

CRN Type Room Instructor Units Days Times Dates

JOUR 22 Field Work and Service

Transferable: CSU; GAV-GE:C1

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.

10418 Fld Ex HU106 J Janes 1.0

JOUR 23 Independent Study

Transferable: CSU; GAV-GE:C1

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.

10419 Ind HU106 J Janes 1.0
10420 Ind HU106 J Janes 2.0

JOUR 190 Occupational Work Experience / Journalism

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.

10759 Wrk Ex LI101A S Sweeney 1.0
10760 Wrk Ex LI101A S Sweeney 2.0
10761 Wrk Ex LI101A S Sweeney 3.0
10762 Wrk Ex LI101A S Sweeney 4.0

KINESIOLOGY

KIN 2 Introduction to Kinesiology

Transferable: CSU, UC

This course is designed to examine the field of Kinesiology from a historical and contemporary viewpoint. The broad spectrum of Kinesiology as a discipline will be discussed. Goals and objectives of Kinesiology as well as other career options will be introduced. This course has the option of a letter grade or pass/no pass. Previously listed as PE 2. **ADVISORY:** Eligible for English 250 and English 260.

10211 J Lango 3.0

KIN 7 Theory of Sports Management

Transferable: CSU

This course introduces the theory of organizing, planning, directing and controlling a sports program. Areas such as budgeting, fundraising, advertising, marketing, and studying contract law will also be included. Previously listed as PE 7.

10212 Lec BU103 N Dequin 3.0 TR 0945- 1105

KIN 10A Fundamentals of Softball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Basic theory, strategy, technique, practice and conditioning of softball to prepare the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 10A.

10544 L/L ATHFLDSFT N Dequin 2.0 MTWR 0230- 0430

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KIN 10B Fundamentals of Softball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This course offers review and advanced instruction in the theory, strategies, and techniques of softball for the purposes of preparing the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 10B. **ADVISORY:** PE 10A or KIN 10A.

10546 L/L ATHFLDSFT N Dequin 2.0 MTWR 0230- 0430

KIN 11A Fundamentals of Baseball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Theory, strategy, technique, practice and conditioning of baseball to prepare the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 11A.

10548 L/L ATHFLDBAS N Andrade 2.0 MTWR 0230- 0430

KIN 11B Fundamentals of Baseball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This course offers review and advanced instruction in the theory, strategies, and techniques of baseball for the purpose of preparing the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 11B. **ADVISORY:** PE 11A or KIN 11A.

10550 L/L ATHFLDBAS N Andrade 2.0 MTWR 0230- 0430

KIN 12A Fundamentals of Football

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Basic organization and administration of a football program involving equipment, practice schedules, personnel, conditioning, scouting, weight training, and football specific drills. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 12A.

10517 L/L APE120 S Gilford 2.0 MTWRF 0330- 0430

KIN 12B Fundamentals of Football

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

The administration and organization of a football program involving practice schedules, personnel, equipment scouting, conditioning, weight training, and football drills. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 12B. **ADVISORY:** PE 12B or KIN 12B.

10518 L/L APE120 S Gilford 2.0 MTWRF 0330- 0430

KIN 14A Fundamentals of Basketball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Basic theory, strategy, technique, practice, and conditioning involved in basketball to prepare the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 14A.

10519 L/L APE120 T Addison 2.0 MW 0430- 0620
This class is designed for members of the Men's Intercollegiate Basketball team.
10696 Lab APE120 S STAFF 2.0 TR 0430- 0620
This class is designed for members of the Women's Intercollegiate Basketball team.

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KIN 14B Fundamentals of Basketball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

More in-depth and advanced instruction in the theory, strategy, practice, and conditioning in basketball to better prepare the individual student in all aspects of playing and coaching the sport. Designed for the student who has already completed KIN 14A. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 14B. **ADVISORY:** KIN 14A or PE 14A.

10520	L/L	APE120	T Addison	2.0	MW	0430- 0620
This class is designed for members of the Men's Intercollegiate Basketball team.						
10701	Lab	APE120	S STAFF	2.0	TR	0430- 0620
This class is designed for members of the Women's Intercollegiate Basketball team.						

KIN 16 Swimming

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Coeducational activity designed for all skill levels. The course teaches the techniques of a variety of strokes and includes conditioning activities. Instruction is tailored to meet individual and group needs. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 16.

10213	Lab	GYPOOL	S Dodd	1.0	MW	1120- 1240
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KIN 17 Golf

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Coeducational activity designed for all skill levels. Fundamentals, techniques, rules and the etiquette of golf will be covered. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 17.

10220	Lab	GGOLF COUR	N Andrade	1.0	F	1040- 0135
A facility use fee will be charged. Details at the first meeting.						

KIN 18 Tennis

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Coeducational activity stressing fundamentals of tennis such as forehand, backhand, serve, and volley, along with the rules, etiquette and strategies of the game. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 18.

10221	Lab	ATHFLDTEN	K Kramer	1.0	MW	1250- 0210
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KIN 20 Bowling

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Coeducational activity designed for beginning and intermediate bowlers; fundamentals and techniques of bowling. Scoring, bowling etiquette, terminology and team bowling are included. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 20.

10222	Lab	GIBOWL	J Lango	1.0	TR	0810- 0930
Above class meets off-campus: Class meets at Gilroy Bowl, 7554 Monterey Street, Gilroy. A facility use fee of \$1.50 per session is required.						

KIN 21 Volleyball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Coeducational activity designed for beginning and intermediate volleyball students; rules, strategy and fundamentals of volleyball. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 21.

10223	Lab	GYGYM	K Kramer	1.0	TR	1250- 0210
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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. Previously listed as PE 22.

10224	ARR	GY116	S Dodd	.5		
Hours by Arrangement. Interested students must meet with Dept. Chair Susan Dodd to determine student suitability/ eligibility for this class.						
10225	ARR	GY116	S Dodd	1.0		
Hours by Arrangement. Interested students must meet with Dept. Chair Susan Dodd to determine student suitability/ eligibility for this class.						

KIN 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. Previously listed as PE 23. **REQUIRED:** The study outline prepared by the student and the instructor must be filed with the department and the dean.

10226	ARR	GY116	S Dodd	2.0		
This course is designed for Kinesiology majors who have completed their course work and would like to do a semester-long written project.						

KIN 24 Individualized Weight Training

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

An open laboratory for those who desire an individualized strength program using exercise machines and free weights. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 24.

10227	Lab	GYFITCNTR	S Dodd	1.0		
In the first week of the semester during lab hours, students should go to the Fitness Center located in the Gym area. Students will check-in with the Fitness Center Instructor. Fitness Center Lab Hours: MWF: 7am-2:00pm, T-TH: 8am-2pm, MTWTH: 4:30-6:30pm.						
10521	Lab	GYFITCNTR	S Dodd	.5		
In the first week of the semester during lab hours, students should go to the Fitness Center located in the Gym area. Students will check-in with the Fitness Center Instructor. Fitness Center Lab Hours: MWF: 7am-2:00pm, T-TH: 8am-2pm, MTWTH: 4:30-6:30pm.						

KIN 61 Swim for Fitness

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Designed to develop endurance and swimming skills in order to maintain good cardiovascular/physical fitness. Intermediate swimming ability recommended. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 61.

10534	Lab	GYPOOL	S Dodd	.5	TR	0515- 0635
08/29/12 - 10/18/12						

KIN 62 Yoga

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Coeducational activity designed for beginning and intermediate yoga students. A program designed to improve flexibility and reduce stress by learning a series of poses and focusing on proper breathing techniques. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 62.

10022	Lab	MHG10	M Watson	1.0	MW	0500- 0620
Above class meets at Morgan Hill Community site.						
10513	Lab	APE101	E Falvey	1.0	TR	1250- 0210
10704	Lab	PORTHL	D Muscari	1.0	MW	0715- 0835
Above class meets off-campus: Class location: Portuguese Hall, 695 Seventh Street, Hollister, CA.						

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KIN 64 Individualized Cardiovascular Fitness

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

A fitness program which develops cardiovascular endurance through and individualized open lab format. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 64.

10531	Lab	GYFITCNR	S Dodd	1.0		
In the first week of the semester during lab hours, students should go to the Fitness Center located in the Gym area. Students will check-in with the Fitness Center Instructor. Fitness Center Lab Hours: MWF: 7am-2:00pm, T-TH: 8am-2pm, MTWTH: 4:30-6:30pm.						
10532	Lab	GYFITCNR	S Dodd	.5		
In the first week of the semester during lab hours, students should go to the Fitness Center located in the Gym area. Students will check-in with the Fitness Center Instructor. Fitness Center Lab Hours: MWF: 7am-2:00pm, T-TH: 8am-2pm, MTWTH: 4:30-6:30pm.						

KIN 66 Dance Fundamentals

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Designed to introduce and develop movement principles and skills necessary to perform modern dance and ballet. May also include jazz and/or tap dance. Emphasizes enjoyment of dance as a form of exercise and will include some conditioning. Basic choreography skills will be included. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 66.

10514	Lab	APE101	E Falvey	1.0	TR	1120- 1240
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KIN 70 Pilates

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This class utilizes the Pilates exercise system focused on improving flexibility and strength for the total body through a series of controlled movements. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 70.

10515	Lab	APE101	D Muscari	1.0	MW	1250- 0210
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KIN 74 Hiking

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

Introduces the Santa Clara and San Benito County parks, trails, and surrounding areas. Includes fun, challenging hikes which average 5 - 8 miles on moderate to steep terrain. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 74.

10536	Lab	GYGYM	N Dequin	1.0	F	0810- 1100
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KIN 75 Sports Conditioning

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This activity class is designed to improve the physical condition of our male and female student athletes. It includes strength training, cardiovascular endurance, plyometric training, and sport specific techniques through an open lab format. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 75.

10538	Lab	GYFITCNR	J Lango	1.0		
This class is designed for members of intercollegiate athletic teams at Gavilan College. Student-athletes must check in during the first week of the semester with their team's head coach. Work-out hours will vary by sport.						
10539	Lab	GYFITCNR	J Lango	.5		
This class is designed for members of intercollegiate athletic teams at Gavilan College. Student-athletes must check in during the first week of the semester with their team's head coach. Work-out hours will vary by sport.						

KIN 81 Kickboxing for Fitness

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This course utilizes basic kickboxing techniques and physical conditioning in a cardio exercise program. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 81.

10540	Lab	GYGYM	N Dequin	1.0	MW	1120- 1240
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KIN 82 Circuit Training

Transferable: CSU, UC; CSU-GE:E; GAV-GE:E1

This class is a combination of aerobic exercise and resistance training designed to simultaneously improve mobility, strength, and stamina. Students will rotate from station to station, alternating between cardio and muscle toning exercises. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Previously listed as PE 82.

10541	Lab	GYGYM	N Andrade	1.0	TR	1120- 1240
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KIN 83 Karate

Transferable: CSU

An introduction to the basic skills and techniques of Japanese Karate. Emphasis will be on the fundamentals of martial arts, including safety skills and etiquette, kicking, punching, striking, blocking, and Kata forms. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit.

10512	Lab	APE101	I Ploke	1.0	TR	0700- 0820
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INTERCOLLEGIATE ATHLETICS

ATH 35 Intercollegiate Basketball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This course provides practice and competition in intercollegiate basketball. Before participating, students must have completed a physical exam and their athletic eligibility paperwork. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10551	Lab	GYGYM	T Addison	2.0	MTWRF	0230- 0430
This course is Men's Intercollegiate Basketball.						
10690	Lab	GYGYM	S STAFF	2.0	MTWRF	
This course is Women's Intercollegiate Basketball.						

ATH 42 Intercollegiate Football

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This course provides practice and competition in intercollegiate football. Before participating, students must have completed a physical exam and their athletic eligibility paperwork. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10552	Lab	ATHFLDFTB	S Gilford	2.0	MTWRF	0430- 0630
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ATH 46 Intercollegiate Volleyball

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This course provides practice and competition in intercollegiate volleyball for women. Before participating, students must have completed a physical exam and their athletic eligibility paperwork. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10553	Lab	GYGYM	K Kramer	2.0	MTWRF	0430- 0630
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ATH 47 Intercollegiate Soccer

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This course provides practice and competition in intercollegiate soccer. Before participating, students must have completed a physical exam and their athletic eligibility paperwork. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10554	Lab	ATHFLDSOC	J Johnson	2.0	MTWRF	0230- 0430
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LIBRARY

LIB 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 CSIS 3. This course has the option of a letter grade or pass/no pass. May be repeated once for credit. ADVISORY: Eligible for English 250 and 260.

10829			A Sargent	2.0		09/10/12 - 11/03/12
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LIB 6 Web Page Authoring I

Transferable: CSU; GAV-GE:E2

A 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 a letter grade or pass/no pass. May be repeated three times for credit. Also listed as CSIS 6 and DM 6. ADVISORY: CSIS 1 or CSIS 2 or CSIS/LIB 3 advised.

10842			J Howell	2.0		08/29/12 - 10/23/12
10936			J Howell	2.0		10/17/12 - 12/11/12

MANAGEMENT

MGMT 101 Introduction to Management

Transferable: CSU; GAV-GE:F

This is a basic course in management introducing a variety of modern management concepts. This course includes the basic management functions of planning, organization, staffing, leadership, and control. In addition, such concepts as team development, communication, business ethics, and global management perspectives will be discussed. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.

10627	Lec	PB8	S Kurtz	3.0	M	0600-0905
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MGMT 190 Occupational Work Experience / Management-Supervision

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.

10628	Wrk Ex	LI101A	S Sweeney	1.0		
10629	Wrk Ex	LI101A	S Sweeney	2.0		
10630	Wrk Ex	LI101A	S Sweeney	3.0		
10631	Wrk Ex	LI101A	S Sweeney	4.0		

MARKETING

MKTG 100 Principles of Marketing

Transferable: CSU

An introduction to the economic and social problems involved with moving goods and services from the producer to the consumer. This course covers topics such as marketing institutions, channels of distribution, pricing, and government relationships. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.

10804	Lec	PB7	D McCormick	3.0	TR	1120-1240
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CRN Type Room Instructor Units Days Times Dates

MKTG 190 Occupational Work Experience / Marketing

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.

10781	Wrk Ex	LI101A	S Sweeney	1.0		
10782	Wrk Ex	LI101A	S Sweeney	2.0		
10783	Wrk Ex	LI101A	S Sweeney	3.0		
10784	Wrk Ex	LI101A	S Sweeney	4.0		

MASS COMMUNICATIONS & TELEVISION

MCTV 16 Television History and Practice

Transferable: CSU

This course examines theories, history and development of television technology and current distribution practices. Programming genres and production techniques are analyzed, evaluated and compared with other societies as tools of mass communication. This course is also listed as THEA 16. ADVISORY: Eligible for English 250 and 260.

10428	Lec	LI140	T Widdowson	3.0	MW	1120-1240
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MCTV 17A Television and Video Workshop

Transferable: CSU

An introduction to television and video technology, including pre-production, production and post-production techniques such as: camera work, studio equipment, lighting, audio plus off-line and on-line editing. This course is also listed as THEA 17A. ADVISORY: Theatre Arts 16 Intro to TV or consent of instructor.

10430	L/L	LI140	E Montenegro L Valdez	3.0	TR	1250-0315
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MCTV 17B Television and Video Workshop

Transferable: CSU

Emphasis placed on production and post-production techniques in video production. Student knowledge and skills are increased by participating in live to tape projects. May be repeated twice for credit. This course is also listed as THEA 17B. ADVISORY: Completion of Theatre Arts 17A.

10431	L/L	LI140	E Montenegro L Valdez	3.0	TR	1250-0315
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MCTV 19 Television and Film Acting

Transferable: CSU, UC

Theory and practice of acting for film and television. Students will learn basic performance techniques for the camera. Learning experiences include projects in broadcasting, reporting, commercials, public service announcements (PSA), comedy and drama. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. This course is also listed as THEA 19.

10436	L/L	LI140	R Gonzalez J James	3.0	TR	1120-1240
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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.

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MATHEMATICS

MATH 1A Single-Variable Calculus and Analytic Geometry

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A; GAV-GE:B4; CAN:MATH18, MATH SEQ BC

Limits and continuity, analyzing the behavior and graphs of functions, derivatives, implicit differentiation, higher order derivatives, related rates and optimization word problems, Newton's Method, Fundamental Theorem of Calculus, and definite and indefinite integrals. **PREREQUISITE:** Mathematics 10 or Mathematics 8B with a grade of 'C' or better.

10676 Lec PS105 K Wagman 4.0 MWF 1250- 0200

MATH 1B Single-Variable Calculus and Analytic Geometry

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A; GAV-GE:B4; CAN:MATH20, MATH SEQ BC

This course is a standard second semester Calculus course covering methods of integration, applications of the integral, differential equations, parametric and polar equations, and sequences and series. **PREREQUISITE:** Mathematics 1A with a grade of 'C' or better.

10677 Lec LS101 L Wolff 4.0 MW 0600- 0805

MATH 1C Multivariable Calculus

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A; GAV-GE:B4; CAN:MATH22, MATH SEQ BC

A standard third semester Calculus course covering functions of several variables, vectors, surfaces, vector-valued functions, partial derivatives, multiple and line integrals, Green's Theorem, Stokes' Theorem, and the Divergence Theorem. **PREREQUISITE:** Mathematics 1B with a grade of 'C' or better.

10678 Lec PS102 P Reuschling 4.0 MWF 1250- 0200

MATH 5 Introduction to Statistics

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A; GAV-GE:B4; CAN:STAT2

Descriptive analysis and presentation of either single-variable data or bivariate data, probability, probability distributions, normal probability distributions, sample variability, statistical inferences involving one and two populations, analysis of variance, linear correlation and regression analysis. Statistical computer software will be extensively integrated as a tool in the description and analysis of data. **PREREQUISITE:** Mathematics 233 with a grade of 'C' or better. The instructor will be using and supporting a TI-83 Plus graphing calculator in all classroom demonstrations.

10639	L/L	MA103	H Jukl	3.0	M	0240- 0445
	L/L	MA103	H Jukl		W	0240- 0345
	L/L	MA101	H Jukl		W	0355- 0445
10640	Lec	PS105	T Sanford	3.0	TR	0810- 0930
	Lab	MA101	T Sanford		F	0810- 0900
10641	L/L	MA102	N Wadia	3.0	TR	0600- 0805
10642	L/L	MHG12	A Viarengo	3.0	MW	0600- 0805
	Above class meets at Morgan Hill Community site.					
10643			R Knight	3.0		

MATH 6 Calculus for Business / Social Science

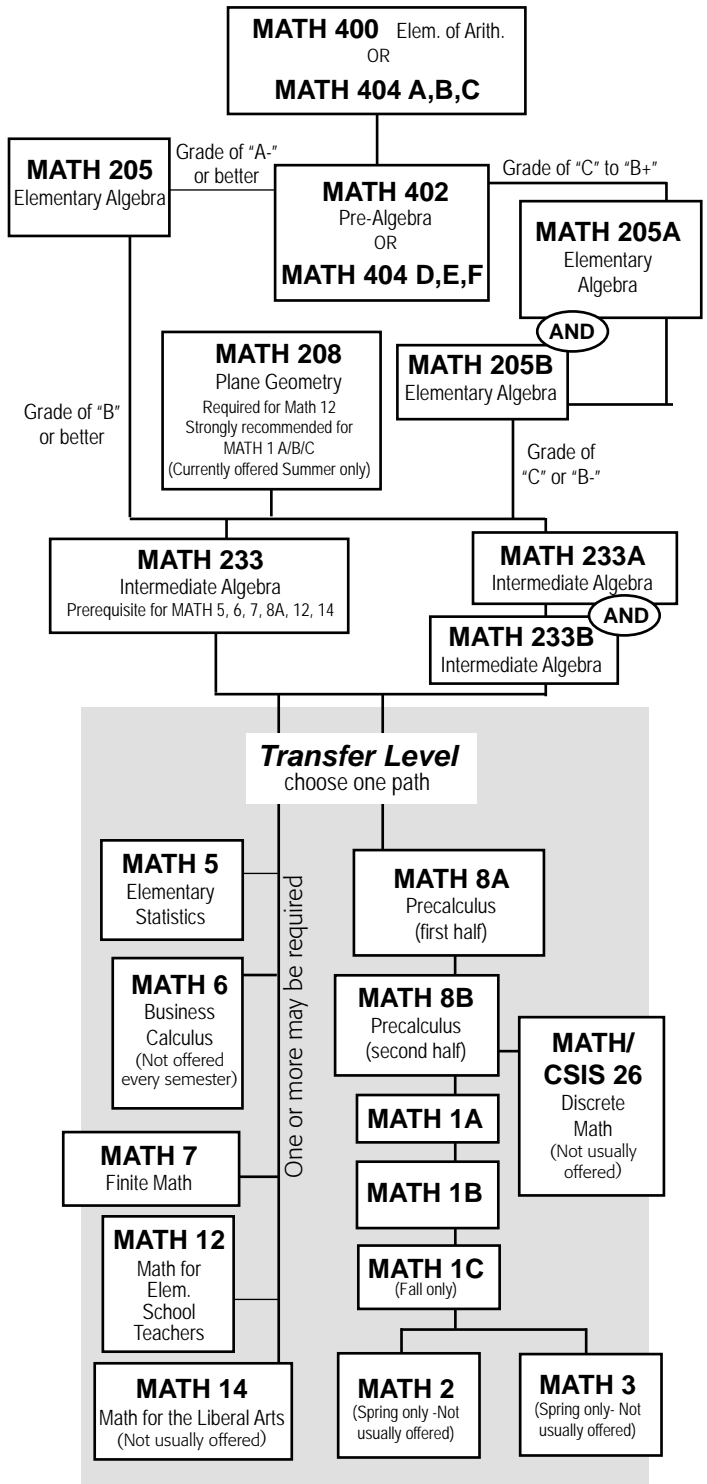
Transferable: CSU, UC; CSU-GE:B4, IGETC:2A; GAV-GE:B4; CAN:MATH34

This course applies the fundamental principles and techniques of calculus to problems in business, economics, the life sciences and the social sciences. Topics will include limits, and differentiation and integration of linear, quadratic, polynomial, exponential and logarithmic functions. This course is not intended for students majoring in engineering, the physical sciences or math. Using a calculator is required. Graphing calculator is recommended. **PREREQUISITE:** Mathematics 233 with a grade of 'C' or better.

10702 Lec PS105 L Hilden 3.0 MW 0400- 0520

Gavilan College
Overview of Math Courses

Grade of "C" or better required in order to progress to the next course



Multiple measures will be considered to determine your final course. Consult with a counselor to select the appropriate course.

CRN Type Room Instructor Units Days Times Dates

MATH 7 Finite Mathematics

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A; GAV-GE:B4; CAN:MATH12
Systems of linear equations and matrices, introduction to linear programming, finance, counting techniques and probability, properties of probability and applications of probability. **PREREQUISITE:** Mathematics 233 with a grade of 'C' or better.

10644 Lec PS102 S STAFF 3.0 TR 0810- 0930

MATH 8A First Half of Precalculus

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A; GAV-GE:B4
Math 8A prepares the student for the study of calculus by providing important skills in algebraic manipulation, interpretation, and problem solving at the college level. Topics will include basic algebraic concepts, complex numbers, equations and inequalities of the first and second degree, functions, and graphs, linear and quadratic equations, polynomial functions, exponential and logarithmic functions, systems of equations, matrices and determinants, right triangle trigonometry, and the Law of Sines and Cosines. **PREREQUISITE:** Mathematics 233 with a grade of 'C' or better. The instructor will be using and supporting TI-83 Plus graphing calculator in all classroom demonstrations.

10688 Lec PS105 J Nari 4.0 TR 0945- 1055
Lec SS206 J Nari F 0945- 1055
10689 Lec PS105 M Dresch 4.0 TR 1251- 0200
Lec LS101 M Dresch M 1250- 0200

MATH 8B Second Half of Precalculus

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A; GAV-GE:B4
Math 8B prepares students for the study of calculus by providing important skills in algebraic manipulation, interpretation, and problem solving at the college level. Topics will include trigonometric functions, identities, inverse trigonometric functions, and equations; applications of trigonometry, vectors, complex numbers, polar and parametric equations; conic sections; sequences, series, counting principles, permutations, mathematical induction; analytic geometry, and an introduction to limits. **PREREQUISITE:** Mathematics 8A with a grade of 'C' or better. **ADVISORY:** Math 208 Survey of Practical Geometry.

10691 Lec PS105 A Washburn 4.0 MW 0600- 0805

MATH 12 Mathematics for Elementary Teachers

Transferable: CSU, UC; CSU-GE:B4; GAV-GE:B4
This course is intended for students preparing for a career in elementary school teaching. Emphasis will be on the structure of the real number system, numeration systems, elementary number theory, and problem solving techniques. Technology will be integrated throughout the course. **PREREQUISITE:** High School Geometry and Math 233 (Intermediate Algebra), or, Math 208 (Plane Geometry) and Math 233 (Intermediate Algebra). All courses must be completed with a grade of 'C' or better.

10645 Lec MHG10 S STAFF 3.0 M 0630- 0935
Above class meets at Morgan Hill Community site.

PRECALCULUS BOOT CAMP IN AUGUST!

This FREE seminar meets August 13-17 from 9:00 AM - 3:00 PM.

Get ready for your fall classes.

Whether you are a student who needs more practice in understanding foundational elements of precalculus and trigonometry or you just need a brush up on the basics of precalculus, this boot camp is for you.

This seminar is a one week, six hour a day, math boot camp, where students will develop or redevelop a solid understanding of precalculus and trigonometric concepts.

Space is limited to the first 25 people. To save a spot, email jnari@gavilan.edu before July 27.

CRN Type Room Instructor Units Days Times Dates

MATH 205 Elementary Algebra

Transferable: No
This course is a standard beginning algebra course, including algebraic expressions, linear equations and inequalities in one variable, graphing, equations and inequalities in two variables, integer exponents, use of a scientific calculator, polynomials, rational expressions and equations, radicals and rational exponents, and quadratic equations. Mathematics 205, 205A and 205B, and 206 have similar course content. This course may not be taken by students who have completed Mathematics 205B or 206 with a grade of "C" or better. This course may be taken for Mathematics 205B credit (2.5 units) by those students who have successfully completed Mathematics 205A with a grade of "C" or better. **PREREQUISITE:** MATH 402 with a grade of 'Pass' or with a 'C' or better, or assessment test recommendation.

10646 Lec MA103 S STAFF 5.0 MTWR 0810- 0915
10647 Lec MHG13 S Kercheval 5.0 MTWR 1250- 0155
Above class meets at Morgan Hill Community site.
10648 Lec MA103 G Fuller 5.0 MTWR 0945- 1050
10649 Lec PS101 STAFF 5.0 MTR 1250- 0155
Lec HU103 STAFF F 1250- 0155
10650 Lec HOL4 STAFF 5.0 MTWR 1250- 0155
Above class meets at the Hollister Briggs site.
10651 Lec PS105 R Potter 5.0 MTWR 1120- 1225
10652 Lec HOL4 R Bates 5.0 TR 0600- 0825
Above class meets at the Hollister Briggs site.
10653 Lec MHG13 D Wisneski 5.0 TR 0600- 0825
Above class meets at Morgan Hill Community site.
10654 Lec MA103 STAFF 5.0 MTWR 1250- 0155

MATH 205A First Half of Elementary Algebra

Transferable: No
This course is the first half of the Elementary Algebra course. It will cover signed numbers, evaluation of expressions, ratios and proportions, solving linear equations, and applications. Graphing of lines, the slope of a line, graphing linear equations, solving systems of equations, basic rules of exponents, and operations on polynomials will be covered. **PREREQUISITE:** Math 402 with a grade of 'Pass' or with a 'C' or better, or assessment test recommendation. **ADVISORY:** Concurrent enrollment in Guidance 563A is advised.

10679 Lec PS102 D Lawson 2.5 MWF 0810- 0930
10680 Lec MA103 L Wills 2.5 TR 1120- 1230
Lec PS101 L Wills F 1120- 1230
10681 Lec MA103 A Arid 2.5 MW 0600- 0805

MATH 205B Second Half of Elementary Algebra

Transferable: No
This course contains the material covered in the second half of the Elementary Algebra Course. It will cover factoring polynomials, solving quadratic equations by factoring, rational expressions, radicals, and solving quadratic equations. In addition, the course will review applications involving linear equations of one and two variables, finding slopes and graphing linear equations, solving systems of equations with two variables, and solving linear inequalities. Math 205, 205A and 205B, and 206 have similar course content. This course may not be taken by students who have completed Math 205 or 206 with a grade of 'C' or better. **PREREQUISITE:** Math 205A with a grade of 'C' or better. **ADVISORY:** Concurrent enrollment in Guidance 563B is advised.

10682 Lec LS102 E Dachkova 2.5 MW 1250- 0200
Lec MA103 E Dachkova F 1250- 0200

BASIC SKILLS BOOT CAMP IN AUGUST!

Math 414: 2 units, Tues. - Friday, Aug. 14 - 17 from 8 am - 4:40 pm.

Whether you are a student who needs more practice in understanding foundational elements of math such as fractions, percents, signed numbers and/or word problems or you just need a brush up on the basics, Math 414 is for you. Students will develop or redevelop a solid understanding of basic math concepts.

Math 414 is a remedial mathematics course designed for those students who need to learn, or re-learn, the basic concepts of math. The primary emphasis is on whole numbers, fractions, decimals, percents, and measurements.

CRN Type Room Instructor Units Days Times Dates

MATH 233 Intermediate Algebra

Transferable: No; GAV-GE:B4

Review of basic concepts, linear equations and inequalities, graphs and functions, systems of linear equations, polynomials and polynomial functions, factoring, rational expressions and equations, roots, radicals, and complex numbers, solving quadratic equations, exponential and logarithmic functions, and problem solving strategies. Mathematics 233, 233A, and 233B have similar course content. This course may not be taken by students who have completed Mathematics 233B with a grade of 'C' or better. This course may be taken for Mathematics 233B credit (2.5) units by those students who have successfully completed Mathematics 233A with a grade of 'C' or better. PREREQUISITE: Mathematics 205 or Mathematics 205A and 205B or Mathematics 206 with a grade of 'C' or better. The instructor will be using and supporting TI-83 Plus graphing calculator in all classroom demonstrations.

10655	Lec	SS206	G Fuller	5.0	MTWR	0810-0905
10656	Lec	MHG5	R Knight	5.0	MTWR	1250-0155
Above class meets at Morgan Hill Community site.						
10657	Lec	SS206	L Wills	5.0	MTWR	0945-1050
10658	Lec	HOL2	R Bates	5.0	MTWR	1250-0155
Above class meets at the Hollister Briggs site.						
10659	Lec	SS206	R Potter	5.0	MTWR	1250-0155
10661	Lec	MA103	M Grover	5.0	TR	0600-0825
10662	Lec	SS206	M Dresch	5.0	MWR	1120-1235
	Lec	SS206	M Dresch		T	1120-1155
	Lec	SS206	M Dresch		T	1156-1245
	Lec	SS206	M Dresch		F	1120-1235
PLEASE NOTE: Tuesday 11:56-12:45pm and Friday 11:20-12:35pm are Optional Tutoring sessions.						

MATH 233A First Half of Intermediate Algebra

Transferable: No

The course will start with a review of basic concepts and then cover the following topics with an emphasis on applications and problem solving strategies: solving linear and absolute value equations; solving linear and compound inequalities; equations and graphs of lines; functions and function notation including composition of functions; solving systems of linear equations and inequalities; operations with polynomials; factoring polynomials; and solving polynomial equations. PREREQUISITE: Completion of Mathematics 205 or the equivalent with a grade of 'C' or better.

10683	Lec	LS101	K Wagman	2.5	MWF	0230-0340
10684	Lec	SS206	M Buchanan	2.5	MW	0600-0805
10685	Lec	MHG11	J Phillips	2.5	TRF	1250-0200
Above class meets at Morgan Hill Community site.						

MATH 233B Second Half of Intermediate Algebra

Transferable: No; GAV-GE:B4

This course will start with a review factoring polynomials, and then cover the following topics with an emphasis on applications and problem solving strategies: solving polynomial equations by factoring; adding, subtracting, multiplying, dividing and simplifying rational expressions and solving rational equations; adding, subtracting, multiplying, dividing and simplifying roots, radicals and complex numbers and solving radical equations; working with composition of functions and inverse functions, working with exponential and logarithmic functions, equations and expressions; employing various methods of solving quadratic equations and inequalities; and graphing quadratic functions. PREREQUISITE: Completion of MATH 233A with a grade of 'C' or better.

10686	Lec	LS101	M Buchanan	2.5	TR	0230-0340
	Lec	SS206	M Buchanan		F	1250-0200
10687	Lec	LS101	K Wagman	2.5	MWF	1120-1230



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

MATH 400 Elements of Arithmetic

Transferable: No

This course covers essential arithmetic operations, whole numbers, integers, fractions, decimals, ratio, proportion, percent, applications of arithmetic, and critical thinking, as well as math-specific study skills. This is a pass/no pass course, with pass being given for mastery of the content. Units earned in this course do not count toward the associate degree and/or other certain certificate requirements.

10663	L/L	MA102	S STAFF	3.0	MW	0810-0905
	L/L	LS103	S STAFF		TR	0810-0905
10664	L/L	PS101	D Lawson	3.0	MWF	0945-1055
10665	L/L	SS206	A Arid	3.0	TR	0600-0805

MATH 402 Pre-Algebra

Transferable: No

This course covers operations with integers, fractions and decimals and associated applications, percentages, ratio, and geometry and measurement, critical thinking and applications. Elementary algebra topics such as variables, expressions, and solving equations are introduced. This is a pass/no pass course where pass is given for mastery of the above topics. PREREQUISITE: Completion of Math 400 with a grade of 'Pass' or with a 'C' or better, or assessment test recommendation.

10671	L/L	LS101	T Sanford	3.0	TR	1120-1249
	L/L	PS105	T Sanford		F	1120-1249
10672	Lec	MA103	E Dachkova	3.0	MW	1120-1249
	Lab	PS102	E Dachkova		F	1120-1249
10673	L/L	MA102	L Robledo	3.0	MW	0600-0825
10674	L/L	LS101	J Phillips	3.0	MTWR	1005-1110
10675	L/L	PS105	J Nari	3.0	MW	0230-0335
	L/L	SS206	J Nari		TR	0230-0335

MUSIC

MUS 1A Music History and Literature

Transferable: CSU, UC; CSU-GE:C1, IGETC:3A; GAV-GE:C1; CAN:MUS8

A survey of the development of music in western civilization including representative composers from the Medieval to the present. Music 1A will study the music and styles from the Medieval to the Romantic period. ADVISORY: Eligible for English 250 and English 260.

10463	Lec	MU101	P Collins	3.0	MW	0945-1105
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ALGEBRA BOOT CAMP IN AUGUST!

This free seminar meets Aug. 13-17 from 9:00 am - 3:00 pm.

Get ready for your fall classes.

Whether you are a student who needs more practice in understanding foundational elements of algebra or you just need a brush up on the basics of algebra, this boot camp is for you.

This seminar is a one week, six hour a day, math boot camp, where students will develop or redevelop a solid understanding of algebraic concepts. It is designed for those students who want to learn, or re-learn, the basic concepts of algebra. The primary emphasis is on solving equations, graphing, factoring, and word problems.

This is an absolutely free, fun summer math program. To save a space, please email edachkova@gavilan.edu before May 27th. First 25 students will be registered.

CRN	Type	Room	Instructor	Units	Days	Times	Dates
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MUS 3A Harmony - Theory - Musicianship							
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Transferable: CSU, UC; CSU-GE:C1; GAV-GE:C1

Fundamentals of music, beginning harmony. ADVISORY: Must be taken in sequence.

10483	L/L	MU101	N Vasallo	4.0	TR	0945- 1150	
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MUS 4A Beginning Piano							
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Transferable: CSU, UC; CSU-GE:C1; GAV-GE:C1

Introduction to music fundamentals and keyboard technique. Development of beginning keyboard skills including note reading in bass and treble clef, fingering, rhythm, key signatures, primary chords and inversions. ADVISORY: Must be taken in sequence.

10484	L/L	MU102	M Amirghanian	3.0	MW	0900- 1105	
10485	L/L	MU102	M Amirghanian	3.0	TR	0900- 1105	
10486	L/L	MU102	M Amirghanian	3.0	MW	1120- 0125	

MUS 4B Beginning Piano							
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Transferable: CSU, UC; GAV-GE:C1

Continuation of Music 4A. ADVISORY: Music 4A

10488	L/L	MU102	M Amirghanian	2.0	TR	1120- 1240	
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MUS 5A Intermediate Piano							
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Transferable: CSU, UC; GAV-GE:C1

Development of intermediate keyboard skills through means of scales, chords, and technical studies. Continuation of music fundamentals and beginning keyboard harmony; introduction of easier classical and standard piano literature. ADVISORY: Music 4B

10489	L/L	MU102	M Amirghanian	2.0	TR	1120- 1240	
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MUS 5B Intermediate Piano							
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Transferable: CSU, UC; GAV-GE:C1

Development of intermediate keyboard skills through means of scales, chords and technical studies. Continuation of music fundamentals and beginning keyboard harmony; introduction of easier classical and standard piano literature. ADVISORY: Music 5A

10490	L/L	MU102	M Amirghanian	2.0	TR	1120- 1240	
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MUS 5C Advanced Piano							
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Transferable: CSU, UC; GAV-GE:C1

Development of advanced keyboard skills through means of scales, chords and technical studies. Continuation of music fundamentals and keyboard harmony; introduction of moderately difficult classical and standard piano literature. ADVISORY: Music 5B

10491	L/L	MU102	M Amirghanian	2.0	TR	1120- 1240	
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MUS 5D Advanced Piano							
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Transferable: CSU, UC; GAV-GE:C1

Development of advanced keyboard skills through means of scales, chords and technical studies. Continuation of music fundamentals and keyboard harmony; introduction of moderately difficult classical and standard piano literature. ADVISORY: Music 5C

10492	L/L	MU102	M Amirghanian	2.0	TR	1120- 1240	
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CRN	Type	Room	Instructor	Units	Days	Times	Dates
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MUS 6 Introduction to World Music							
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Transferable: CSU, UC; CSU-GE:C1, IGETC:3A; GAV-GE:C1, F

This course explores a broad and diverse survey of different non Western music cultures, helping students develop listening skills to identify, distinguish and appreciate the elements and richness of each culture's music. The course will cover a rich diversity of styles through informed listening, analysis and discernment of musical elements, form and repertoire. Music of various cultures will be explored, for example: India, China, Japan, the Middle East, Indonesia, Africa, Europe and the Americas.

10493	Lec	MU101	P Collins	3.0	MW	0810- 0930	
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MUS 7 Songwriting and Composition							
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Transferable: CSU, UC

This course is an introduction to modern song writing techniques. Students will learn to create their own musical compositions. Approaches to contemporary issues in song writing including development of melodic, lyrical, and rhythmic ideas will be studied. In addition, students will learn strategies for promoting their songs in the contemporary music marketplace as well as basic concepts of intellectual property right protection. While recommended, no prior formal musical education is required.

10494	Lec	MU102	N Vasallo	3.0	TR	1250- 0210	
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MUS 8A Beginning Voice							
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Transferable: CSU, UC; GAV-GE:C1

Development of techniques in the art of singing and interpreting serious music in various styles. Study of the basic techniques of tone production, breathing and related skills. Basic repertoire development. ADVISORY: Continues in sequence or by demonstrated proficiency.

10495	L/L	MU101	N Pruitt	2.0	TR	1250- 0210	
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MUS 8B Beginning Voice							
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Transferable: CSU, UC; GAV-GE:C1

Development of techniques in the art of singing and interpreting serious music in various styles. Study of the basic techniques of tone production, breathing and related skills. Basic repertoire development. ADVISORY: Music 8A or demonstrated proficiency.

10496	L/L	MU101	N Pruitt	2.0	TR	1250- 0210	
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MUS 8C Intermediate Voice							
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Transferable: CSU, UC; GAV-GE:C1

Development of techniques in the art of singing and interpreting serious music in various styles. Study of the basic techniques of tone production, breathing and related skills. Basic repertoire development. ADVISORY: Music 8B or demonstrated proficiency.

10497	L/L	MU101	N Pruitt	2.0	TR	1250- 0210	
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MUS 8D Intermediate Voice							
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Transferable: CSU, UC; GAV-GE:C1

Development of techniques in the art of singing and interpreting serious music in various styles. Study of the basic techniques of tone production, breathing and related skills. Basic repertoire development. ADVISORY: Music 8C or demonstrated proficiency.

10498	L/L	MU101	N Pruitt	2.0	TR	1250- 0210	
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CRN Type Room Instructor Units Days Times Dates

MUS 9A Guitar

Transferable: CSU, UC; GAV-GE:C1

An introduction to playing the guitar. Basic staff notation, correct fingering and chord arpeggios are covered. Emphasis is also placed on developing musical listening skills. Students must provide their own guitars. May be repeated once for credit. **ADVISORY:** Students must provide their own guitars.

10500	Lab	AR103	A Marques	1.0	T	0600- 0905
10501	Lab	TH125	T Montoya	1.0	MW	0945- 1105

MUS 9B Guitar

Transferable: CSU, UC; GAV-GE:C1

An introduction to playing the guitar. Basic staff notation, correct fingering and chord arpeggios are covered. Emphasis is also placed on developing musical listening skills. Students must provide their own guitars. May be repeated once for credit. **ADVISORY:** Music 9A; students must provide their own guitars.

10502	Lab	TH125	T Montoya	1.0	MW	0945- 1105
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MUS 12 Vocal Ensemble

Transferable: CSU, UC; GAV-GE:C1

The day Vocal Ensemble will focus on individual and group performance of popular and alternative commercial music, and will rehearse and perform with a backup band. The evening Vocal Ensemble will study, rehearse and perform choral music in a broad spectrum of musical genre and styles. Included will be the study of vocal and rehearsal techniques as they relate to ensemble performance. Course may be repeated three times for credit.

10438	L/L	MU101	B Ruggles	2.0	T	0655- 1000
10439	L/L	MU101	N Pruitt	2.0	M	0130- 0435

MUS 13 Concert Choir

Transferable: CSU, UC; GAV-GE:C1

The Concert Choir will study, rehearse and perform choral music from the 15th century to the present in a variety of musical styles with emphasis on the larger choral works and their preparation for public concert. Course may be repeated three times for credit. **ADVISORY:** Previous choral experience is preferred but not required. The student should have the ability to match a given pitch.

10453	L/L	MU101	B Ruggles	2.0	T	0655- 1000
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MUS 14A Instrumental Ensemble

Transferable: CSU; GAV-GE:C1

Instruction for the experienced musician with emphasis on the study and performance of a wide variety of musical styles from Renaissance to 20th century music for traditional ensembles, and extensive consideration of contemporary commercial and alternative repertoire, and performance techniques for popular ensembles.

10454	L/L	MU101	S Sotelo	2.0	M	0130- 0435
10455	L/L	SOLB7	A Quartuccio	2.0	W	0655- 1000

Above class meets off-campus:

MUS 14B Instrumental Ensemble

Transferable: CSU; GAV-GE:C1

Instruction for the experienced musician with emphasis on the study and performance of a wide variety of musical styles from Renaissance to 20th century music for traditional ensembles, and extensive consideration of contemporary commercial and alternative repertoire, and performance techniques for popular ensembles.

10456	L/L	MU101	S Sotelo	2.0	M	0130- 0435
10457	L/L	SOLB7	A Quartuccio	2.0	W	0655- 1000

Above class meets off-campus:

CRN Type Room Instructor Units Days Times Dates

MUS 14C Instrumental Ensemble

Transferable: CSU; GAV-GE:C1

Instruction for the experienced musician with emphasis on the study and performance of a wide variety of musical styles from Renaissance to 20th century music for traditional ensembles, and extensive consideration of contemporary commercial and alternative repertoire, and performance techniques for popular ensembles.

10458	L/L	MU101	S Sotelo	2.0	M	0130- 0435
10459	L/L	SOLB7	A Quartuccio	2.0	W	0655- 1000

Above class meets off-campus:

MUS 14D Instrumental Ensemble

Transferable: CSU; GAV-GE:C1

Instruction for the experienced musician with emphasis on the study and performance of a wide variety of musical styles from Renaissance to 20th century music for traditional ensembles, and extensive consideration of contemporary commercial and alternative repertoire, and performance techniques for popular ensembles.

10460	L/L	MU101	S Sotelo	2.0	M	0130- 0435
10461	L/L	SOLB7	A Quartuccio	2.0	W	0655- 1000

Above class meets off-campus:

MUS 16A Introduction to Audio Recording Techniques

Transferable: CSU

Survey of basic audio recording techniques and materials including acoustics, signal flow, block diagrams, cue systems, punch-ins, microphones and mic placement, frequency response, reverb, delay and outboard effects, stereo mixing, pre-mixing and actual recording. May be repeated once for credit.

10462	Lec	MU101	S Sotelo	3.0	W	0130- 0435
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MUS 21 Electronic Music / Sound Design

Transferable: CSU; GAV-GE:C1

Fundamentals of electronic music synthesis using computers. Midi sequencing, digital sound processing, sampling, digital multi-track recording utilizing the college's state of the art midi studio. May be repeated three times for credit. **ADVISORY:** Eligible for English 250, 260 and Mathematics 205.


10464	Lec	LI128	S Sotelo	3.0	MW	0810- 0930
	Lab	LI128	S Sotelo		F	0800- 0955

MUS 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.

10465	Fld Ex	MU101	A Quartuccio	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.

CRN Type Room Instructor Units Days Times Dates

MUS 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.

10466	Ind	MU101	S Sotelo	1.0		
10467	Ind	MU101	N Vasallo	1.0		
10468	Ind	MU101	B Ruggles	1.0		
10469	Ind	MU101	N Pruitt	1.0		
10470	Ind	MU101	T Montoya	1.0		
10471	Ind	MU101	A Quartuccio	1.0		
10472	Ind	MU101	M Amirkhanian	1.0		
10473	Ind	MU101	P Collins	1.0		
10474	Ind	MU101	S Sotelo	2.0		
10475	Ind	MU101	N Vasallo	2.0		
10476	Ind	MU101	B Ruggles	2.0		
10477	Ind	MU101	N Pruitt	2.0		
10478	Ind	MU101	T Montoya	2.0		
10479	Ind	MU101	A Quartuccio	2.0		
10480	Ind	MU101	M Amirkhanian	2.0		
10481	Ind	MU101	P Collins	2.0		

MUS 26 Symphony

Transferable: CSU, UC; GAV-GE:C1

Study and performance of orchestral literature. Individual and sectional skills development. Perform in public concerts each semester. May be repeated until a maximum of 8 units are accrued. **ADVISORY:** Demonstrated proficiency on individual's instrument and ability to read music.

10482	L/L	SOLB7	A Quartuccio	2.0	W	0655- 1000
Above class meets off-campus:						

MUS 98 Special Topics

Transferable: CSU; GAV-GE:C1

Special topics courses examine current problems or issues of interest to students within a specific discipline area. For topical content information, consult with appropriate department chairperson. For transfer status, check with a counselor. This course may have the option of a letter grade or pass/no pass.

10499	Lec	SOLB7	A Quartuccio	3.0	W	0655- 1000
Above class meets off-campus:						

MUS 190 Occupational Work Experience / Commercial Music

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.

10777	Wrk Ex	LI101A	S Sweeney	1.0		
10778	Wrk Ex	LI101A	S Sweeney	2.0		
10779	Wrk Ex	LI101A	S Sweeney	3.0		
10780	Wrk Ex	LI101A	S Sweeney	4.0		

CRN Type Room Instructor Units Days Times Dates

PHILOSOPHY

PHIL 1 Introduction to Philosophy

Transferable: CSU, UC; CSU-GE:C2, IGETC:3B; GAV-GE:C2; CAN:PHIL2

Philosophy 1 is intended as a survey of the major areas and traditions of philosophy. The course examines central and significant questions about the meaning of life, who determines what is morally right or wrong, the ideal society, the various notions social justice, what is reality, and many other ideas. In pursuing these questions, students will be asked to read texts from writers around the world, both contemporary and ancient, discuss current events, and apply 'theory' to movies such as "The Matrix" trilogy, novels, and any other relevant application of the student's own choice. **ADVISORY:** Eligible for English 1A.

10503	Lec	MHG13	G Grudzen	3.0	MW	0230- 0350
Above class meets at Morgan Hill Community site.						
10504			T Le	3.0		

PHIL 2 Logic

Transferable: CSU, UC; CSU-GE:A3; GAV-GE:C2; CAN:PHIL6

Philosophy 2, Introduction to Logic, is intended as a survey of the primary approaches to argumentation and what has been traditionally called 'correct' reasoning. Learners will learn techniques of both deductive and inductive argumentation, how to spot a fallacy, as well as how to apply these techniques to other aspects of their lives outside the classroom. While logic is often quite formal, the goal is to see the practical application of this discipline. Additionally, learners will become acquainted with the cultural variations to reasoning in addition to the standard Western focal approach **ADVISORY:** Eligible for English 1A.

10505	Lec	AR103	S STAFF	3.0	W	0600- 0905
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PHIL 3A Ethics

Transferable: CSU, UC; CSU-GE:C2, IGETC:3B; GAV-GE:C2; CAN:PHIL4

Philosophy 3 is intended as a survey of the major areas and traditions of ethical and moral theories. The course examines central and significant questions about who determines what is morally right or wrong, the ideal society, the various notions social justice, moral agency and action in our lives and community, as well as many other topics. In pursuing these questions, students will be asked to read texts from writers around the world, both contemporary and ancient, discuss current events, and apply 'theory' to movies, novels, and any other relevant application of the student's own choice. **ADVISORY:** Eligible for English 1A.

10508	Lec	AR103	J Provost	3.0	MW	1120- 1240
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PHIL 4 Critical Thinking and Writing

Transferable: CSU, UC; CSU-GE:A3, IGETC:1B; GAV-GE:C2

This course is designed to introduce the relationship between critical thinking and critical writing in a way that will be both enjoyable to the student and helpful in other aspects of life. The student will learn techniques of critical thinking, playing close attention to the current events, movies and popular media, music lyrics, as well as the textbook. Students will learn to identify deductive and inductive arguments and be able to evaluate their strength, create a strong argument of their own on a given topic, as well become experts in the area of critical analysis. The goal is to enable students to become strong, well informed, articulate members of the community as well as individuals with an empowered sense of self as an agent of change. **PREREQUISITE:** English 1A

10509	Lec	HOL4	C Kinney	3.0	TR	1120- 1240
Above class meets at the Hollister Briggs site.						
10510	Lec	AR103	J Provost	3.0	MW	0945- 1105

CRN Type Room Instructor Units Days Times Dates

PHIL 6 Comparative Religions

Transferable: CSU, UC; CSU-GE:C2, IGETC:3B; GAV-GE:C2, F

Religion is a topic that ignites controversy -- most societies engage in religious practices, believe strongly in that tradition, and find a sense of identity within it. The controversy arises when differences are misunderstood, misrepresented, or placed in a hierarchy of assumed supremacy of one religion as superior to others. In this class, students explore the underlying commonality of various religious traditions, explore the uniqueness of the religions with which they are unfamiliar, and learn to see that diversity among beliefs doesn't have to create hostility. Students will explore religions from Indigenous Peoples throughout the world, East Asia (e.g. India), China, the Middle East, as well as some more recent trends in religion. Previously known as PHIL 6A. **ADVISORY:** Eligible for English 1A.

10511	Lec	HU102	C Kinney	3.0	TR	0230- 0350
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PHIL 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.

10506	Ind	SS	C Kinney	1.0		
10507	Ind	SS	C Kinney	2.0		

PHYSICAL EDUCATION - ADAPTED

APE 34 Adapted Aquatic Exercise

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

This course is designed to help individuals who by the nature of their disability such as wheelchair use, back injury, cardiovascular impairment, multiple sclerosis or other disabling condition require a specific aquatic exercise program that will contribute to their physical well-being. May be repeated as necessary based on measurable progress as documented in the student's educational contract. This course has the option of a letter grade or pass/no pass. Previously known as PE 34.

10267	Lab	GYPOOL	K Sato	1.0	MW	0810- 0930
10268	Lab	GYPOOL	K Sato	1.0	MW	1250- 0210
10269	Lab	GYPOOL	K Sato	1.0	TR	1120- 1240

APE 35 Adapted Swimming for Total Fitness

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

An individualized program of activities designed for students with physical disabilities to improve flexibility and range-of-motion, increase joint movement, improve circulation, and improve control of body movement through water adjustment and activities. Develops an appreciation of physical activity as a regular planned contribution to one's basic overall well-being. May be repeated as necessary based on measurable progress as documented in the student's educational contract. This course has the option of a letter grade or pass/no pass. Previously known as PE 35.

10270	Lab	GYPOOL	K Sato	1.0	MW	0810- 0930
10271	Lab	GYPOOL	K Sato	1.0	MW	1250- 0210
10272	Lab	GYPOOL	K Sato	1.0	TR	1120- 1240

APE 36 Adapted Physical Education

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

An individualized program of adaptive physical education activities designed to meet the needs of students with physical disabilities. Develops an appreciation of physical activity as a regular planned contribution to one's overall well-being. May be repeated as necessary based on measurable progress as documented in the student's educational contract. This course has the option of a letter grade or pass/no pass. Previously known as PE 36.

10273	Lab	APE108	K Sato	1.0	MW	0945- 1105
10274	Lab	APE108	K Sato	1.0	MW	1120- 1240
10275	Lab	APE108	K Sato	1.0	TR	0945- 1105
10276	Lab	APE108	K Sato	1.0	TR	1250- 0210

CRN Type Room Instructor Units Days Times Dates

APE 38 Adapted Cardiovascular Conditioning and Training

Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1

An individualized program of adapted exercises in weight training, stretching and cardiovascular conditioning for those individuals who have been disabled through stroke, cardiovascular accident, arthritis, multiple sclerosis, or other condition. May be repeated as necessary based on measurable progress as documented in the student's educational contract. This course has the option of a letter grade or pass/no pass. Previously known as PE 38.

10277	Lab	APE108	K Sato	1.0	MW	0945- 1105
10278	Lab	APE108	K Sato	1.0	MW	1120- 1240
10279	Lab	APE108	K Sato	1.0	TR	0945- 1105
10280	Lab	APE108	K Sato	1.0	TR	1250- 0210

APE 534 Adapted Aquatic Exercise

Transferable: No

Designed to help individuals who by the nature of their disability such as wheelchair use, back injury, cardiovascular impairment, multiple sclerosis or other disabling condition require a specific aquatic exercise program that will contribute to their physical well being. May be repeated as necessary based on measurable progress as documented in the student's educational contract. This is a pass/no pass course. Previously known as PE 534.

10281	Lab	GYPOOL	K Sato	1.0	MW	0810- 0930
10283	Lab	GYPOOL	K Sato	1.0	MW	1250- 0210
10284	Lab	GYPOOL	K Sato	1.0	TR	1120- 1240

APE 535 Adapted Swimming for Total Fitness

Transferable: No

An individualized program of activities designed for students with physical disabilities to improve flexibility and range-of-motion, increase joint movement, improve circulation, and improve control over body movement through water adjustment and activities. Develops an appreciation of physical activity as a regular planned contribution to one's overall well-being. May be repeated as necessary based on measurable progress as documented in the student's educational contract. This course is pass/no pass. Previously known as PE 535.


10285	Lab	GYPOOL	K Sato	1.0	MW	0810- 0930
10286	Lab	GYPOOL	K Sato	1.0	MW	1250- 0210
10287	Lab	GYPOOL	K Sato	1.0	TR	1120- 1240

APE 536 Adapted Physical Education

Transferable: No

An individualized program of adaptive physical education activities designed to meet the needs of students with physical disabilities. Develops an appreciation of physical activity as a regular planned contribution to one's physical well-being. May be repeated as necessary based on measurable progress as documented in the student's educational contract. This is a pass/no pass course. Previously known as PE 536.

10288	Lab	LOADCS1	K Sato	1.0	MWF	0945- 1055
J Maringer-Cantu						
Above class meets off-campus: Live Oak Adult Day Services, 651 West Sixth St., Gilroy.						
10289	Lab	APE101	K Sato	1.0	MW	0945- 1105
10290	Lab	APE101	K Sato	1.0	MW	1120- 1240
10291	Lab	APE101	K Sato	1.0	TR	0945- 1105
10292	Lab	APE101	K Sato	1.0	TR	1250- 0210

 **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.