 3.0 MW 1250-0210

**CRN Type Room Instructor Units Days Times Dates**

**CMUN 5 Fundamentals of Communication Studies**

**Transferable:** CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1

This course provides instruction and application of theory and practice in various communication contexts including the self concept, interpersonal, interviewing skills, small group dynamics, and public speaking. Emphasis is placed on analytical and organizational skills, listening, nonverbal and verbal communication, and public speaking communication methodology. ADVISORY: English 250 and English 260.

10282 Lec PB1 T Lim 3.0 M 0230-0535

**CMUN 6 Introduction to Conflict Resolution**

**Transferable:** CSU; CSU-GE:D7; GAV-GE:D2

Introduction to Conflict Resolution introduces students to conflict resolution and mediation. Integrating theory and practice, students will assess core concepts about the causes and resolution of conflict, and will practice communication skills for conflict resolution. Students will examine how ethnicity, gender, and class affect power in conflict situations. They will be able to formulate appropriate conflict resolution strategies, and will develop and practice various basic co-mediation skills. This course has the option of a letter grade or pass/no pass. This course is also listed as POLS 6 and PSYC 6. ADVISORY: English 250 and English 260.

10305 Lec SS205 L Halper 3.0 TR 1250-0210  
This service learning course involves community work.

**CMUN 8 Interpersonal Communication**

**Transferable:** CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1, F

This course studies the communication process in an interpersonal (dyadic) setting. This class will explore the ways in which we can improve our communication with others. Verbal and nonverbal messages, self-concept, cultural differences, gender differences, perception, listening and conflict management will be explored. (C-ID: COMM 130)

10306 Lec PB1 D Besson-Silvia 3.0 TR 0945-1105

10307 Lec PB1 D Besson-Silvia 3.0 TR 1250-0210

10308 Lec PB1 D Besson-Silvia 3.0 TR 1120-1240

**CMUN 10 Small Group Communication**

**Transferable:** CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1; CAN:SPCH10

An introductory course that develops basic individual reasoning skills, insights and experiences in information-sharing, interacting, decision-making, problem-solving, resolution of disputes and other issues central to group processes. (C-ID: COMM 140) ADVISORY: Eligible for English 250 and English 260.

10278 Lec PB1 S STAFF 3.0 MW 0810-0930

10280 Lec HOL2 A Andrade 3.0 MW 0945-1105  
Above class meets at the Hollister Briggs site.

10281 Lec MHG10 D Cowan 3.0 TR 1120-1240  
Above class meets at Morgan Hill Community site.

10283 Lec PB1 M Paulson 3.0 W 0600-0905

10284 Lec PB1 A Andrade 3.0 TR 0810-0930

10304 Lec PB1 M Zajac 3.0 F 0900-1205

**CMUN 129 Presentation Graphics - MS PowerPoint**

**Transferable:** CSU

This introductory course in presentation graphics will use Microsoft Office's "PowerPoint" software to create a computerized presentation with text and objects. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 129. ADVISORY: CSIS 126 or word processing skills in the Windows environment.

10778 Lec BU110 E Venable 1.0  
08/26/13 - 10/18/13 Please see instructor in BU 110, Business Skills Lab for detailed information.

**CRN Type Room Instructor Units Days Times Dates**

**COMPUTER GRAPHICS AND DESIGN**

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

**Transferable:** CSU

Introduction to graphic and design competencies architects, engineers, game/simulation developers, industrial designers and other careers professional designers use when producing and marketing real and/or virtual consumer products. Prepares students to create consumer products, buildings and other designed objects by developing freehand sketches, creating SolidWorks models and/or other graphics while applying theory and knowledge of elements and principles of visual design, creative problem solving, typography, professional ethics and research skills. This course has the option of a letter grade or pass/no pass. ADVISORY: LIB 3 and MATH 404G.

10244 L/L LI126 C McLaughlin 3.0 TR 1250-0210  
Will use SolidWorks software for 3D models of designed projects.

**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. ADVISORY: Eligible for English 250, 260 and Mathematics 233.

10246 L/L LI126 C McLaughlin 3.0 TR 0220-0340  
Will use SolidWorks software for 3D models of designed projects.

**NEW**

**A. A. Transfer Degree in COMMUNICATION STUDIES**

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

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

**For more information on the AA-T degree or other degrees and certificates, visit [www.gavilan.edu/comm](http://www.gavilan.edu/comm)**



Get on the **FAST TRACK!**

**5-week CMUN 1A: Public Speaking**



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

**See CMUN 1A Intro to Public Speaking class listing for details.**

**CRN Type Room Instructor Units Days Times Dates**

**CGD 9 Advanced Computer Graphics for Design Application II**

**Transferable:** CSU

Advanced computer graphics and design course that combines technical computer graphic skills with interdisciplinary design proficiencies including creating computer imagery, transformations, and rendering to create 3D model using geometric primitives, projections for computer animation and data visualization. Includes structural analysis and emphasis on developing products that include ergonomic features and sustainable materials. Work within electronic portfolio demonstrates skills and knowledge of technical graphic design to visualize, develop and present products to meet societal needs. ADVISORY: Satisfactory score on the English placement exam or a grade C or better in English 250, completion of Mathematics 233 or satisfactory Mathematics placement. Completion of CGD 2 and CGD 8 with a grade of C or better. Computer lab work can be done both in lab and off-site.

10247 L/L LI126 C McLaughlin 3.0 TR 0220-0340  
Will use SolidWorks for 3D models of designed projects.

**CGD 160 Technical Desktop Publishing / Graphics**

**Transferable:** CSU

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

10242 L/L LI126 C McLaughlin 3.0 TR 0220-0340  
Will use SolidWorks software for 3D models of designed projects.

**CGD 190A Occupational Work Experience A - Computer Graphics & Design**

**Transferable:** CSU

Occupational work experience is for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. CGD 190A is designed specifically for students who are just entering the workforce with an emphasis on day to day skill development that assist in promoting effective production, work survival, organization, research, planning, and human relations. (Pass/no pass grading) 75 hours per semester paid work = 1 unit. 60 non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **Mandatory orientation dates: 9/11 at 12:00 pm and 11/8 at 8:00 am in the North/South Lounge.**


10743 Wrk Ex LI101A S Sweeney 1.0  
10744 Wrk Ex LI101A S Sweeney 2.0  
10745 Wrk Ex LI101A S Sweeney 3.0  
10746 Wrk Ex LI101A S Sweeney 4.0

**CGD 190B Occupational Work Experience B - Computer Graphics & Design**

**Transferable:** CSU

Occupational work experience is for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. CGD 190B is designed for students who have been employed for more than 9 months with an emphasis on enhancing leadership, communication, advancement, research and planning skills. (Pass/no pass grading) 75 hours per semester paid work = 1 unit. 60 non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **Mandatory orientation dates: 9/11 at 12:00 pm and 11/8 at 8:00 am in the North/South Lounge.**

10747 Wrk Ex LI101A S Sweeney 1.0  
10748 Wrk Ex LI101A S Sweeney 2.0  
10749 Wrk Ex LI101A S Sweeney 3.0  
10750 Wrk Ex LI101A S Sweeney 4.0



THIS SYMBOL MEANS IT IS A **HYBRID** LECTURE / ONLINE CLASS, THAT WILL BE PARTIALLY OVER THE INTERNET. VISIT [WWW.GAVILAN.EDU/DISTED/](http://WWW.GAVILAN.EDU/DISTED/) FOR DETAILS.

**CRN Type Room Instructor Units Days Times Dates**

**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.

10492 Lec BU111 S Gaffney 2.0 MW 0900-1105  
**08/26/13 - 10/16/13** This is also an ROP course. Call (408) 848 - 4719 for more information.

10493 Lec BU111 S Gaffney 2.0 MW 0900-1105  
**10/21/13 - 12/11/13** This is also an ROP course. Call (408) 848 - 4719 for more information.

10494 Lec BU110 S Gaffney 2.0 T 0600-0905  
**09/24/13 - 12/10/13** This is also an ROP course. Call (408) 848 - 4719 for more information.

10912 Lec HOL3 A Stoykov 2.0 F 0500-0805  
**09/24/13 - 12/10/13** Above class meets at the Hollister Briggs site.

**CSIS 2 Computers in Business**

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

Introduction to business information management systems. Topics include database management systems, computer hardware and software, networking, ethics, data security, ecommerce; includes hands-on experience applying these concepts to solve practical business problems using word processing software, spreadsheets, database management systems, presentation graphics and Internet applications. Students cannot receive credit for both CSIS 2 and CSIS 2L. Please see a counselor about degree, certificate, and transfer requirements. This course has the option of a letter grade or pass/no pass. (C-ID: BUS 140) ADVISORY: Eligible for Mathematics 233, English 260 and English 250, and CSIS 122

10780 L/L BU111 M Bryson 4.0 F 0945-1235  
Hybrid BU111 E Venable

10784 L/L BU111 M Bryson 4.0 T 0945-1235  
Hybrid BU111 E Venable

10791 L/L MHG5 A Stoykov 4.0 Sun 0400-0700  
Hybrid MHG5 E Venable

**CSIS 2L Computers in Business Lab**

**Transferable:** CSU

Hands-on experience solving practical business problems using word processing software, spreadsheets, database management systems, presentation graphics and Internet applications. Students cannot receive credit for both CSIS 2 and CSIS 2L. Please see a counselor about degree, certificate, and transfer requirements. This course has the option of a letter grade or pass/no pass.

10517 Lab HOL3 M Bryson 1.0 MW 1120-0120  
**09/11/13 - 12/11/13** Above class meets at the Hollister Briggs site.

10797 Lab BU111 M Bryson 1.0 F 0945-1235

10799 Lab BU111 M Bryson 1.0 T 0945-1235

10800 Lab MHG5 A Stoykov 1.0 Sun 0400-0700

**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. ADVISORY: Eligible for English 250 and 260.

10002 Online A Sargent 2.0 **09/09/13 - 11/02/13**



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**CSIS 6 Web Page Authoring I**

**Transferable:** CSU; GAV-GE:E2

An introduction to using Hypertext Mark-Up Language (HTML) and Extensible HTML (XHTML) to create web pages which can be uploaded and displayed on the World Wide Web. Students will use HTML/XHTML to create web pages with text in various sizes and colors, links to other sites, background color or patterns, graphics, tables and mailto links. Principles of design and color as they apply to screen presentations will be included. This course has the option of a letter grade or pass/no pass. Also listed as LIB 6 and DM 6. ADVISORY: CSIS 1 or CSIS 2 or CSIS 3/LIB 3 advised.

10530	Online		J Howell	2.0				08/26/13 - 10/19/13
10538	Online		J Howell	2.0				10/21/13 - 12/18/13

**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. ADVISORY: CSIS 124

10521	Online		E Venable	1.0				08/26/13 - 10/19/13
10522	Online		E Venable	1.0				10/21/13 - 12/18/13

**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.

10496	Lec	MHG8F	Thompson	2.0	R		0600-0905	09/26/13 - 12/19/13 Above class meets at Morgan Hill Community site.
10617	Lec	BU111	F Thompson	2.0	R		0900-1105	

**CSIS 12 Assembly Language Programming**

**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 pass/no pass. COREQUISITE: CSIS 12L Assembly Language Programming Lab ADVISORY: CSIS 45 (C++ Programming) or programming experience. Math 233 (Intermediate Algebra)

10524	Online		D Van Tassel	3.0				
10526	Hybrid	MHG8	D Van Tassel	3.0	M		06:00-0905	Above class meets at Morgan Hill Community site.

**CSIS 12L Assembly Language Programming Lab**

**Transferable:** CSU, UC

Supplemental practice in coursework associated with this course is provided. Concurrent enrollment in CSIS 12 is required. This is a pass/no pass course. COREQUISITE: CSIS 12 Assembly Language Programming

10525	Online		D Van Tassel	1.0				
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**ONLINE CLASSES:** You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you MUST log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email [disted@gavilan.edu](mailto:disted@gavilan.edu).

**CRN Type Room Instructor Units Days Times Dates**

**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.

10772	Online		D Van Tassel	3.0				
10773	Lec	MHG8	D Van Tassel	3.0	T		0600-0905	Above class meets at Morgan Hill Community site.

**CSIS 18L UNIX / C++ Programming Lab**

**Transferable:** CSU, UC

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

10779	Online		D Van Tassel	1.0				
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**CSIS 24 Java Programming I**

**Transferable:** CSU, UC

Introduction to Java programming. Includes learning the Java environment, using and creating Java applets, and writing stand-alone applications. Covers the Java environment, object-oriented programming, language basics, classes, interfaces, packages, threads, and exceptions. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 45 C++ Programming or equivalent programming experience.

10792	Hybrid	BU118	A Stoykov	4.0	T		0200-0500	
	Hybrid		A Stoykov					
10793	Online		A Stoykov	4.0				

**CSIS 45 C++ Programming I**

**Transferable:** CSU, UC; GAV-GE:E2; CAN:CSC118

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)

10821	Lec	MHG8	D Van Tassel	4.0	T		0600-0905	
	Hybrid		D Van Tassel					Above class meets at Morgan Hill Community site.
10822	Online		D Van Tassel	4.0				

**CSIS 48 UNIX / Linux Operating System**

**Transferable:** CSU, UC

This course will provide the basics of the UNIX/Linux operating system, including the history and the use of UNIX/Linux with hands-on experience using commands and files. Topics to be covered include basic UNIX/Linux commands, text editing, files and directories, electronic mail, pipes and filters, and shell programming. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

10823	Lec	LI126	D Van Tassel	4.0	MW		0945-1105	
	Hybrid		D Van Tassel					
10824	Online		D Van Tassel	4.0				

**CSIS 49 UNIX / Linux Shell Programming**

**Transferable:** CSU, UC

A beginning course in UNIX/Linux shell programming using different commands including awk, sed, and Perl. The course will cover theory and concepts including interpretation of different quote characters, shell variables, decision-making commands, and looping mechanism. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 48

10523	Online		D Van Tassel	4.0				
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**CRN Type Room Instructor Units Days Times Dates**

**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.

10913 Online  E Venable 3.0

**CSIS 54L Perl Programming Lab**

**Transferable:** CSU, UC

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

10914 Online  E Venable 1.0

**CSIS 73 Desktop Publishing - Adobe InDesign**

**Transferable:** CSU

This course will provide students the opportunity to learn to use basic features of desktop publishing software to create all types of publications: flyers, brochures, newsletters, and advertisements. Included in the course will be basic page layout and design principles and integrating text and graphics to create attractive business publications. The course will be taught with Adobe InDesign. This course has the option of a letter grade or pass/no pass. Also listed as DM 73. **ADVISORY:** Completion of CSIS 1 or completion of CSIS 2.

10825 Lec BU111 JConrey 3.0 R 1120-0210

**CSIS 74 Advanced PhotoShop**

**Transferable:** CSU; GAV-GE:C1

This is an intermediate level course in mastering Adobe's Photoshop software. Students will learn advanced strategies in professional digital editing. Students will apply creative techniques for print, video, animation and the web. Students will develop skills in luminance, color and exposure to optimize images with adjustment layers and masks, and cutting-edge selection techniques. There will be a focus in post processing for landscape, portrait and panoramic imaging suited for the artist, photographer and design student. 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:** DM/ART/CSIS 75 PhotoShop I

10827 Lec LI128 R Beede 3.0 TR 0945-1105

10917 Lec MHG5 R Grzan 3.0 R 0600-0905  
Above class meets at Morgan Hill Community site.

**CSIS 75 Photoshop I - Adobe Photoshop**

**Transferable:** CSU; GAV-GE:C1

This is an entry level course in mastering Adobe's Photoshop software. Students will learn creative and fundamental processes in professional digital image editing. Hands on lessons provide students with skills to manage today's image libraries. Students will be introduced to Photoshop's Bridge and Camera Raw utilities while crafting state of the art compositions for print, video, animation and the web. There is a focus on basic tonal and color adaptations, digital painting, black and white conversion, special effects, and correction and restoration techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 75 and DM 75. **ADVISORY:** CSIS 124 (Windows Fundamentals), CSIS 2L

10852 Lec MHG5 R Grzan 3.0 T 0600-0905  
Above class meets at Morgan Hill Community site.

10855 Lec LI128 K Powers 3.0 M 0330-0635  
**08/26/13 - 12/09/13**



**ONLINE CLASSES:** You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you **MUST** log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email [disted@gavilan.edu](mailto:disted@gavilan.edu).

**CRN Type Room Instructor Units Days Times Dates**

**CSIS 76 Digital Illustration**

**Transferable:** CSU; GAV-GE:C1

Illustration techniques using computer Bezier curve-based illustration software tools to do diagrams and graphics for use in art, desktop publishing, web graphics, multimedia, and computer presentations. This basic Illustrator course is focused on the technical and historical aspects of digital design and illustration as well as the development of personal artistic expression and visual perception through the use of the digital illustration medium. The course will include lectures and discussions about color, composition and content, computer and illustration program use, printing and presentation techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 76 and DM 76. **ADVISORY:** CSIS 1 or CSIS 2 or equivalent computer experience.

10869 Lec LI128 V Fainshtein 3.0 F 0100-0350

**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. **ADVISORY:** CSIS 124, CSIS 1, CSIS 2/2L, CSIS 3, or familiarity using the Macintosh or Windows operating system.

10865 L/L LI128 R Beede 3.0 TR 1120-0210

**CSIS 79 Portfolio Development**

**Transferable:** CSU; GAV-GE:C1

The planning and production of personal portfolios and self-promotion materials, including online, print, slides, and e-media (CD ROM, DVD) portfolios; cover letters, and resumes. Focuses on self-promotion for jobs, self-employment, or advanced education in the fields of Art, Computer Graphic Design and Digital Media. Students will leave the class with one or more portfolios representing their work. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 79 and DM 79.

10974 Lec AR103 J Edberg 1.0 M 0230-0350  
**10/14/13 - 12/09/13**

**CSIS 85 Web Design I: Dreamweaver**

**Transferable:** CSU; GAV-GE:C1

Basic and intermediate principles of designing web pages using Dreamweaver, HTML and CSS. Emphasis will be on concept development, interface and navigation design, layout principles and the use of Dreamweaver and CSS to execute, develop, and maintain professional Web sites. Topics will include enhanced text formatting, tables, styles, forms, frames, image maps, and background colors and patterns. Course also includes the integration of multimedia components such as graphics, sound, animation, and video. This course is also listed as ART 85 and DM 85. This course has the option of a letter grade or pass/no pass. **ADVISORY:** CSIS 6 or basic knowledge of HTML.

10519 Online  S Lawrence 3.0

10870 Lec LI128 V Fainshtein 3.0 F 0900-1150

**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. **ADVISORY:** CSIS 1, CSIS 2/2L, CSIS 124 or basic computer knowledge.

10618 L/L LI128 R Beede 3.0 MW 1250-0320

**CRN Type Room Instructor Units Days Times Dates**

**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. ADVISORY: CSIS 122 or knowledge of keyboard with keyboarding speed of at least 25 wpm.

10681 Lab BU110 S Gaffney .5  
Open Entry/Open Exit, see instructor in BU110 for details.

**CSIS 113 Introduction to Digital Video**

**Transferable:** CSU; GAV-GE:C1

Introduction to the aesthetic and technical aspects of digital video recording, non-linear editing, visual effect generation, and production of video (and associated audio) using the personal computer equipped with specialized software such as Final Cut Pro, Motion, and After Effects. Also considered will be the preparation of digital video for distribution in interactive media such as CDs, DVDs, mobile devices, and the World Wide Web. Students will produce a final digital video project for distribution in various media formats. This course has the option of a letter grade or pass/no pass. Also listed as ART 113 and DM 113. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience

10972 L/L LI128 R Beede 3.0 MW 0945-1205

**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. 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.

10258 Lec MHG5 T Ratchford 3.0 W 0600-0905  
Above class meets at Morgan Hill Community site. This is also an ROP course. Call (408) 848 - 4719 for more information.

**CSIS 121 Spreadsheet - MS Excel**

**Transferable:** CSU

Introduction to the computer spreadsheet software. A hands-on approach to learning terms, commands, and applications of a spreadsheet program. This course will help prepare students for taking the Excel MOUS (Microsoft Office User Specialist) exams. This course has the option of a letter grade or pass/no pass. Also listed as ACCT 121. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

10262 Lec BU111 J Conrey 2.0 W 1120-0210  
09/11/13 - 12/04/13

10265 Lec HOL3 F Mendez 2.0 W 0400-0600  
Above class meets at the Hollister Briggs site. This is also an ROP course. Call (408) 848 - 4719 for more information.

**CRN Type Room Instructor Units Days Times Dates**

**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 2 units are accrued. **Open Entry/Open Exit, see instructor in BU110 for details.**

10690 Lab BU110 E Venable 1.0

10691 Lab BU110 E Venable .5

10692 Lab HOL3 M Bryson .5 MW 0945-1105  
Above class meets at the Hollister Briggs site.

10693 Lab HOL3 M Bryson 1.0 MW 0945-1240  
Above class meets at the Hollister Briggs site.

10694 Lab HOL3 M Bryson 0.5 MW 1120-1240  
Above class meets at the Hollister Briggs site.

10723 Lab HOL3 M Bryson 1.0 MW 1120-0125  
Above class meets at the Hollister Briggs site.

10728 Lab HOL3 D Hampton .5 R 0600-0735  
Above class meets at the Hollister Briggs site.

10730 Lab HOL3 D Hampton 1.0 R 0600-0905  
Above class meets at the Hollister Briggs site.

10732 Lab BU110 S Gaffney .5 T 0600-0735

10733 Lab BU110 S Gaffney 1.0 T 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. ADVISORY: Basic keyboarding skill.

10500 Lec BU111 E Milar 1.0 T 1250-0225  
10/08/13 - 12/03/13

10501 Lec HOL3 M Bryson 1.0 MW 0900-1105  
09/11/13 - 10/02/13 Above class meets at the Hollister Briggs site.

10511 Lec HOL3 F Mendez 1.0 W 0130-0335  
10/09/13 - 12/11/13 Above class meets at the Hollister Briggs site. This is an ROP course. Call (408) 848 - 4719 for more information.

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

10514 Lec HOL3 M Bryson 2.0 MW 0900-1105  
10/14/13 - 12/11/13 Above class meets at the Hollister Briggs site.

10752 Lec MHG8 F Mendez 2.0 F 0900-1050  
Above class meets at Morgan Hill Community site. This is also an ROP course. Call (408) 848 - 4719 for more information.

10754 Lec HOL3 F Mendez 2.0 M 0400-0600  
Above class meets at the Hollister Briggs site. This is also an ROP course. Call (408) 848 - 4719 for more information.

10756 Lec BU111 E Milar 2.0 M 1250-0210

10771 Online J Conrey 2.0

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**Fall Passes \$40 days, \$20 evenings**  
(on sale August 1 - December 2)



**CRN Type Room Instructor Units Days Times Dates**

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

10777 Lec BU110 E Venable 1.0  
**08/26/13 - 10/18/13** Please see instructor in BU 110, Business Skills Lab for detailed instruction.

**CSIS 151 Introduction to XML Authoring**

**Transferable:** CSU

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

10776 Online D Van Tassel 3.0

**CSIS 179 Introduction to Information Security**

**Transferable:** CSU

This course introduces students to network security concepts and prepares them for computer systems and network management duties. This course covers security concepts, communications and infrastructure security, basic cryptography, and operational and organizational security. This course has the option of a letter grade or pass/no pass. **ADVISORY:** CSIS 178.

10774 L/L BU118 M Ramos 4.0 M 0600-0950

**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.

10516 L/L BU118 J Foshee 4.0 R 0600-0950

**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

10775 L/L BU118 L Barreto 4.0 T 0600-0950

**CSIS 190A Occupational Work Experience A - CSIS**

**Transferable:** CSU

Occupational work experience is for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. CSIS 190A is designed specifically for students who are just entering the workforce with an emphasis on day to day skill development that assist in promoting effective production, work survival, organization, research, planning, and human relations. (Pass/no pass grading) 75 hours per semester paid work = 1 unit. 60 non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **Mandatory orientation dates: 9/11 at 12:00 pm and 11/8 at 8:00 am in the North/South Lounge.**

10751 Wrk Ex LI101A S Sweeney 1.0  
 10753 Wrk Ex LI101A S Sweeney 2.0  
 10755 Wrk Ex LI101A S Sweeney 3.0  
 10764 Wrk Ex LI101A S Sweeney 4.0

**CRN Type Room Instructor Units Days Times Dates**

**CSIS 190B Occupational Work Experience B - CSIS**

**Transferable:** CSU

Occupational work experience is for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. CSIS 190B is designed for students who have been employed for more than 9 months with an emphasis on enhancing leadership, communication, advancement, research and planning skills. (Pass/no pass grading) 75 hours per semester paid work = 1 unit. 60 non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **Mandatory orientation dates: 9/11 at 12:00 pm and 11/8 at 8:00 am in the North/South Lounge.**

10765 Wrk Ex LI101A S Sweeney 1.0  
 10766 Wrk Ex LI101A S Sweeney 2.0  
 10767 Wrk Ex LI101A S Sweeney 3.0  
 10768 Wrk Ex LI101A S Sweeney 4.0

**CSIS 570 Computer Access Evaluation**

**Transferable:** No

This course is intended to provide an in-depth computer access evaluation in order to determine an appropriate access environment for a student with a disability or multiple disabilities. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Student Educational Contract. This is an open entry, open exit course. **ADVISORY:** This course is intended for students with a verified disability who show a need for the use of assistive computer programs and/or equipment or demonstrated academic deficit.

10904 Lab LI105 J Maringer-Cantu .5  
 Make an appointment with the HTC instructor (LI105). Open Entry/Open Exit

**CSIS 571A Introduction to Assistive Computer Instruction Lab**

10981 Lab LI105 J Maringer-Cantu .5 OpenEntry/Open Exit  
 10982 Lab LI105 J Maringer-Cantu 1.0 OpenEntry/Open Exit  
 10983 Lab LI105 J Maringer-Cantu 2.0 OpenEntry/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.

10910 Lab LI105 J Maringer-Cantu 1.0 MW 1250-0210

**COSMETOLOGY**

**COS 191A Workplace Skills**

**Transferable:** No

Workplace Skills teaches skills vital to workplace success. The topic for 191A is Interpersonal Communication. Need not be taken in sequence. This is a pass/no pass course.

10491 Lec HOL3 F Mendez 1.0 M 0130-0320  
**10/07/13 - 12/19/13** Above class meets at the Hollister Briggs site. This is a ROP course. Call (408) 848 - 4719 for more information.

**COS 200 Beginning Cosmetology**

**Transferable:** No

Fundamental principles of the science/art of beauty culture including hair design, chemical services and cosmetic therapy. **ADVISORY:** Eligible for English 250, 260 and Mathematics 205.

10543 L/L BU103 A Juarez TW 0810-0930  
 G Ramirez  
 10543 L/L BU103 N Boyd 12.0 RF 0810-0930  
 A Juarez  
 10543 L/L N Boyd TWRF 0935-0330  
 A Juarez

Student kit cost \$600.00 payable at Admissions and Records by the first day of instruction. Approximate cost for additional course materials is \$200.00. Contact the Cosmetology department at (408) 848-4884 for a complete list of required materials.

**CRN Type Room Instructor Units Days Times Dates**

**COS 201 Intermediate Cosmetology**

**Transferable:** No

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

10544	L/L	COS102	N Khanna G Ramirez M Andre	12.0	TWRF	0810-0330
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Approximate cost for course materials is \$300.00. Prices are subject to change. Contact the Cosmetology department at (408) 848-4884 for a complete list of required materials.

**COS 202 Advanced Cosmetology**

**Transferable:** No

Advanced techniques in tinting, lightening, hair design and cosmetic chemistry. **PREREQUISITE:** Completion of COS 200 & 201. **ADVISORY:** Eligible for English 250, 260 and Mathematics 205.

10545	L/L	COS102	G Ramirez	12.0	TWRF	0810-0330
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Approximate cost for course materials is \$400.00. Prices are subject to change. Contact the Cosmetology department at (408) 848-4884 for a complete list of required materials.

**COS 203 Practicum**

**Transferable:** No

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

10551	Lab	COS102	G Ramirez	.5	TWRF	0810-0330
10552	Lab	COS102	G Ramirez	1.0	TWRF	0810-0330
10554	Lab	COS102	G Ramirez	2.0	TWRF	0810-0330
10555	Lab	COS102	G Ramirez	3.0	TWRF	0810-0330
10556	Lab	COS102	G Ramirez	4.0	TWRF	0830-0330
10557	Lab	COS102	G Ramirez	5.0	TWRF	0810-0330
10561	Lab	COS102	G Ramirez	6.0	TWRF	0830-0330
10572	Lab	COS102	G Ramirez	7.0	TWRF	0810-0330
10574	Lab	COS102	G Ramirez	8.0	TWRF	0810-0330
10575	Lab	COS102	G Ramirez	9.0	TWRF	0810-0330
10579	Lab	COS102	G Ramirez	10.0	TWRF	0810-0330
10581	Lab	COS102	G Ramirez	11.0	TWRF	0810-0330
10582	Lab	COS102	G Ramirez	12.0	TWRF	0810-0330

**COS 205 State Board Review**

**Transferable:** No

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

10600	Lab	COS102	G Ramirez	2.0	M	0810-0145
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Approximate cost for course materials is \$200.00. Prices are subject to change. Contact the Cosmetology department for a complete list of required materials.

**COS 220 Scientific Skin Care (Esthetics)**

**Transferable:** No

An introductory course designed to provide the skills necessary to be employed as an Esthetician (Facialist). Skills taught include skin care and treatment, cosmetics, and the use of electrical modalities. **REQUIRED:** 17 years of age, completed 10th grade or equivalent, as per State Board of Cosmetology.

10599	L/L	COS102	A Cabello S Rodriguez	4.0	MTWRF	0445-0945
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Approximate cost for course materials fee is \$800.00 Prices are subject to change. Contact the Cosmetology department at (408) 848-4884 for a complete list of required materials.

**ONLINE CLASSES:** You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you **MUST** log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email [disted@gavilan.edu](mailto:disted@gavilan.edu).

**CRN Type Room Instructor Units Days Times Dates**

**COS 223 Independent Study**

**Transferable:** No

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. This course has the option of a letter grade or pass/no pass. **REQUIRED:** The study outline prepared by the student and the instructor must be filed with the Department and the Area Dean.

10846	Ind	COS102	G Ramirez	1.0		
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10847	Ind	COS102	G Ramirez	2.0		
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**COS 290A Occupational Work Experience A - Cosmetology**

**Transferable:** No

Occupational work experience is for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. COS 290A is designed specifically for students who are just entering the workforce with an emphasis on day to day skill development that assist in promoting effective production, work survival, organization, research, planning, and human relations. (Pass/no pass grading) 75 hours per semester paid work = 1 unit. 60 non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **Mandatory orientation dates: 9/11 at 12:00 pm and 11/8 at 8:00 am in the North/South Lounge.**

10838	Wrk Ex	LI101A	S Sweeney	1.0		
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10839	Wrk Ex	LI101A	S Sweeney	2.0		
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10840	Wrk Ex	LI101A	S Sweeney	3.0		
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10841	Wrk Ex	LI101A	S Sweeney	4.0		
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**COS 290B Occupational Work Experience B - Cosmetology**

**Transferable:** No

Occupational work experience is for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. COS 290B is designed for students who have been employed for more than 9 months with an emphasis on enhancing leadership, communication, advancement, research and planning skills. (Pass/no pass grading) 75 hours per semester paid work = 1 unit. 60 non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **Mandatory orientation dates: 9/11 at 12:00 pm and 11/8 at 8:00 am in the North/South Lounge.**

10842	Wrk Ex	LI101A	S Sweeney	1.0		
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10843	Wrk Ex	LI101A	S Sweeney	2.0		
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10844	Wrk Ex	LI101A	S Sweeney	3.0		
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10845	Wrk Ex	LI101A	S Sweeney	4.0		
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**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. Also listed as CSIS 6 and LIB 6. **ADVISORY:** CSIS 1 or CSIS 2 or CSIS 3/LIB 3 advised.

10528	Online		J Howell	2.0		
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08/26/13 - 10/19/13

10531	Online		J Howell	2.0		
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10/21/13 - 12/18/13

**DM 73 Desktop Publishing - Adobe InDesign**

**Transferable:** CSU

This course will provide students the opportunity to learn to use basic features of desktop publishing software to create all types of publications: flyers, brochures, newsletters, and advertisements. Included in the course will be basic page layout and design principles and integrating text and graphics to create attractive business publications. The course will be taught with Adobe InDesign. This course has the option of a letter grade or pass/no pass. Also listed as CSIS 73. **ADVISORY:** Completion of CSIS 1 or completion of CSIS 2.

10826	Lec	BU111	J Conrey	3.0	R	1120-0210
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**CRN Type Room Instructor Units Days Times Dates**

**DM 74 Advanced PhotoShop**

**Transferable:** CSU; GAV-GE:C1

This is an intermediate level course in mastering Adobe's Photoshop software. Students will learn advanced strategies in professional digital editing. Students will apply creative techniques for print, video, animation and the web. Students will develop skills in luminance, color and exposure to optimize images with adjustment layers and masks, and cutting-edge selection techniques. There will be a focus in post processing for landscape, portrait and panoramic imaging suited for the artist, photographer and design student. 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: DM/ART/CSIS 75 PhotoShop I

10829	Lec	LI128	R Beede	3.0	TR	0945-1105
10919	Lec	MHG5	R Grzan	3.0	R	0600-0905

Above class meets at Morgan Hill Community site.

**DM 75 Photoshop I - Adobe PhotoShop**

**Transferable:** CSU; GAV-GE:C1

This is an entry level course in mastering Adobe's Photoshop software. Students will learn creative and fundamental processes in professional digital image editing. Hands on lessons provide students with skills to manage today's image libraries. Students will be introduced to Photoshop's Bridge and Camera Raw utilities while crafting state of the art compositions for print, video, animation and the web. There is a focus on basic tonal and color adaptations, digital painting, black and white conversion, special effects, and correction and restoration techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 75 and CSIS 75. ADVISORY: CSIS 124 (Windows Fundamentals), CSIS 2L

10854	Lec	MHG5	R Grzan	3.0	T	0600-0905
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Above class meets at Morgan Hill Community site.

10857	Lec	LI128	K Powers	3.0	M	0330-0635
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08/26/13 - 12/09/13

**DM 76 Digital Illustration**

**Transferable:** CSU; GAV-GE:C1

Illustration techniques using computer Bezier curve-based illustration software tools to do diagrams and graphics for use in art, desktop publishing, web graphics, multimedia, and computer presentations. This basic Illustrator course is focused on the technical and historical aspects of digital design and illustration as well as the development of personal artistic expression and visual perception through the use of the digital illustration medium. The course will include lectures and discussions about color, composition and content, computer and illustration program use, printing and presentation techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 76 and CSIS 76. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

10868	Lec	LI128	V Fainshtein	3.0	F	0100-0350
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**DM 77 Introduction to Digital Media and its Tools**

**Transferable:** CSU, UC; GAV-GE:C1

An introduction to the field of digital media, including history, social impact, concepts, career options and industry trends. Applying learned visual and aural design principles, students will explore the use of computer-based tools in the design and production of digital media by creating and editing digital images, sounds, video, animation, and text. A comprehensive term project for publication on the web or CD ROM will be required. This course is also listed as ART 77 and CSIS 77. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 124, CSIS 1, CSIS 2/2L, CSIS 3, or familiarity using the Macintosh or Windows operating system.

10864	L/L	LI128	R Beede	3.0	TR	1120-0210
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**DM 79 Portfolio Development**

**Transferable:** CSU; GAV-GE:C1

The planning and production of personal portfolios and self-promotion materials, including online, print, slides, and e-media (CD ROM, DVD) portfolios; cover letters, and resumes. Focuses on self-promotion for jobs, self-employment, or advanced education in the fields of Art, Computer Graphic Design and Digital Media. Students will leave the class with one or more portfolios representing their work. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 79 and CSIS 79.

10975	Lec	AR103	J Edberg	1.0	M	0230-0350
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10/14/13 - 12/09/13

**CRN Type Room Instructor Units Days Times Dates**

**DM 85 Web Design I: Dreamweaver**

**Transferable:** CSU; GAV-GE:C1

Basic and intermediate principles of designing web pages using Dreamweaver, HTML and CSS. Emphasis will be on concept development, interface and navigation design, layout principles and the use of Dreamweaver and CSS to execute, develop, and maintain professional Web sites. Topics will include enhanced text formatting, tables, styles, forms, frames, image maps, and background colors and patterns. Course also includes the integration of multimedia components such as graphics, sound, animation, and video. This course is also listed as ART 85 and CSIS 85. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 6 or basic knowledge of HTML.

10520	Online		S Lawrence	3.0		
10872	Lec	LI128	V Fainshtein	3.0	F	0900-1150

**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. ADVISORY: CSIS 1, CSIS 2/2L, CSIS 124 or basic computer knowledge.

10620	L/L	LI128	R Beede	3.0	MW	1250-0320
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**DM 113 Introduction to Digital Video**

**Transferable:** CSU; GAV-GE:C1

Introduction to the aesthetic and technical aspects of digital video recording, non-linear editing, visual effect generation, and production of video (and associated audio) using the personal computer equipped with specialized software such as Final Cut Pro, Motion, and After Effects. Also considered will be the preparation of digital video for distribution in interactive media such as CDs, DVDs, mobile devices, and the World Wide Web. Students will produce a final digital video project for distribution in various media formats. This course has the option of a letter grade or pass/no pass. Also listed as ART 113 and CSIS 113. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience.

10973	L/L	LI128	R Beede	3.0	MW	0945-1205
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**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.

10605	Lec	LS101	J Hubbard	4.0	TR	1250-0210
	Lab	LS102	J Hubbard		T	0230-0535
10606	Lec	LS101	J Hubbard	4.0	TR	1250-0210
	Lab	LS102	J Hubbard		R	0230-0535

 **ONLINE CLASSES:** You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you MUST log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email [disted@gavilan.edu](mailto:disted@gavilan.edu).

CRN Type Room Instructor Units Days Times Dates

ECONOMICS

**ECON 1 Principles of Macroeconomics**

**Transferable:** CSU, UC; CSU-GE:D2, IGETC:4B; GAV-GE:D2; CAN:ECON2

Introduction to the principles of macroeconomic analysis, economic institutions, and economic policy; supply and demand, determinants and distribution of output, income, and welfare through the market system; international trade and globalization. Measurement, determinants of, and policies relating to long-run economic growth, business cycle fluctuations, unemployment, and inflation. This course has the option of a letter grade or pass/no pass. **PREREQUISITE:** MATH 430 or MATH 205

10858	Lec	BU120	J Kearns	3.0	TR	1250-0210
Student will be required to purchase access to "My Econ Lab," Online portal.						
10859	Online		J Kearns	3.0		
Student will be required to purchase access to "My Econ Lab," online portal.						
10860	Lec	BU120	J Kearns	3.0	MW	0945-1105
Student will be required to purchase access to "My Econ Lab," Online portal.						
10861	Online		J Kearns	3.0		
Student is required to purchase access to "My Econ Lab," Online portal.						

**ECON 2 Principles of Microeconomics**

**Transferable:** CSU, UC; CSU-GE:D2, IGETC:4B; GAV-GE:D2; CAN:ECON4

Introduction to microeconomic principles and theory, and analysis; resource allocation, economic policy; supply and demand, determinants and distribution of output, income, and welfare through the market system; international trade and globalization. Consumer choice and utility maximization. Profit maximization in various competitive settings. This course has the option of a letter grade or pass/no pass. **PREREQUISITE:** MATH 430 or MATH 205

10862	Lec	BU118	J Kearns	3.0	MW	1250-0210
Student will be required to purchase access to "My Econ Lab," Online portal.						
10863	Lec	MHG5	J Kearns	3.0	TR	0945-1105
Above class meets at Morgan Hill Community site. Student will be required to purchase access to "My Econ Lab," Online portal.						

**ECON 14 Personal Finance**

**Transferable:** CSU

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

10615	Lec	MHG4	S Kurtz	3.0	R	0630-0930
Above class meets at Morgan Hill Community site.						

ENGINEERING

**ENGR 2 Statics**

**Transferable:** CSU, UC; CAN:ENGR8

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

10608	Lec	PS102	R Lee	3.0	MR	0230-0350
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**ENGR 4 Properties Of Materials**

**Transferable:** CSU, UC; CAN:ENGR4

Basic principles of physics and chemistry are used to determine the quantitative relationships that describe the behavior of solids. Particular emphasis is placed upon the relationship between the structure and properties of crystalline solids. Applications consider control of properties as an engineering design variable. A term paper based upon review of the periodical technical literature is required. **PREREQUISITE:** Chemistry 1A and Physics 4A.

10609	Lec	PS102	R Lee	3.0	MR	0415-0535
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CRN Type Room Instructor Units Days Times Dates

**ENGR 5 Engineering Programming and Problem Solving**

**Transferable:** CSU, UC; CAN:CSCI4

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

10610	Lec	PS102	S STAFF	3.0	T	0600-0835
	Lab	PS102	S STAFF		R	0600-0835

**ENGR 10A Introduction to Engineering I**

**Transferable:** CSU, UC

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

10607	L/L	PS102	K Luehrs	2.0	M	0600-0905
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**Gavilan College Public Safety Careers**



Gavilan College is a member of the South Bay Regional Public Safety Training consortium. This consortium is funded by all colleges regionally to provide vocational specific training which may require special facilities, special training conditions or is presented outside of schedules of regular college classes.

**CAREERS IN:**

- LAW ENFORCEMENT
- PROBATION OFFICER
- CORRECTIONS OFFICER
- FIRE TECHNOLOGY
- DISPATCHER
- JUVENILE HALL COUNSELOR



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[www.theacademy.ca.gov](http://www.theacademy.ca.gov)

**ENGINEERING IS BACK!!**

Gavilan offers the core set of freshman and sophomore Engineering courses so you can transfer as a junior to the UC or CSU of your choice! Once taking Math 1A, complete your Bachelor's degree in the same amount of time as students who start at the four-year schools!



For more information, please contact Russell Lee, Engineering Instructor at [rlee@gavilan.edu](mailto:rlee@gavilan.edu).