

Fall Classes

ACCOUNTING

CRN Type Room Instructor Units Days Times Dates

ACCT 20 Financial Accounting

Transferable: CSU, UC; CAN:BUS2, BUS SEQ A

An introduction to accounting principles and concepts. The course includes the application of accounting theory to accumulate and summarize financial data. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250, English 260 and Mathematics 233. Microsoft Excel or other computer spreadsheet knowledge.

10244	Lec	BU118	J Wolowitz	4.0	TR	0900- 1105
10245	H	BU118	J Wolowitz	4.0	W	0300- 0550
This HYBRID lecture / online class will be delivered partially over the internet.						
10246	I		J Wolowitz	4.0		

ACCT 21 Managerial Accounting

Transferable: CSU, UC; CAN:BUS4, BUS SEQ A

This course covers internal uses of accounting information for managerial decision making. Includes coverage of managerial control methods, cost accounting, cost-volume-profit relationships, variable costing, budgeting, and other related topics. This course has the option of a letter grade or pass/no pass. ADVISORY: Accounting 20. Microsoft Excel or other computer spreadsheet knowledge.

10247	Lec	BU118	J Wolowitz	4.0	TR	1120- 1240
	H		J Wolowitz			
This HYBRID lecture / online class will be delivered partially over the internet.						

ACCT 103 General Office Accounting

Transferable: CSU

This course is designed to prepare students for entry-level office accounting positions. Emphasis is on practical accounting applications. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for Mathematics 205.

10232	Lec	BU103	T Ratchford	3.0	W	0220- 0525
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ACCT 105 Payroll Accounting

Transferable: CSU

This is an introductory course in payroll accounting. Topics include: payroll laws and regulations, computation of wages and salaries, Social Security taxes, income tax withholding, employer taxes, payroll tax filing and reporting, and other related topics. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for Mathematics 205, completion of Accounting 101.

10714	Lec	MHG5	W Fachner	3.0	M	0600- 0905
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ACCT 111 Introduction to Income Tax

Transferable: CSU

A study of theory, philosophy, and principles of income tax law and procedures for computing the tax liability. It includes practice in solving typical individual tax problems. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250, English 260 and Mathematics 205.

10233	Lec	BU103	T Bay	3.0	R	0630- 0935
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CRN Type Room Instructor Units Days Times Dates

ACCT 120 Computerized Accounting - QuickBooks

Transferable: CSU

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

10771	Lec	BU111	T Ratchford	3.0	W	0600- 0905
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ACCT 121 Spreadsheet - MS Excel

Transferable: CSU

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

10234	Lec	BU111	J Conrey	2.0	W	1120- 0210
			09/12/12 - 12/05/12			
10238	Lec	HOL3	F Mendez	2.0	W	0400- 0600
Above class meets at the Hollister Briggs site.						

ACCT 190 Occupational Work Experience / Accounting

Transferable: CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. REQUIRED: Declared vocational major.

10240	Wrk Ex	LI101A	S Sweeney	1.0		
10241	Wrk Ex	LI101A	S Sweeney	2.0		
10242	Wrk Ex	LI101A	S Sweeney	3.0		
10243	Wrk Ex	LI101A	S Sweeney	4.0		

ADMINISTRATION OF JUSTICE

AJ 10 Introduction to the Administration of Justice

Transferable: CSU, UC; GAV-GE:D2; CAN:AJ2

The history and philosophy of justice as it evolved throughout the world; in-depth study of the American system and various sub-systems; roles and role expectations of criminal justice agents in their interrelationships in society; concepts of crime causations, punishments and rehabilitation; ethics, education and training for professionalism in the social system. ADVISORY: Eligible for English 250 and English 260.

10173	Lec	BU120	S Smith	3.0	MW	0800- 0920
10174	Lec	BU120	S Smith	3.0	TR	0230- 0350

AJ 12 Criminal Procedures

Transferable: CSU

Legal processes from pre-arrest, arrest through trial, sentencing and correctional procedures; a review of the history of case and common law; conceptual interpretations of law as reflected in court decisions; a study of case law methodology and case research as the decisions impact upon the procedures of the justice system. ADVISORY: AJ 10; Eligible for English 250 and English 260.

10175	Lec	BU120	S Smith	3.0	MW	0230- 0350
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CRN Type Room Instructor Units Days Times Dates

AJ 14 Criminal Law

Transferable: CSU, UC; CAN:AJ4

Historical development, philosophy of law and constitutional provisions; definitions, classifications of crime, and their applications to the system of administration of justice; legal research, review of case law, methodology, and concepts of law as a social force. Explores crimes against persons, property, and the state. ADVISORY: AJ 10; Eligible for English 250 and English 260.

10178 Lec BU120 S Smith 3.0 MW 1120- 1240

AJ 16 Introduction to Evidence

Transferable: CSU

This course covers the origin, development, philosophy and basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; types of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. In addition to the Federal Rules of Evidence, the course also includes the California law regarding the rules of evidence. ADVISORY: AJ 10 and Eligible for English 250 and English 260.

10179 Lec MHG4 E Campos 3.0 TR 0330- 0450
Above class meets at Morgan Hill Community site.

AJ 18 Community Policing

Transferable: CSU, UC

The relationship of criminal justice agents and the community; causal and symptomatic aspects of community understanding; lack of cooperation and mistrust; study of behavioral causes; ways to develop and maintain amicable relationships. ADVISORY: Eligible for English 250 and English 260; AJ 10.

10182 Lec BU103 W Jones 3.0 M 0300- 0550

AJ 19 Introduction to Investigation

Transferable: CSU

Fundamentals of investigation; techniques of crime scene search and recording; collection and preservation of physical evidence; modus operandi processes; sources of information; interview and interrogation, and follow-up investigation. ADVISORY: Eligible for English 250 and English 260.

10183 Lec BU120 L Jones 3.0 M 0600- 0905

AJ 20 Juvenile Law and Procedure

Transferable: CSU

This course covers techniques of handling juvenile offenders and victims; prevention and repression of delinquency; diagnosis and referral; and organization of community resources. The course also includes juvenile law and juvenile court procedure with a strong emphasis on California law, including the California Penal and Welfare and Institution Codes. ADVISORY: Eligible for English 250 and English 260.

10185 Lec MHG4 E Campos 3.0 TR 0200- 0320
Above class meets at Morgan Hill Community site.

AJ 21 Narcotics and Drug Abuse

Transferable: CSU

Designed to explore the Administration of Justice system and the development of drug policy and drug problems. This will include drug identification, drug user recognition, drug effects, narcotic enforcement, drug prosecution, and drug treatment, rehabilitation and education. ADVISORY: Eligible for English 250 and English 260.

10187 Lec BU120 S Smith 3.0 TR 1120- 1240

CRN Type Room Instructor Units Days Times Dates

AJ 32 Crime and Delinquency

Transferable: CSU

An introduction to major types of criminal behavior, characteristics of offenders, factors which contribute to crime and delinquency; the criminal justice process: the function of law enforcement, the courts, probation, parole and institutions; changes in crime control and treatment processes, the role of society. ADVISORY: Eligible for English 250 and English 260.

10189 Lec MHG11 D Pulido 3.0 R 0600- 0905
Above class meets at Morgan Hill Community site.

AJ 173 Fundamentals of Probation and Parole

Transferable: CSU

This course is designed to examine the various components in probation and parole; including probation supervision, presentence investigation reports, various jail alternative programs, the early development of probation, the study of the juvenile justice system, and the special needs of offenders. ADVISORY: Eligible for English 250 and English 260.

10181 Lec MHG10 D Pulido 3.0 T 0600- 0905
Above class meets at Morgan Hill Community site.

AJ 190 Occupational Work Experience / Administration of Justice

Transferable: CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. REQUIRED: Declared vocational major.

10214 Wrk Ex LI101A S Sweeney 1.0
10215 Wrk Ex LI101A S Sweeney 2.0
10216 Wrk Ex LI101A S Sweeney 3.0
10217 Wrk Ex LI101A S Sweeney 4.0

ALLIED HEALTH

AH 3 The Person in the Life Cycle

Transferable: CSU, UC; CSU-GE:E2; GAV-GE:E2, F

Interaction of social, emotional, intellectual, and physical attributes related to the development and realization of human potential across the life span. PREREQUISITE: Eligible for English 250 and English 260.

10855 Lec LS106 D Reid 3.0 R 1250- 0355
10856 Lec HOB102 A Dufresne 3.0 R 0410- 0715

AH 11 Nutrition

Transferable: CSU, UC; CSU-GE:E2; GAV-GE:E2, F; CAN:FCS2

This course is designed to meet the needs of the Allied Health student and the general education student alike. The major aim of this course is to help the student acquire relevant information about nutrition which they can use professionally and/or personally. The course will cover the practical aspects of normal nutrition, ways to promote sound eating habits throughout the life cycle, and physiological contribution nutrients make to body structure and function. This course is also listed as BIO 11. PREREQUISITE: Eligible for English 250 and English 260. ADVISORY: Chemistry 30A and Mathematics 205.

10025 Lec LS106 M Akrop 3.0 T 1250- 0355
10666 M Akrop 3.0
10669 M Akrop 3.0

CRN Type Room Instructor Units Days Times Dates

AH 16 Intravenous Therapy / Blood Withdrawal

Transferable: CSU

Theoretical application and clinical techniques required for safe administration of IV therapy and withdrawal of blood for testing. (Approved by the Board of Vocational Nursing for certification in IV Therapy and Blood Withdrawal. Approved for continuing education credit BRN #00892). May be repeated three times for credit. **COREQUISITE:** Enrollment in AH 51, 52, 53, 54 or current active LVN licensure in California. \$50.00 course materials fee payable at registration.

10712	Lec	HOB102	D Amaro	1.0	F	0900- 0430
10/26/12 - 11/09/12 \$50.00 Course Materials Fee Payable at Registration						
10858	Lec	HOB114	L Stubblefield	1.0	F	0900- 0430
10/26/12 - 11/09/12 \$50.00 course materials fee payable at registration.						

AH 23 Independent Study

Transferable: CSU

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

10857	Ind	HOB107	K Bedell	1.0		
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AH 51 Medical-Surgical Nursing

Transferable: CSU

Course is designed to provide a basic introduction to patient care within the role of the nurse. Emphasizes principles and skills necessary for safe, effective care. Content includes introduction to health care, effective communication, client rights and needs, asepsis, personal care, safety, and gerontology. Related pharmacology is included. \$100 course material fee, payable at registration. **PREREQUISITE:** Admission to the nursing program.

10866	L/L	HOB102	L Stubblefield		MT	0630- 0200
S STAFF						
10866	L/L	HOB102	K Bedell	11.0	WR	0710- 1000
L Stubblefield						
\$100.00 course materials fee payable at registration						

AH 53 Medical-Surgical - Maternal-Neonatal Nursing

Transferable: CSU

Course contains two components to provide theoretical and clinical experience in medical-surgical and maternal- neonatal nursing. Content includes care of clients with disorders of the circulatory, urinary and reproductive systems, normal pregnancy and birth, common or major complications, care of the normal newborn, and neonate with special problems. Related pharmacology is included. \$100 course material fee, payable at registration. **PREREQUISITE:** Completion of AH 51 and AH 52.

10867	L/L	HOB102	D Amaro		MT	0200- 0930
S STAFF						
10867	L/L	HOB102	K Bedell	11.0	WR	0100- 0400
HOB102 D Amaro						
\$100.00 Course Materials fee payable at registration						

AH 55 Interactive and Mental Health Nursing

Transferable: CSU

The dynamics of leadership and management in nursing, including concepts of basic mental health. Progresses from basic mental health knowledge and skills to the refinements involved in psychiatric nursing practice as it relates to all age groups. Incorporates nursing concepts and nursing experiences relative to human sexuality, child abuse and cultural and ethnic diversity. \$100 course material fee, payable at registration. **PREREQUISITE:** Admission to advanced standing / RN program and California IV Certification and successful completion of AH 51, 52, 53 and 54 or equivalent.

10868	L/L	HOB102	S Turner	10.0	WR	1010- 0100
K Bedell						
10868	L/L	HOB102	Staff		MT	0630- 0115
HOB102						
\$100 course material fee payable at registration.						

CRN Type Room Instructor Units Days Times Dates

AH 170 Basic Clinical Medical Assisting

Transferable: CSU

Course provides a basic introduction to clinical medical assisting. Emphasizes principles, understanding of skills necessary to perform basic clinical medical assisting procedures safely and effectively. **PREREQUISITE:** Eligible for English 250, English 260 and Mathematics 205.

10859	L/L	HOB114	D Comella-Hild	6.0	MTW	1250- 0420
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AH 180 Fundamentals of Nursing--Convalescent

Transferable: CSU

A course to provide a basic introduction to patient care in the convalescent setting. Emphasizes principles, understanding and skills necessary to perform basic nursing procedures safely and effectively. Includes introduction to health care, planning, safety, infection control, personal care, basic procedures, rehabilitation, nutrition and clients' rights and needs. At the completion of this course students will qualify for state certification as a nursing assistant. **PREREQUISITE:** Eligible for English 250 and English 260. Clearance from the Department of Health Services (Form HS283), fingerprint card, and health clearance required prior to clinical placement. Health and fingerprint clearance required prior to clinical placement. Uniform, shoes, watch, and stethoscope required. Clinical in Morgan Hill or Hollister, as assigned.

10860	L/L	HOB114	M Machado	8.0	MT	0900- 1200
	L/L	HOB114	M Machado		W	0630- 0100
10861	L/L	HOB114	M Machado	8.0	MT	0900- 1200
	L/L	HOB114	M Machado		R	0630- 0100
10862	L/L	HOB114	M Machado	8.0	MT	0900- 1200
	L/L	HOB114	D Reid		F	0630- 0100

AH 190 Occupational Work Experience / Allied Health

Transferable: CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

10716	Wrk Ex	HOB114	K Bedell	1.0		
10717	Wrk Ex	HOB114	K Bedell	2.0		
10718	Wrk Ex	HOB114	K Bedell	3.0		
10719	Wrk Ex	HOB114	K Bedell	4.0		


ANTHROPOLOGY

ANTH 1 Introduction to Physical Anthropology

Transferable: CSU, UC; CSU-GE:B2, IGETC:5B; GAV-GE:B2; CAN:ANTH2

Explores and analyzes human biological, social and cultural development over the last several million years. The implications of evolutionary theory for the world today are considered. Principal topics are evolutionary theory, Mendelian and molecular genetics, the fossil record, primatology, the nature of human diversity, biocultural analysis of malnutrition, and the question of continuing evolution. **ADVISORY:** English 250, English 260 and Mathematics 205.

10161	Lec	SS205	D Etlar	3.0	MW	0230- 0350
10162			D Etlar	3.0		
10163			D Etlar	3.0		
10164	Lec	MHG3	D Etlar	3.0	W	0600- 0905
Above class meets at Morgan Hill Community site.						

 **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.

CRN Type Room Instructor Units Days Times Dates

ANTH 2 Introduction to Archaeology

Transferable: CSU, UC; CSU-GE:D1, IGETC:4A; GAV-GE:D2

The study of the human past through material culture remains. Artifacts, sites, settlements and landscapes will be studied to help reveal how people lived, how they saw themselves and their world, what the environment was like and how these factors interrelated and changed through time. Explores and analyzes the development of the concepts and methods of anthropological archaeology. Surveys selected prehistoric cultures. Training in archaeological methods, site recognition, recording and preservation, and cultural resource management. ADVISORY: Recommended English 250 and English 260.

10165	Lec	SS205	G Michaels	3.0	TR	1120- 1240
This service learning course involves community work.						

ANTH 3 Introduction to Cultural Anthropology

Transferable: CSU, UC; CSU-GE:D1, IGETC:4A; GAV-GE:D2, F; CAN:ANTH4

The comparative study of human societies and cultures. Emphasis is placed on the analysis of small scale non-western societies. Specific topics include: the relationship between culture and power; ideas of progress and the nation-state; immigration, kinship, and identity; race and gender; inequality and structural violence; and cross-cultural analysis of religious, political and economic institutions. This course interrogates the relevance of anthropology for understanding the processes of development and globalization. Exploration of the above through ethno- graphic readings, class discussions, films, short papers and a final research paper based on original fieldwork in a local community. ADVISORY: Eligible for English 250 and English 260.

10166	Lec	SS205	G Michaels	3.0	TR	0945- 1105
10167	Lec	SS205	G Michaels	3.0	MW	1250- 0210

ANTH 5 Magic / Witchcraft and Religion

Transferable: CSU, UC; CSU-GE:D1, IGETC:4A; GAV-GE:D2, F

Explores and analyzes, from a cross-cultural and comparative perspective, religious traditions in diverse cultural contexts with particular focus on the effects of globalization on religious beliefs and practices. Cross- cultural analysis of the concepts of magic, witchcraft, and religion. Examination of connections among the concepts of race, nation, and religion. Exploration of the above through ethnographic readings, class discussions, films, short papers, and a final research paper based on original fieldwork in a local religious or spiritual community. ADVISORY: English 250 and English 260.

10168	Lec	SS205	G Michaels	3.0	F	0900- 1205
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ART

ART 1A Art History

Transferable: CSU, UC; CSU-GE:C1, IGETC:3A; GAV-GE:C1, F; CAN:ART2, ART SEQ A

A critical survey of the influences and development of painting, architecture, sculpture, and minor arts from pre-history to the Byzantine/Romanesque eras, including the art of primitive people. ADVISORY: Eligible for English 250 and English 260.

10328	Lec	HOL4	S STAFF	3.0	M	0600- 0905
Above class meets at the Hollister Briggs site.						
10329	Lec	MU101	P Hulin	3.0	TR	0810- 0930

ART 1B Art History

Transferable: CSU, UC; CSU-GE:C1, IGETC:3A; GAV-GE:C1; CAN:ART4, ART SEQ A

The history of western painting, sculpture, architecture and minor arts from the Romanesque, the Gothic and Renaissance eras to the present. ADVISORY: Eligible for English 250 and English 260.

10330	Lec	MHG4	E Harris-Sinta	3.0	W	0600- 0905
Above class meets at Morgan Hill Community site.						

CRN Type Room Instructor Units Days Times Dates

ART 2A Two-Dimensional Design

Transferable: CSU, UC; CSU-GE:C1; GAV-GE:C1; CAN:ART14

An introduction to the basic elements and principles of two-dimensional design. Lettering and graphics applications of design are included. Traditional and experimental materials and techniques are applied to a variety of individual projects and exercises.

10355	L/L	AR103	J Edberg	3.0	TR	0810- 1115
10876	L/L	AR103	J Edberg	3.0	TR	1250- 0355

ART 3A Drawing and Composition

Transferable: CSU, UC; CSU-GE:C1; GAV-GE:C1; CAN:ART8

A course that can teach you how to draw. Students learn basic drawing skills through the exploration of a variety of drawing materials such as pencil, inks, charcoal and pastels; processes include doodling, gesture and schematic drawing.

10358	L/L	AR102	A Rosette	3.0	MW	0810- 1115
10360	L/L	AR102	A Rosette	3.0	MW	1120- 0225

ART 3B Drawing and Composition

Transferable: CSU, UC; GAV-GE:C1

Drawing in pencil, ink, pastels and variety of experimental materials and processes. Cultural awareness and historical foundations are integrated with classroom explorations of expressive drawing. Students develop a variety of drawing approaches and a greater understanding of personal expression. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: Art 2A or 3A.

10359	L/L	AR102	J Adkins	3.0	TR	0230- 0535
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ART 6 Art Appreciation

Transferable: CSU, UC; CSU-GE:C1, IGETC:3A; GAV-GE:C1, F

An illustrated lecture course that surveys and introduces the visual arts from historical to contemporary times, and teaches students the basic concepts of seeing and appreciating art. ADVISORY: English 250 and English 260.

10362	Lec	MU101	E Martinez	3.0	R	0600- 0905
10363	Lec	MU101	E Harris-Sinta	3.0	MW	1120- 1240

ART 10A Cultural History of Ceramics

Transferable: CSU, UC; CSU-GE:C1; GAV-GE:C1, F; CAN:ART6

An introduction to the historical developments and cultural influences of ceramic art. Development of a personal expression is realized through the combination of historical elements, observation and actual creations in clay.

10317	L/L	AR101	J Rekedal	3.0	MW	0810- 1115
10318	L/L	AR101	J Rekedal	3.0	MW	1120- 0225
10319	L/L	AR101	K Gonzales	3.0	TR	0600- 0905

ART 10B Ceramics

Transferable: CSU, UC; GAV-GE:C1

Emphasis on development of wheel throwing and advanced ceramic techniques. Glaze testing, clay body development, kiln stacking and firing are introduced. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: Art 10A

10320	L/L	AR101	K Gonzales	3.0	TR	0600- 0905
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CRN Type Room Instructor Units Days Times Dates

ART 11 Creativity / Imagination and Innovation

Transferable: CSU; CSU-GE:C2; GAV-GE:C2, F

This course is designed to explore the variety of ways in which humans demonstrate their creative, imaginative and innovative abilities. This course will examine the creative process, visual literacy, the development of creative and imaginative performance and theories pertaining to insight, inspiration, intuition, originality and genius. This class draws on materials from a variety of sources including, biographies, intellectual histories, psychological studies, and educational research. Studies will include ideas and beliefs about creativity from a diverse range of disciplines and cultures. Students will be encouraged to explore and express their own creativity. ADVISORY: English 250 and English 260.

10321 Lec AR103 E Martinez 3.0 TR 0400- 0520

ART 12A Sculpture

Transferable: CSU, UC; GAV-GE:C1; CAN:ART12

An introduction to expressive and technical sculptural processes of selected media such as clay, plaster and wood. May be repeated twice for credit. This course has the option of a letter grade or pass/no pass.

10322 L/L AR101 P Hulin 3.0 TR 0940- 1245
Material fee of \$45.00 payable at registration.

ART 13 Three-Dimensional Design

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

A fundamental course focused on the conceptual, technical and historical aspects of three dimensional design and related fields such as: sculpture, architecture and industrial design. Development of personal artistic expression and visual perception through the use of various media such as plaster, paper, wood, clay, metal, etc. Introduction to the design elements and principles as they relate to space and form in visual art and design will be studied. ADVISORY: English 250 and English 260.

10323 L/L AR101 P Hulin 3.0 TR 0940- 1245
Material fee of \$15.00 payable at registration.

ART 14 Beginning Mural Painting

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

Studio practice in the design, methods and materials of mural painting through the production of individual and collaborative murals. The course will also provide a historical survey of mural painting, from pre-historic cave painting to contemporary urban murals, with particular focus on the muralists of Mexico. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10324 Lec G Aranda 3.0
Lab AR102 G Aranda F 0900- 0105
This HYBRID lecture /online class will be delivered partially over the internet.

ART 15A Beginning Painting: Form and Composition

Transferable: CSU, UC; GAV-GE:C1

This is an introductory painting course. Students will study traditional, contemporary and experimental painting techniques using acrylics and/or oils as the primary media. Emphasis will be placed on foundational concepts and approaches including color, form and composition. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: Art 2A or 3A, or portfolio review of student's work.

10326 L/L AR102 C Canepa 3.0 MW 0230- 0535

CRN Type Room Instructor Units Days Times Dates

ART 15B Beginning Painting: Imagination and Expression

Transferable: CSU, UC; GAV-GE:C1

This is an introductory painting course. Students will study traditional, contemporary and experimental painting techniques and media. Social, cultural and historical awareness are integrated with classroom explorations of expressive painting. Students develop a variety of painting approaches and a greater understanding of personal expression. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: Art 2A or Art 3A or Portfolio Review

10327 L/L AR102 C Canepa 3.0 MW 0230- 0535

ART 22 Field Work and Service

Transferable: CSU

Supervised field work within the college and with local agencies. Students serve in useful group activities in leadership roles prescribed for them by faculty or community agencies. A maximum of six units may be completed. This is a pass/no pass course. REQUIRED: Learning contracts must be filled out and signed by the student and the supervising instructor.

10331 Fld Ex AR104 J Edberg 1.0
10332 Fld Ex AR101 K Gonzales 1.0
10333 Fld Ex AR102 A Rosette 1.0
10334 Fld Ex AR101 J Rekedal 1.0

ART 23 Independent Study

Transferable: CSU

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

10335 Ind AR104 C Canepa 1.0
10336 Ind AR104 J Edberg 1.0
10337 Ind AR110 J Rekedal 1.0
10338 Ind AR109 A Rosette 1.0
10339 Ind AR101 K Gonzales 1.0
10340 Ind AR110 P Hulin 1.0
10341 Ind AR104 C Canepa 2.0
10342 Ind AR104 J Edberg 2.0
10343 Ind AR110 J Rekedal 2.0
10344 Ind AR109 A Rosette 2.0
10345 Ind AR110 K Gonzales 2.0
10346 Ind AR110 P Hulin 2.0

ART 25A Art Methods

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

Art methods and learning theory for those planning to work with preschool, elementary and secondary school students. Includes art therapy as well as gifted and special learner projects. Two dimensional work in printing, drawing, collage. Also listed as CD 25A.

10350 Lec A Rosette 3.0
Lab AR102 A Rosette TR 0810- 1015
This HYBRID lecture/online class will be delivered partially over the internet.
10351 Lec R McGinnis 3.0
Lab HOL1 R McGinnis F 0400- 0805
Above class meets at the Hollister Briggs site. This HYBRID lecture/online class will be delivered partially over the internet.

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.

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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ART 25B Art Methods							
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Transferable: CSU; GAV-GE:C1

Art methods, creativity and learning theory for those planning to work with preschool, elementary, and secondary school students. Includes art therapy as well as gifted and special learner projects. Three dimensional work in sculpture, bas relief, mobiles, paper mache', plaster, and various 3-D materials. Also listed as CD 25B.

10352	Lec		R McGinnis	3.0			
	Lab	HOL1	R McGinnis		F	0400-0805	
Above class meets at the Hollister Briggs site. This HYBRID lecture/online class will be delivered partially over the internet.							

ART 34A Life Drawing							
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Transferable: CSU, UC; GAV-GE:C1; CAN:ART24

Fundamentals of anatomy and representation of the human figure. Drawing from life. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: Art 3A or review of student's portfolio.

10356	L/L	AR102	J Adkins	3.0	TR	1120-0225	
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ART 34B Life Drawing							
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Transferable: CSU, UC; GAV-GE:C1

Further studies of the fundamentals of anatomy and representation of the human figure. Emphasis is placed on personal expression; abstract and experimental processes. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: Art 34A or review of student's portfolio.

10357	L/L	AR102	J Adkins	3.0	TR	1120-0225	
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ART 40 Art Gallery Assistance							
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Transferable: CSU; GAV-GE:C1

Individualized course in art gallery exhibition techniques and procedures. Students assist in design, installation, publicity, cataloguing and removal of exhibitions in the college gallery. May be taken until 4 units are accrued.

10361	Fld Ex	AR102	C Canepa	1.0			
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ART 74 Advanced PhotoShop							
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Transferable: CSU; GAV-GE:C1

This course is for the PhotoShop-experienced student and explores PhotoShop's advanced features in depth. Students work on projects, which challenge their creativity and technical ability, and will be encouraged to develop complex projects for the web and for the printed page. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 74 and DM 74. ADVISORY: CSIS 75 PhotoShop I

10793	Lec	LI128	R Beede	3.0	TR	0945-1105	
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ART 75 Photoshop I							
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Transferable: CSU; GAV-GE:C1

This course is based on the software Adobe Photoshop. Students learn to scan photographs and manipulate them using Photoshop tool box and special effects filters. They will learn to color correct photos; mask image using channels; create duotone, tritone, and quadtone images; prepare photos for use in printing and on the web. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. ADVISORY: CSIS 124 (Windows Fundamentals), CSIS 2L

10927	L/L	MHG5	R Grzan	3.0	T	0600-0905	
Above class meets at Morgan Hill Community site.							
10929	L/L	LI128	K Powers	3.0	M	0400-0650	

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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ART 76 Digital Illustration							
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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 CSIS 76 and DM 76. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

10795	Lec	LI128	V Fainshtein	3.0	F	0100-0350	
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ART 77 Introduction to Digital Media							
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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 CSIS 77 and DM 77. This course has the option of a letter grade or pass/no pass. May be repeated twice for credit. ADVISORY: CSIS 124, CSIS 1, CSIS 2.2L, CSIS 3, or familiarity using the Macintosh or Windows operating systems.

10798	L/L	AR103	R Beede	3.0	M	1250-0355	
	L/L	LI128	R Beede		W	1250-0355	

ART 80 Digital Photography							
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Transferable: CSU, UC; GAV-GE:C1

The study of digital photography from digital camera to the computer-based printer or digital media. Artistic, theoretical, and technical aspects will be considered. Topics include information about types and purchasing of digital cameras; theory, mechanics, and art of digital imagery; digital darkroom; eccentricities of digital photo taking; stitching photos for virtual reality; and preparing digital images for print, World Wide Web and other digital media. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 80 and CSIS 80. ADVISORY: CSIS 1 or CSIS 2/2L or ART 8A or equivalent computer experience.

10365	L/L	LI128	J Edberg	3.0	M	1250-0355	
	L/L	AR103	J Edberg		W	1250-0355	

ART 85 Web Design I: Dreamweaver							
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Transferable: CSU; GAV-GE:C1

Basic and intermediate principles of designing Web pages/sites using the Dreamweaver web design software and HTML. Emphasis will be on good design and the use of tables, frames, forms, rollovers, DHTML, XHTML, behaviors, and CSS. Also includes site maintenance and the integration of multimedia components such as graphics, sound, animation, and video. This course is for the content person to design, develop, and maintain effective Web sites. This course is also listed as CSIS 85 and DM 85. This course has the option of a letter grade or pass/no pass. May be repeated twice for credit. ADVISORY: CSIS 6 or basic knowledge of HTML.

10802	Lec	LI128	V Fainshtein	2.0	F	1000-1150	
10828			S Lawrence	2.0		10/22/12 - 12/14/12	



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.


CRN Type Room Instructor Units Days Times Dates

ART 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 CSIS 110 and DM 110. May be repeated three times for credit. ADVISORY: CSIS 1, CSIS 2/2L, CSIS 124 or basic computer knowledge.

10730	Lec	LI128	K Powers	3.0	W	0400- 0650
			K Powers			

 This HYBRID lecture / online class will be delivered partially over the internet.

ART 113 Introduction to Digital Video

Transferable: CSU; GAV-GE:C1

Introduction to the aesthetic and technical aspects of digital video recording, non-linear editing, video 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. May be repeated two times for credit. Also listed as CSIS 113 and DM 113. ADVISORY: CSIS 1 or CSIS 2/2L or equivalent computer experience.

10741	L/L	LI128	R Beede	3.0	TR	1120- 0140
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ART 117 Visual Effects-Motion Graphics

Transferable: CSU, UC; GAV-GE:C1

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

10756	L/L	LI128	R Beede	3.0	MW	0945- 1205
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ART 190 Occupational Work Experience / Commercial Art

Transferable: CSU; GAV-GE:C1

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. REQUIRED: Declared vocational major.

10721	Wrk Ex	LI101A	S Sweeney	1.0		
10722	Wrk Ex	LI101A	S Sweeney	2.0		
10723	Wrk Ex	LI101A	S Sweeney	3.0		
10724	Wrk Ex	LI101A	S Sweeney	4.0		

ASTRONOMY

ASTR 1 Introduction to General Astronomy

Transferable: CSU, UC; CSU-GE:B1, IGETC:5A; GAV-GE:B1

An introduction to the realm of astronomy and space science. Topics to be covered include the historical development of astronomy, the physics of gravitation and radiation, the solar system, stellar astronomy, galactic and extragalactic astronomy, and cosmology. ADVISORY: Mathematics 205 and eligible for English 250 and English 260.

10577	Lec	MA103	J Snyder	3.0	T	0230- 0535
10578	Lec	MHG3	J Snyder	3.0	T	0630- 0935

Above class meets at Morgan Hill Community site.

CRN Type Room Instructor Units Days Times Dates

AVIATION MAINTENANCE TECHNOLOGY

AMT 100 General Aircraft Technology

Transferable: CSU

This course will provide the student with a thorough understanding of the use of basic hand tools and measuring devices, aircraft hardware, materials, and processes, mathematics and physical science for aircraft, aircraft weight and balance, aircraft drawing and blueprint reading. Both theory and practical application to aircraft systems is taught. ADVISORY: Mathematics 205

10021	L/L	MP129	H Spenner	7.5	MTWRF	0800- 1025 08/08/12 - 12/14/12
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AMT 110 Airframe Maintenance Technology

Transferable: CSU

Study of aircraft aerodynamics, rigging and assembly, aircraft sheet metal structures and welding technology. Also the study of cabin atmosphere systems, fuel systems, and line maintenance, level information on aircraft instruments. Each of these areas will be accompanied with appropriate laboratory time. Basic hand tools required. Details at the first class meeting.

10218	L/L	MP129	H Spenner	13.5	MTWRF	1030- 0330 08/08/12 - 12/14/12
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AMT 120 Aviation Powerplant Technology

Transferable: CSU

This course is part of the curriculum required by the Federal Aviation Administration to obtain certification as an aircraft powerplant maintenance technician. This certificate allows the rated technician to perform maintenance, preventive maintenance repairs and alterations to USA FAA certificated aircraft powerplants. This Section covers the theory and practical application of operation, overhaul practices, inspection, installation, testing and troubleshooting techniques covering the subject areas of reciprocating and turbine engines, ignition, induction, supercharging, cooling and exhaust systems. ADVISORY: Successful completion of AMT 101 and AMT 111. Basic hand tools required. Details at the first class meeting.

10219	L/L	PB15	T Flippen	14.0	TWRF	0830- 0300 08/08/12 - 12/14/12
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AMT 123 Independent Study

Transferable: CSU

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

10626	Ind	PB15	T Flippen	1.0		08/08/12 - 12/14/12
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AMT 190 Occupational Work Experience / Aviation

Transferable: CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. REQUIRED: Declared vocational major.

10228	Wrk Ex	LI101A	S Sweeney	1.0		
10229	Wrk Ex	LI101A	S Sweeney	2.0		
10231	Wrk Ex	LI101A	S Sweeney	4.0		
10731	Wrk Ex	LI101A	S Sweeney	3.0		



THIS SYMBOL MEANS IT IS A **HYBRID** LECTURE / ONLINE CLASS, THAT WILL BE PARTIALLY OVER THE INTERNET.

VISIT WWW.GAVILAN.EDU/DISTED/ FOR DETAILS.

CRN Type Room Instructor Units Days Times Dates

BIOLOGICAL SCIENCE

BIO 1 General Biology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B; GAV-GE:B2, B3; CAN:BIOL2, BIOL SEQ A

A general biology course with an emphasis on the structure and function of cells, cell respiration, photosynthesis, cell cycle, Mendelian and non-classical genetics, evolution and diversity of life. The course is required for students majoring in biology and/or its subcategories (e.g., plant or animal sciences). **PREREQUISITE:** Biological Science 10 with a grade of 'C' or better and Mathematics 233 with a grade of 'C' or better. **ADVISORY:** Chemistry 30A; eligible for English 250 and English 260.

10579	Lec	LS102	J Kurushima	4.0	MW	0230- 0350
	Lab	LS102	J Kurushima		MW	0400- 0520

This service learning course involves community work.

BIO 4 General Zoology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B; GAV-GE:B2, B3; CAN:BIOL4, BIOL SEQ A

The classification, ecology, evolution and systems analysis of biological functions in major taxonomic groups of animals from Protists through to Chordata. **PREREQUISITE:** Mathematics 233 with a grade of 'C' or better. **ADVISORY:** Eligible for English 250 and English 260.

10580	Lec	LS102	R Morales	4.0	TR	0810- 0930
	Lab	LS102	R Morales		R	0945- 1250

This service learning course involves community work.

BIO 7 Human Anatomy

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B; GAV-GE:B2, B3; CAN:BIOL10, BIOL SEQ B

A functional approach to the gross and microscopic structure of the major systems of the human body. Includes dissection in lab. A cadaver is observed in this course. **PREREQUISITE:** Biological Science 10 or 15 with a grade of credit or C or better. **ADVISORY:** Eligible for English 250, English 260 and Mathematics 205.

10581	L/L	LS103	S STAFF	4.0	TR	0945- 0150
10582	L/L	LS103	T Robinson	4.0	FS	0945- 0150

BIO 8 General Microbiology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B; GAV-GE:B2, B3; CAN:BIOL14

An introduction to microbiology with an emphasis on bacteriology. Includes the study of morphology, physiology and classification of microorganisms, a survey of infectious disease, immunology and techniques for culture and control of microorganisms. This course is also listed as Allied Health 8. **PREREQUISITE:** Biological Science 10 or 15 with a grade of credit or C or better. **ADVISORY:** Chemistry 30A and Chemistry 30B; Eligible for English 250, English 260 and Mathematics 205.

10583	Lec	LS101	E Durant	5.0	MW	0810- 0930
	Lab	LS103	E Durant		MW	0945- 1150
10584	Lec	LS101	E Durant	5.0	MW	0810- 0930
	Lab	LS103	E Durant		MW	1250- 0210

BIO 9 Human Physiology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B; GAV-GE:B2, B3; CAN:BIOL12, BIOL SEQ B

A study of the functions of the major organs and organ systems of the human body, emphasizing control at the cellular level, integration of systems and homeostasis of the human body. This course is also listed as Allied Health 9. **PREREQUISITE:** Biological Science 7 or 15 with a grade of credit or C or better. **ADVISORY:** Chemistry 30A and Chemistry 30B; eligible for English 250, English 260 and Mathematics 205.

10585	Lec	LS101	P Yuh	5.0	TR	0400- 0605
	Lab	LS103	P Yuh		T	0630- 0935
10586	Lec	LS101	P Yuh	5.0	TR	0400- 0605
	Lab	LS103	M Smith		R	0630- 0935

CRN Type Room Instructor Units Days Times Dates

BIO 10 Principles of Biology

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

An introductory biology course covering functions at the cellular and organismal levels. Includes study of the basic principles of metabolism, heredity, evolution and ecology. Primarily for non-biological science majors. **ADVISORY:** Eligible for English 250, English 260 and Mathematics 205.

10587	Lec	LS101	L Bach	4.0	TR	0810- 0930
	Lab	LS102	L Bach		M	0810- 1000
10588	Lec	LS101	L Bach	4.0	TR	0810- 0930
	Lab	LS102	L Bach		W	0810- 1000
10589	Lec	SS214	S Keys	4.0	MW	0230- 0350
	Lab	LS102	S Keys		M	1020- 1225
10590	Lec	SS214	S Keys	4.0	MW	0230- 0350
	Lab	LS102	S Keys		W	1020- 1225
10591	Lec	SS214	S Keys	4.0	MW	0230- 0350
	Lab	LS102	S Keys		M	0530- 0735
10592	Lec	SS214	S Keys	4.0	MW	0230- 0350
	Lab	LS102	S STAFF		W	0530- 0735

BIO 11 Nutrition

Transferable: CSU, UC; CSU-GE:E2; GAV-GE:E2, F; CAN:FCS2

This course is designed to meet the needs of the Allied Health student and the general education student alike. The major aim of this course is to help the student acquire relevant information about nutrition which they can use professionally and/or personally. The course will cover the practical aspects of normal nutrition, ways to promote sound eating habits throughout the life cycle, and physiological contribution nutrients make to body structure and function. This course is also listed as Allied Health 11. **PREREQUISITE:** Eligible for English 250 and English 260 **ADVISORY:** Chemistry 30A and Mathematics 205

10667			M Akrop	3.0		
10668	Lec	LS106	M Akrop	3.0	T	1250- 0355
10670			M Akrop	3.0		

BIO 12 Introduction to Human Biology

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

This course will provide an introduction to human biology for non-science majors to meet general education laboratory science requirements. It will cover the biologic principles of basic body structure and function including all systems of the body, genetic diseases, and biotechnology. This course satisfies the same general education life science requirements as Biology 10 and Ecology 1.

10698	Lec	LS103	J Kurushima	4.0	TR	0230- 0350
	Lab	LS103	J Kurushima		T	0400- 0520
			This service learning course involves community work.			
10699	Lec	LS103	J Kurushima	4.0	TR	0230- 0350
	Lab	LS103	S Keys		R	0400- 0520
			This service learning course involves community work.			

BIO 13 Marine Biology

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

The course provides a comprehensive overview of marine ecosystems, emphasizing the diversity of life inhabiting them. The physical, chemical and ecological features of the marine environment are reviewed and the evolutionary adaptations that allowed marine organisms to survive are emphasized. Although the overall focus will include ecosystems found in both tropical, subtropical, temperate and arctic regions, many of the practical examples will be drawn from the rich ecosystems of the central California coast and labs will provide hands-on experience of the diversity of life forms found in this area. Practical exercises will include viewing of specimen in the laboratory, short documentaries followed by discussion and field trips to coastal locations within the Monterey Bay and vicinity to view and explore specific ecosystems such as kelp forests, the intertidal, and estuarine areas, as well as learn about local marine species such as birds and mammals.

10595	Lec	LS102	S STAFF	4.0	S	1000- 0105
	Lab	LS102	S STAFF		S	0130- 0435
			This service learning course involves community work.			

CRN Type Room Instructor Units Days Times Dates

BIO 15 Survey of Human Anatomy and Physiology

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

An introductory study of the structure and function of the human body. Includes study at the cellular and organ system levels, emphasizing integration of systems. Note that a cadaver will be observed in this course. This course is also listed as Allied Health 15. **ADVISORY:** Biological Science 10, Eligible for English 250, English 260 and Mathematics 205. Course will include the viewing of a cadaver.

10596	H		R Malley	5.0		
	Lab	LS103	R Malley		W	0630- 0935
This HYBRID lecture/online class will be delivered partially over the internet.						
10597	Lec	LS103	S STAFF	5.0	MW	0230- 0435
	Lab	LS103	S STAFF		MW	0500- 0620

BIO 23 Independent Study

Transferable: CSU

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

10598	Ind	LS116	R Morales	1.0		
10599	Ind	LS116	R Morales	2.0		

BIOTECHNOLOGY

BIOT 103 Biotechnology Lab Skills and Instrumentation

Transferable: CSU

Introduction to biotechnology laboratory skills. Techniques will include measuring, aseptic technique and transfer skills, preparation of buffers and other solutions, basic media preparation and dilutions, electrophoresis. Includes use and care of instruments such as microscope, spectrophotometer, centrifuge, pH meter, mechanical and micropipettes, autoclave, and electronic balance. Will also include keeping of a notebook, report writing and calculations. **ADVISORY:** Completion of any high school science course with a grade of 'C' or better; eligible for English 250; eligible for Math 205.

10600	Lec	LS103	M Lilles	4.0	FS	0230- 0320
	Lab	LS103	M Lilles		FS	0330- 0635

BUSINESS OFFICE TECHNOLOGY

BOT 112 Business Computations with Machines

Transferable: CSU

Self-paced course in the operation of the electronic printing calculator. This course provides theory and practice in business applications with emphasis on mathematical problem solving. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. **ADVISORY:** Eligible for Mathematics 402.

10248	Lab	BU110	S Gaffney	.5		Self paced, see instructor
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BOT 180 Medical Terminology for the Office

Transferable: CSU

This course introduces fundamentals of medical word building used in the health profession (prefixes, word roots, suffixes and abbreviations) as well as review of body systems, with emphasis on analysis, definition, spelling and pronunciation. This course had the option of a letter grade or pass/no pass. **ADVISORY:** Eligible for English 250 and English 260.

10294	Lec	MHG3	D Knapp	3.0	T	0300- 0555
Above class meets at Morgan Hill Community site.						
10325	Lec	BU120	D Knapp	3.0	R	0600- 0905

CRN Type Room Instructor Units Days Times Dates

BOT 181 Medical Billing - MediSoft

Transferable: CSU

This course in computerized billing procedures for a medical office uses MediSoft software. Students will learn the patient billing features of this software and complete a capstone simulation giving them hands-on realistic medical front office practice. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. **ADVISORY:** Eligible for English 250. Some computer experience.

10713	L/L	BU110	D Knapp	2.0	W	0600- 0905
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BOT 190 Occupational Work Experience / Business Office Technology

Transferable: CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college, and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

10733	Wrk Ex	LI101A	S Sweeney	1.0		
10735	Wrk Ex	LI101A	S Sweeney	2.0		
10736	Wrk Ex	LI101A	S Sweeney	3.0		
10737	Wrk Ex	LI101A	S Sweeney	4.0		

BOT 191A Workplace Skills

Transferable: CSU

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.

10767	Lec	HOL3	F Mendez	1.0	M	0130- 0320
10/08/12 - 12/03/12 Above class meets at the Hollister Briggs site.						
10844	Lec	MHG8	F Mendez	1.0	F	1130- 0120
10/12/12 - 12/14/12 Above class meets at Morgan Hill Community site.						

BUSINESS, GENERAL

BUS 1 Fundamentals of Business

Transferable: CSU, UC; GAV-GE:D2, F

This course introduces students to business and the array of opportunities that it offers. The course will help students recognize careers that will be of interest to them with consideration of their own skills and aptitudes. Different facets of business will be covered and students will learn about establishing their own business. This course has the option of a letter grade or pass/no pass. Previously listed as GBUS 1. **ADVISORY:** Eligible for English 250 and English 260.

10347	Lec	BU103	S Kurtz	3.0	W	0600- 0905
10715	Lec	BU120	D McCormick	3.0	TR	0945- 1105

BUS 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 ECON 14. This course has the option of a letter grade or pass/no pass. Previously listed as GBUS 14. **ADVISORY:** Math 400

10348	Lec	MHG10	S Kurtz	3.0	R	0630- 0930
Above class meets at Morgan Hill Community site.						

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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BUS 80 Business Law

Transferable: CSU, UC; CAN:BUS12

Introduction to the law applicable to business institutions and their operations; social forces and their effect upon the development of law; sources of law, agencies for enforcement, and court procedure and administration agencies. Substantive law, that law which includes rights and duties, will include contracts, agency employment relationships, torts and crimes. This course has the option of a letter grade or pass/no pass. Previously listed as GBUS 80. **ADVISORY:** Eligible for English 250 and English 260.

10726	Lec	BU120	S Banks	3.0	W	0600-0905
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BUS 190 Occupational Work Experience / General Business

Transferable: CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

10742	Wrk Ex	LI101A	S Sweeney	1.0		
10743	Wrk Ex	LI101A	S Sweeney	2.0		
10744	Wrk Ex	LI101A	S Sweeney	3.0		
10745	Wrk Ex	LI101A	S Sweeney	4.0		

CHEMISTRY

CHEM 1A General Chemistry

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3; CAN:CHEM2, CHEM SEQ A

This is the first semester of a year-long general chemistry course designed for science, engineering and pre-professional majors. Topics include properties of matter, atomic structure, the Periodic Table, stoichiometry, elements and compounds, bonding, molecular structure, chemical reactions, states of matter, as well as the properties of gases and solutions. **PREREQUISITE:** Chemistry 30A with a grade of 'C' or better, or high school chemistry with a grade of 'B' or better completed within the last five years, and Mathematics 233 with a grade of 'C' or better. **ADVISORY:** Eligible for English 250 and English 260.

10610	Lec	PS105	D Clark	5.0	MWF	0945-1055
	Lab	PS101	D Clark		T	0945-1249
10617	Lec	PS105	D Clark	5.0	MWF	0945-1055
	Lab	PS101	D Clark		R	0945-1249

CHEM 12A Organic Chemistry

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3

This is the first semester of a year-long organic chemistry course designed for chemistry majors, pre-professional medical, biology, and science majors. Topics include nomenclature, stereochemistry, mechanisms, reactions and spectroscopic studies of organic compounds. Lecture and laboratory methods will focus on synthesis, isolation, purification, elucidation, and identification of organic structures, as well as instrumental methods and data interpretation. **PREREQUISITE:** Chemistry 1B

10606	Lec	LS102	D Clark	5.0	TR	1251-0210
	Lab	PS101	D Clark		TR	0230-0535

CHEM 23 Independent Study

Transferable: CSU

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

10601	Ind	PS105	D Clark	1.0		
10602	Ind	PS105	D Clark	2.0		

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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CHEM 30A Elementary Chemistry

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3; CAN:CHEM6, CHEM SEQ B

This is a first semester college chemistry course designed for majors preparing to take Chemistry 1A, nursing and allied health students, as well as general education. The course will cover the principles of chemistry including properties of matter, energy, atomic theory, the Periodic Table, stoichiometry, elements and compounds, the properties of bonding, molecular structure, chemical reactions, states of matter, acidity, solutions and gases, as well as an introduction to organic chemistry. **ADVISORY:** Mathematics 205; eligible for English 250 and English 260.

10618	Lec	PS105	G Burce	4.0	MW	0810-0930
	Lab	PS101	G Burce		F	0100-0400
10619	Lec	PS105	G Burce	4.0	MW	0810-0930
	Lab	PS101	G Burce		F	0430-0730
10632	Lec	PS101	R Nguyen	4.0	T	0600-0905
	Lab	PS101	R Nguyen		R	0600-0905

CHILD DEVELOPMENT

CD 1 Principles and Philosophies of Early Childhood Education

Transferable: CSU

An overview of the developing child, current theories and research within the context of family, school, and community, and an historical perspective on the development of early childhood education. The processes of socialization and identity development will be highlighted showing the importance of respectful, reciprocal relationships that support and empower families. Observations in schools are to be arranged. **ADVISORY:** Eligible for English 250 and English 260.

10364	Lec	CDC100	P Henrickson	3.0	T	0600-0905
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CD 2 Early Child Development

Transferable: CSU, UC; CSU-GE:D9, E, IGETC:4I; GAV-GE:D2

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. This course is also listed as PSYC 2. This course has the option of a letter grade or pass/no pass. **ADVISORY:** Eligible for English 1A; transfer students consult with advisor.

10375	Lec	MHG4	M Bumgarner	3.0	MW	0945-1105
			Above class meets at Morgan Hill Community site.			
10528			M Bumgarner	3.0		
10530	Lec	CHS	J Weiler	3.0	M	0330-0630
			Above class meets off-campus: Above class meets off-campus. This class is part of the High Step program. It will be offered at Christopher High School. This class is open to all students.			

CD 3 Child Growth and Development During the School Years

Transferable: CSU, UC; CSU-GE:D9, E, IGETC:4I; GAV-GE:D2

This course examines typical and atypical development within the psychosocial, cognitive, and physical domains from middle childhood through adolescence. 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. This course has the option of a letter grade or pass/no pass. This course is also listed as PSYC 3. **ADVISORY:** Eligible for English 1A; transfer students consult with advisor.

10593			M Bumgarner	3.0		
10605	Lec	MHG4	M Bumgarner	3.0	MW	1120-1240
			Above class meets at Morgan Hill Community site.			
10923	Lec	GHS	D Muscari	3.0	W	0330-0630
			Above class meets off-campus: Above class meets off-campus. This class is part of the High Step Program. It will be offered at Gilroy High School This class is open to all students.			

CRN Type Room Instructor Units Days Times Dates

CD 4 Observing and Assessing Children

Transferable: CSU

Provides training in a variety of naturalistic and formal observation techniques, and discusses the use of standardized testing in children. Students learn to use formal observation tools, make a case study portfolio and give a parent conference. Observing children in classroom settings is required. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 1A; transfer students consult with advisor.

10611 Lec CDC100 J Smith 3.0 TR 1120- 1240

CD 5 Child / Family and Community

Transferable: CSU

An examination of the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizing historical and socio-cultural factors. Discussing patterns of development, childrearing, and the value of education in contemporary American society. Highlights the processes of socialization and identity development, showing the importance of respectful, reciprocal relationships that support and empower families and respond to all children's developmental needs. ADVISORY: Eligible for English 250 and English 260.

10612 Lec BU103 C Espinosa 3.0 M 0600- 0905

CD 7 Cultural Context of Child and Family in a Diverse Society

Transferable: CSU; CSU-GE:D7; GAV-GE:D2, F

Examines cultural influences on child-rearing practices, family values, and human development. Perspectives from the social sciences will be used to critique and review theoretical and practical implications of oppression and privilege as they apply to families, schools, and communities, including historical and socio-cultural factors. The processes of socialization and identity development, and the importance of respectful, reciprocal relationships that support and empower families. Self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling. Also listed as PSYC 7. ADVISORY: Eligible for English 250 and English 260.

10613  M Bumgarner 3.0

CD 8A American Education in a Changing World

Transferable: CSU, UC

This course provides an overview of education in the United States. It examines the issues, problems, and solutions to teaching in a pluralistic society by viewing schools as social institutions that reflect the values and dynamics of a society. It focuses on the history, politics, theories and approaches to teaching culturally and linguistically diverse children and analyzes career opportunities and new directions in education. For students who wish to expand their knowledge of education in America, and those who wish to explore careers in teaching. This course includes a Service Learning component that will encourage students to explore and apply concepts from the class. This course has the option of a letter grade or pass/no pass.

10614 Lec CDC100 B Malaspina 3.0 M 0600- 0905

CD 9 Child Health / Nutrition and Safety

Transferable: CSU

The key components that promote physical health, mental health and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Introductions to the laws, regulations standards, policies and procedures and early childhood curriculum related to child health safety and nutrition. Focus on integrating the concepts into curriculum planning and program development for all children. Poison prevention, fire and earthquake safety and emergency preparedness is covered. This course may be taken for a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.

10615 Lec CDC100 S Alonzo 3.0 W 0600- 0905

CRN Type Room Instructor Units Days Times Dates

CD 10 Children with Special Needs

Transferable: CSU

An introductory course in special education, which includes a survey of special needs such as learning disabilities, emotional disturbances, developmental delays, physical limitations, cognitive differences, and giftedness. Students will study the history of special education and legislation in the USA, ethical assessment and family-based intervention techniques, diversity and family issues, advocacy for special needs children, and the use of technology in special education environments. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260. Completion of CD 2.

10385 Lec CDC100 D Upton 3.0 F 0945- 1240

CD 11A Administration of Programs for Young Children

Transferable: CSU

The principles and practices of the organization and administration of facilities for preschool aged children. Areas covered include organizational structure, budgeting, personnel policies and practices, records, statistics, reporting, relationship with community resources, regulatory agencies, and parents. ADVISORY: Child Development 1 and 2.

10417 Lec MHG11 B Malaspina 3.0 T 0600- 0905
Above class meets at Morgan Hill Community site.

CD 14A Working with School Age Children

Transferable: CSU

Students will learn the developmental characteristics of school aged children, issues relating to before and after school programs for children from kindergarten to grade eight, and specific details of administering and leading such a program. Other topics include recreation versus academic enrichment, staffing requirements, age groupings, program content, and community resources. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and 260. Child Development 3.

10421  M Hoshiko-Haug 3.0

CD 15 Music and Movement for Children

Transferable: CSU

Techniques for the non-musician to incorporate music and movement activities in a variety of curriculum areas and reflecting cultural awareness. Practice building simple rhythm instruments and using rhythm in song instruction and movement activities. An extensive list of children's music CDs and resources will be provided to each student. ADVISORY: Eligible for English 250 and English 260.

10422 Lec BU103 J Hori-Garcia 1.0 T 0600- 0905 10/16/12 - 11/27/12
Class is taught in Spanish.

CD 16 Exploring Mathematics with Children

Transferable: CSU

Introduces the excitement and extensiveness of math experiences for children and presents an organized, sequential approach for developing a math curriculum. Students develop a folder of math activities for children aged 2-8. ADVISORY: Eligible for English 250 and English 260.

10423 Lec CDC100 D Muscari 1.0 F 0600- 0905 10/05/12 - 10/13/12
Lec CDC100 D Muscari S 0900- 0430 10/05/12 - 10/13/12
Class meets one Friday & two Saturdays.

CD 17 Exploring Science with Children

Transferable: CSU

Learn to teach a coordinated science curriculum covering life, natural and physical science concepts familiar and interesting to children age 2-8. Using easily found or low-cost materials and the Socratic method of questioning are primary strategies for developing reasoning skills and science concepts in children. ADVISORY: Eligible for English 250 or 260.

10424 Lec CDC100 D Muscari 1.0 F 0600- 0905 11/30/12 - 12/08/12
Lec CDC100 D Muscari S 0900- 0430 11/30/12 - 12/08/12
Class meets one Friday & two Saturdays.

CRN Type Room Instructor Units Days Times Dates

CD 18 The Outdoor Classroom

Transferable: CSU

In light of the evidence linking the lack of nature in children's lives to the rise in obesity, attention disorders, and depression, this course will teach participants how to create developmentally appropriate outdoor play and nature learning experiences for children from birth to age eight, ensure that outdoor environments are accessible and safe, and methodically observe and assess children's outdoor play. ADVISORY: Eligible for English 250 and 260.

10433 Lec CDC100 P Henrickson 3.0 W 0945- 1240

CD 19 Introduction to Careers with Children

Transferable: CSU

An overview of Department of Social Services and Department of Education regulations regarding child care workers in California. Self-assessment techniques with emphasis on teacher-child and teacher-adult relationships and personal evaluations. Basic principles of curriculum development and discipline techniques. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.

10432 Lec CDC100 P Henrickson 2.0 W 1255- 0250

CD 20 Children's Language and Literature

Transferable: CSU

A developmental view of children's language and literacy learning in a framework of children's literature. Students will be presented with steps in children's literacy learning in order to help them organize classrooms and plan activities to support the growth of writing and reading. Students will study historical trends in children's literature and participate in practical experiences and activities that use a wide range of techniques and materials for advancing language comprehension and usage. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.

10535 Lec CDC100 J Weiler 3.0 M 0945- 1240

CD 21 Introduction to Curriculum

Transferable: CSU

This foundational curriculum course presents an overview of knowledge and skills needed for designing curriculum and environments for all young children. Students examine the teacher's role in supporting development, fostering creativity, and modeling a joy of learning for children and parents. Students will design and implement an integrated curriculum based on observation and assessment and emphasizes play, and design learning centers for literacy, social, emotional, sensory, art, perceptual, math, and science learning. Students complete and activity folder and participate in demonstrations and observations. ADVISORY: Eligible for English 250 and English 260.

10537 Lec CDC100 P Henrickson 3.0 TR 1255- 0200

CD 25A Art Methods

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

Art methods and learning theory for those planning to work with preschool, elementary and secondary students. Includes art therapy as well as gifted and special learner projects. Two dimensional work in printing, painting, drawing, collage. Also listed as ART 25A.

10353 Lec R McGinnis 3.0
 Lab HOL1 R McGinnis F 0400- 0805
 Above class meets at the Hollister Briggs site. This HYBRID lecture/online class will be delivered partially over the internet.
 10875 Lec A Rosette 3.0
 Lab AR102 A Rosette TR 0810- 1015
 This HYBRID lecture/online class will be delivered partially over the internet.

CRN Type Room Instructor Units Days Times Dates

CD 25B Art Methods

Transferable: CSU; GAV-GE:C1

Art methods, creativity and learning theory for those planning to work with preschool, elementary, and secondary school students. Includes art therapy as well as gifted and special learner projects. Three dimensional work in sculpture, bas relief, mobiles, paper mache', plaster, and various 3-D materials. Also listed as ART 25B.

10354 Lec R McGinnis 3.0
 Lab HOL1 R McGinnis F 0400- 0805
 Above class meets at the Hollister Briggs site. This HYBRID lecture/online class will be delivered partially over the internet.

CD 30A Practicum I - Early Childhood Field Experience

Transferable: CSU

Designing, developing and implementing contemporary curriculum and instructional methods for early childhood education. ADVISORY: English 1A. PREREQUISITE: Completion of Child Development 1, 2, 5 and 21 with a grade of "C" or higher. Concurrent enrollment in at least 2 units of CD 190.

10608 Lec CDC100 P Henrickson 3.0 R 0600- 0905

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.

10609 Lec CDC100 J Smith 3.0 TR 0945- 1105

CD 190 Occupational Work Experience / Child Development

Transferable: CSU

Occupational work experience for students who have a job related to their work. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. REQUIRED: Declared vocational major.

10447 Wrk Ex CDC131 P Henrickson 1.0
 10448 Wrk Ex CDC131 P Henrickson 2.0
 10449 Wrk Ex CDC131 P Henrickson 3.0
 10487 Wrk Ex CDC131 P Henrickson 4.0

CD 219 Spanish Introduction to Child Development at Gavilan College

Transferable: No

This course will orient mono-lingual (Spanish) Child Development students to Gavilan College and the Child Development and Educational Studies (CDES) departments. Students will be provided an overview of campus academic and support services and programs, explore the professional opportunities in the field of Child Development and learn effective strategies for college success. This course has the option of a letter grade or pass/no pass.

10616 Lec BU103 J Hori-Garcia 1.0 T 0600- 0905 09/04/12 - 10/09/12
 Class is taught in Spanish.



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