Instructor Hrs. Units Days Begin-End

KINESIOLOGY - ACADEMIC

KIN₃ **Introduction to Athletic Training**

Transferable: CSU, UC

An introductory course in athletic training/sports medicine. This course will familiarize the student with basic knowledge and basic skill level needed to become an athletic trainer. The course will cover anatomy/physiology, first aid, rehabilitation, injury recognition/evaluation/ management, report writing/record keeping, facilities maintenance/supply ordering. Also included is hands-on participation at sporting events. Previously listed as PE 3. ADVISORY: Allied Health 30 (may be concurrent) and eligible for English 260.

10729 Lec APE120 H Beymer 3.2 4.0 MW 0945-1105

KIN 10A Fundamentals of Softball

Transferable: CSU. UC

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.

ATHFLDSFT N Dequin 0230-0340 10305 I/I 5.6 2.0 MTWR

Fundamentals of Softball KIN 10B

Transferable: CSU, UC

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.

5.6 2.0 MTWR 0230-0340 10306 I/I ATHELDSET N Dequin

KIN 11A Fundamentals of Baseball

Transferable: CSU, UC

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.

ATHFLDBAS N Andrade 2.0 MTWR 0230-0430 10307 L/L

Fundamentals of Baseball KIN 11B

Transferable: CSU, UC

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.

10308 L/L ATHFLDBAS N Andrade 8.0 2.0 MTWR 0230-0430

Fundamentals of Football KIN 12A

Transferable: CSU, UC

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.

10084 L/L APF120 S Gilford 4.0 2.0 MTWR 0330-0430

Fundamentals of Football KIN 12B

Transferable: CSU. UC

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.

10085 L/L APF120 S Gilford 4.0 2.0 MTWR 0330-0430



Appropriate footwear is required in all gym facilities. No bare feet permitted.



must be enrolled in and attending a minimum of 12 units during the first season of competition with a minimum of nine units applying towards a degree program.

For more information, contact the Athletic Department at 848-4876.

Football Men's Soccer Men's Basketball Women's Volleyball

Fall's Activity Classes...

Bowling

Cardio Fitness

Golf

Hiking

Individual Weight Training

Circuit Training

Kickboxing for Fitness

Pilates

Swim for Fitness

Swimming

Tennis

Yoga

Work in print and online

Earn units toward a Media Arts Degree

Learn new writing, research and design skills

Get published and build a portfolio of your work

Gain work experience that will help you land a good job

Become part of a team

Support free speech at Gavilan College!



MAKE SOMETHING HAPPEN! LEARN SOMETHING NEW!

JOUR 10 Mass Media & Society

What impact do mass media have on our society and on our world?

JOUR 18A-D Working on the Newspaper

Become a staff member of The Gavilan Press, Gavilan's independent student newspaper, in print and online!

Instructor CRN Type Room Hrs. Units Days

Fundamentals of Basketball KIN 14A

Transferable: CSU, UC; 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.

10309 L/L APF120 T Addison 2.0 MW 0430-0615

KIN 14B Fundamentals of Basketball

Transferable: CSU, UC: 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.

10323 L/L APE120 T Addison 3.8 2.0 MW 0430-0615

KINESIOLOGY - ACTIVITIES

KIN Activity classes can be taken for letter grade or pass/no pass.

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.

10331 Lab GYPOOL S Dodd 3.2 1.0 MW 1120-1240

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.

10345 Lab GGOLFCOUR N Andrade 3.0 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.

10355 Lab ATHFLDTEN K Kramer 3.2 1.0 MW 1250-0210

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.

10357 Lab GIBOWL J Lango 3.2 1.0 TR 0810-0930 Above class meets off-campus: Above 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 KIN 21

10714 Lab GYGYM K Kramer 3.2 1.0 TR 1250-0210

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.

10359 ARR GY116 S Dodd 2.0

This course is designed for Physical Education 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.

10363 Lab GYFITCNTR S Dodd 14.0 1.0

Students should check in during the first week of the semester at the Gym in the Fitness Center during lab hours (MWF: 7 am-2:30 pm, TuTh: 8 am-2:30 pm, M–Th: 4:30-7:00 pm).

10417 Lab GYFITCNTR S Dodd 14.0 .5

Students should check in during the first week of the semester at the Gym in the Fitness Center during lab hours (MWF: 7 am-2:30 pm, TuTh: 8 am-2:30 pm, M–Th: 4:30-7:00 pm).

CRN Type Room Instructor Hrs. Units Days Begin-End

ONLINE CLASSES: You must have an email account to take an online course. 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.

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.

10584 Lab GYPOOL S Dodd 3.2 .5 TR 0515-0635 08/31/11 - 10/19/11

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.

10021 Lab MHG10 M Watson 3.2 MW 0500-0620 Above class meets at Morgan Hill Community site. 10715 Lab APF101 E Falvey 3.1 1.0 MW 1251-0210 PORTHL 10716 Lab D Muscari 3.2 1.0 TR 0500-0620 Above class meets off-campus: Class location: Portuguese Hall, 695 Seventh Street, Hollister, CA.

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.

10725 Lab GYFITCNTR S Dodd 14.0 1.0

Students should check in during the first week of the semester at the Gym in the Fitness Center during lab hours (MWF: 7 am-2:30 pm, TuTh: 8 am-2:30 pm, M–Th: 4:30-7:00 pm).

0727 Lab GYFITCNTR S Dodd 14.0 .5

Students should check in during the first week of the semester at the Gym in the Fitness Center during lab hours (MWF: 7 am-2 pm, TuTh: 8 am-2 pm, M–Th: 4:30-6:30 pm).

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.

10713 Lab APE101 E Falvey 3.2 1.0 TR 1120-1240

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.

10731 Lab APE101 D Muscari 3.2 1.0 TR 1250-0210

KIN 74 Hiking

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

Introduces the Santa Clara 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.

10732 Lab GYGYM N Dequin 3.0 1.0 F 0810-1100

Management Fall 2011

CRN Room Instructor Hrs. Units Days Begin-End

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.

GYFITCNTR J Lango 10733 Lab 18.0 1.0

This class is designed for members of intercollegiate athletic teams at Gavilan College. Studentathletes must check in during the first week of the semester with their team's head coach. Work-out hours will vary by sport.

10734 Lab GYFITCNTR J Lango 12.0 .5

This class is designed for members of intercollegiate athletic teams at Gavilan College. Studentathletes 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

Transferable: CSU; CSU-GE:E

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.

10441 Lab N Dequin 1.0 1120-1240



KIN 82 Circuit Training

Transferable: CSU

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.

10712 Lab GYGYM N Andrade 3.2 1.0 TR 1120-1240

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.

10086 Lab **GYGYM** T Addison 10.0 2.0 MTWRF 0230-0429

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.

10302 Lab ATHFLDFTB S Gilford 10.0 2.0 MTWRF 0430-0630

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.

10303 Lab **GYGYM** K Kramer 10.0 2.0 MTWRF 0430-0630

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.

10304 Lab ATHFLDSOC J Johnson 10.0 2.0 MTWRF 0230-0430

Law Enforcement: see also Administration of Justice

Retail Management



Associate's Degree and Certificate of Achievement

Jumpstart your career with Retail Management -- a specially recognized college program designed to prepare individuals for the fast-paced retail industry. The courses help students develop an understanding of the retail manager's job and the requirements for success in the retail environment.

The certificate is composed of ten courses which may be offered in a combination of face to face and distance learning formats.

To complete the Associate's Degree, students must also complete the general education requirements plus sufficient electives to meet a 60 unit total. Topics include:

- Principles of Marketing
- Introduction to Supervision
- Techniques of Management
- Leadership/Human Relations in Business
- Human Resources Management
- Oral Communications
- Business Communications (written)
- Business Mathematics
- Bookkeeping and Accounting
- Survey of Microsoft Office Programs

Questions? Contact Sherrean Carr, Dean of Career Technical Education at 408-848-4719 or scarr@gavilan.edu.

CRN Type Room Instructor Hrs. Units Days Begin-End

LIBRARY

LIB₃ **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.

10297 Online A Sargent 2.0 8/31/11 - 10/25/11 See information on page 92 about online classes.

Web Page Authoring I LIB 6

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.

10855 Online J Howell 2.0 08/31/11 - 10/25/11 See information on page 92 about online classes.

10857 Online J Howell 2.0 10/19/11 - 12/13/11 See information on page 92 about online classes.

MANAGEMENT

MGMT 101 Introduction to Management

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.

10648 Lec BU103 S Kurtz 3.3 3.0 M

MGMT 104 Leadership/Human Relations in Business

Transferable: CSU

This course is designed to aid future employees and employers to understand and utilize human relations concepts as they apply to the business environment. It will cover such area as morale, personal efficiency, leadership, personality, motivation, and communication. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.

10649 Lec BU118 D McCormick 1.5 3.0 MW 1120-1205

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.

Mandatory course orientation for the following classes will be conducted on Sept 9: noon-1 pm, Oct. 11: 4:30-5:30 pm, Nov 8: 8-9 am. Meetings will be held in the Student Center-North/South Lounge. Students must attend one of the three meetings. The last day to add a 4 unit class:10-14, 3 units: 11/4, 2 units: 11/21, 1 unit: 12/1. Go to www.gavilan.edu/cwe for assignments and details. Contact Susan Sweeney, CWE Coordinator at ssweeney@gavilan.edu for more information.

10988	Wrk Ex	LI101A	S Sweeney	1.0
10989	Wrk Ex	LI101A	S Sweeney	2.0
10990	Wrk Ex	LI101A	S Sweeney	3.0
10991	Wrk Ex	LI101A	S Sweeney	3.0

MASS COMMUNICATIONS & TELEVISION

Mass Media: see also JOUR 10, Theatre Arts/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.

10464 Lec LI140 T Widdowson 3.2 3.0 MW 1120-1240

2 MATH BOOT CAMPS coming in August!

Get ready for your fall classes.

This seminar meets August 15-19 from 9:00 am-3:00 pm.

Whether you are a student who needs more practice in understanding foundational elements of algebra and trigonometry or you just need a brush up on the basics of college algebra and 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 algebraic and precalculus concepts. It is designed for those students who want to learn, or re-learn, the basic concepts of college algebra and precalculus. The primary emphasis is on advanced algebra, functions, and trigonometry.

This is an absolutely free fun summer math program. However, the space is limited to 25 people. To save a space please email Jennifer Nari, jnari@gavilan.edu, before July 29.



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.

10465 L/L LI140 J Frazier 5.4 3.0 TR 1250-0315

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.

10466 L/L LI140 J Frazier 5.4 3.0 TR 1250-0315

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.

10467 L/L LI140 J James 3.2 3.0 TR 1120-1240

R Gonzalez

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,

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.

10038 Lec MA103 J Nari 4.2 4.0 MWF 0100-0220

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

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.

10039 Lec LS101 L Wolff 2.3 M 0600-0805 Lec PS102 L Wolff 2.3 4.0 W 0600-0805

MATH 414 - Basic Math Skills Bootcamp

CRN 80170 - 8/15-8/20

This 1 unit class meets Monday-Friday from 8 am - 3:30 pm & Saturday from 7:30 am - 2 pm. This is a summer class. See page 47.

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. This course is a one week, nine hour a day, math boot camp, where 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. This course may be repeated three times for credit. This is a pass/no pass course. Units earned in this course do not count toward the associate degree and/or certain certificate requirements.

Fall 2011

CRN Type Room Instructor Hrs. Units Days Begin-End

ONLINE CLASSES: You must have an email account to take an online course. 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.

Multivariable Calculus MATH 1C

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.

10040 Lec MA102 D Kim 4.0 4.0 TR 0400-0600

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.

10095	L/L L/L	PS105 MA101	H Jukl H Jukl	3.2 1.0	3.0	TR F	0810-0930 0810-0900
10094	L/L L/L L/L	MA103 MA103 MA101	J Nari J Nari J Nari	2.3 1.3 1.0	3.0	M W W	0240-0445 0240-0345 0355-0445
10096	L/L	PS102	N Wadia	4.6	3.0	TR	0600-0805
10097 Abo	L/L ove class	MHG12 meets at Morg	A Viarengo an Hill Community	4.6 site.	3.0	MW	0600-0805

10098 Online R Knight 3.0 See information above about online classes.

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.

10099 Lec LS102 S Dharia 3.2 3.0 TR 0810-0930

First Half of Precalculus MATH 8A

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.

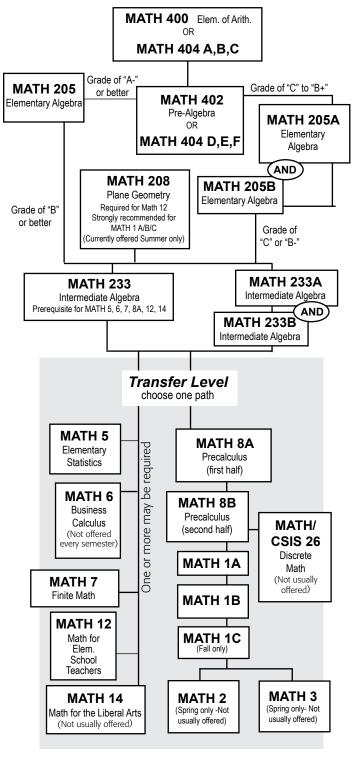
10100	Lec Lec	PS105 SS206	S Dharia S Dharia	2.8 1.4	4.0	TR F	0945-1055 0945-1055
10101	Lec	SS206 LS101	H Jukl H Jukl	2.8	4.0	TR F	1250-0200

Have you met the prerequisite?

It's required!

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.

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.

10102 Lec PS105 A Washburn 4.6 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.

10037 Lec MHG10 P Staten 3.3 3.0 M 0630-0935 Above class meets at Morgan Hill Community site.

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.

10026 Lec	MA103	M Dresch	5.0	5.0	MTWRF	0810-0905	
10028 Lec	MA103	G Fuller	5.2	5.0	MTWR	0945-1050	
10031 Lec	PS105	R Potter	5.2	5.0	MTWR	1120-1225	
10029 Lec Lec Lec Lec	LS103 PS102 MA102 MA102	E Dachkova E Dachkova E Dachkova E Dachkova	1.3 2.6 1.3 5.2	5.0	M TR F MTRF	1250-0155 1250-0155 1250-0155 0220-0325	
10035 Lec Lec	LS101 MA103	K Wagman K Wagman	2.6 2.6	5.0	MW TR	1250-0155 1250-0155	
10027 Lec Above ck	MHG13 ass meets at Mor	S Kercheval gan Hill Communit	5.2 ty site.	5.0	MTWR	1250-0155	
10030 Lec Above cla	HOL4 ass meets at the	J Malokas Hollister Briggs site	5.2 e.	5.0	MTWR	1250-0155	
10033 Lec Above cla	HOL4 ass meets at the l	R Bates Hollister Briggs site	5.4 e.	5.0	TR	0600-0825	
10034 Lec Above cla	MHG13 ass meets at Mor	A Sioshansi gan Hill Communit	5.4 ty site.	5.0	TR	0600-0825	

CRN Type Room Instructor Hrs. Units Days Begin-End

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.

10042	Lec	LS101	D Lawson	4.8	2.5	MWF	0810-0930
10043	Lec	MA103	H Jukl	4.2	2.5	TRF	1120-1230
10044	Lec	MA103	A Arid	4.6	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.

10047	Lec Lec	PS102 LS102	Staff Staff	2.8 1.4	2.5	MW F	1250-0200 1250-0200
10046	Lec Lec	PS102 MA102	E Dachkova E Dachkova	2.8 1.4	2.5	TR F	0400-0510 1120-1230

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.

10048 Lec	SS206	G Fuller	5.0	5.0	MTWRF	0810-0905	
10050 Lec Lec	SS206 SS206	L Wills L Wills	2.6 2.6	5.0	MW TR	0945-1050 0945-1050	
10054 Lec Lec Lec * Optional	SS206 SS206 SS206 SS206 I tutoring session	M Dresch M Dresch M Dresch M Dresch	4.5 .5 .8 1.5	5.0	MWR T T F	1120-1235 1120-1155 1156-1245* 1120-1235*	
10052 Lec	PS105	R Potter	5.2	5.0	MTWR	1250-0155	
10051 Lec Above cla	HOL2 ass meets at the	R Bates Hollister Briggs si	5.2 te.	5.0	MTWR	1250-0155	
10049 Lec Above cla	MHG10 ass meets at Mor	Staff gan Hill Commur	5.2 nity site.	5.0	MTWR	1250-0155	
10053 Lec	MA103	M Grover	5.4	5.0	TR	0600-0825	



FREE TUTORING!

Services for Gavilan Students:

Free Tutoring for MATH > Free Computer Assistance

For daily schedule or for free Math downloads, check our website - http://www.gavilan.edu/math/mathlab/index.html/

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.

10055	Lec Lec	PS102 HU105	K Wagman K Wagman	2.8 1.4	2.5	MW F	0945-1055 0945-1055
10060 Abo		MHG11 meets at Morga	D Wisneski an Hill Community	4.2 site.	2.5	TRF	1250-0200
10056	Lec	SS206	J Nari	4.6	2.5	MW	0600-0805

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.

10063	Lec	LS103	K Wagman	4.2	2.5	MWF	1120-1230
10061	Lec	PS102	M Buchanan	2.8	2.5	TR	0230-0340
	Lec	PS105	M Buchanan	1.4		F	1250-0200

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.

10064	L/L	MA102	L Wills	4.0	3.0	MTWR	0810-0905
10065	L/L	LS103	D Lawson	4.2	3.0	MWF	0945-1055
10066	L/L	SS206	A Arid	4.6	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.

10825	L/L L/L	LS101 LS102	M Dresch M Dresch	3.9 1.3	3.0	MTR W	1005-1110 1005-1110
10081	L/L	LS102	A Furutani	5.3	3.0	TRF	1120-1249
10082	L/L L/L	MA103 PS105	J Nari J Nari	3.5 1.7	3.0	MW F	1120-1249 1120-1249
10827	L/L L/L	PS105 SS206	Staff Staff	2.6 2.6	3.0	MW TR	0230-0335 0230-0335
10083	L/L	MA102	Staff	5.4	3.0	MW	0600-0825

Medical Terminology: see Business Office Technology (BOT)



MUS 7 Songwriting and Composition

If you're an accomplished or aspiring songwriter, this class is for you! You will learn how to turn your ideas into the four basic elements of a song: lyrics, melody, rhythm and form. From there you'll see the process that goes into using those elements to

Music Composition and Production Certificate of Achievement

This certificate program prepares students for a creative career in the music industry. The program has an entrepreneurial and creative focus emphasizing an industry trend requiring artists to be responsible for complete project development. The music composition program prepares students for one of the many careers in the music industry including: Music Production, Music Synthesis, Songwriting, Contemporary Writing and Production, Film Scoring and more.



CRN Type Room Instructor Hrs. Units Days Begin-End

build your song.

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.

10480 Lec MU101 N Vasallo 3.2 3.0 TR 1120-1240

Harmony - Theory - Musicianship MUS 3A

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

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

10500 L/L P Collins 4.6 4.0 MW 1120-0125

MUS 4A Beginning Piano

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.

10501	L/L	MU102	M Amirkhanian	4.6	3.0	MW	0900-1105
10502	L/L	MU102	M Amirkhanian	4.6	3.0	TR	0900-1105
10504	L/L	MU102	M Amirkhanian	4.6	3.0	MW	1120-0125
10503	L/L	MU102	S Rathmell	4.3	3.0	М	0530-0935

MUS 4B **Beginning Piano**

Transferable: CSU, UC; GAV-GE:C1

Continuation of Music 4A. ADVISORY: Music 4A

10506	L/L	MU102	M Amirkhanian	3.2	2.0	TR	1120-1240
10505	L/L	MU102	S Rathmell	4.3	2.0	M	0530-0935

MUS 5A Intermediate Piano

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

MU102 M Amirkhanian 3.2 2.0 TR 10508 L/L

1120-1240 10507 L/L MU102 S Rathmell 4.3 2.0 M 0530-0935

MUS 5B **Intermediate Piano**

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

10510 L/L MU102 M Amirkhanian 3.2 2.0 TR 1120-1240 0530-0935 10509 L/L MU102 S Rathmell 4.3 2.0 M

MUS 5C **Advanced Piano**

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

10512 L/L MU102 M Amirkhanian 3.2 2.0 TR 1120-1240 MU102 S Rathmell 4.3 2.0 M 0530-0935 10511 I/I

MUS 5D **Advanced Piano**

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

MU102 M Amirkhanian 3.2 2.0 TR 1120-1240 10514 L/L 10513 L/L MU102 S Rathmell 2.0 0530-0935 4.3

MUS 6 **Introduction to World Music**

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

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.

10894 Lec MU101 P Collins 3.2 3.0 MW 0945-1105



Songwriting and Composition

Transferable: CSU

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 stategies 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.

10515 Lec MU102 N Vasallo 3.2 3.0 TR 1250-0210

MUS 8A Beginning Voice

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.

10516 L/L MU101 N Pruitt 3.2 2.0 TR 1250-0210 CRN Type Room Instructor Hrs. Units Days Begin-End

MUS 8B **Beginning Voice**

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.

10517 I/I MU101 N Pruitt 3.2 2.0 TR 1250-0210

MUS 8C Intermediate Voice

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.

10518 L/L MU101 3.2 2.0 TR 1250-0210

MUS 8D Intermediate Voice

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.

10519 L/L MU101 N Pruitt 3.2 2.0 TR 1250-0210

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.

10521 Lab AR103 T Montova 3.3 1.0 M 0530-0835

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.

10522 Lab AR103 T Montoya 3.3 1.0 M 0600-0905

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.

MU101 N Pruitt/S Sotelo 3.3 0130-0435 10469 L/L 2.0 MU101 10468 L/L B Ruggles 3.3 2.0 T 0655-1000

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.

10470 I/I MU101 B Ruggles 3.3 2.0 T 0655-1000

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.

10471 I/I MU101 N Pruitt/S Sotelo 3.3 2.0 M 0130-0435 SOLB7 10472 L/L A Quartuccio 3.3 2.0 W 0655-1000 Above class meets at Solorsano Middle School, 7121 Grenache Way, Gilroy.

Instrumental Ensemble MUS 14B

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.

N Pruitt/S Sotelo 3.3 2.0 M 10473 L/L MU101 0130-0435 10474 L/L SOLB7 A Quartuccio 3.3 2.0 W 0655-1000 Above class meets at Solorsano Middle School, 7121 Grenache Way, Gilroy.

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.

10475 L/L MU101 N Pruitt 3.3 2.0 M 0130-0435 S Sotelo 176 L/L SOLB7 A Quartuccio 3.3 2.0 W 06 Above class meets at Solorsano Middle School, 7121 Grenache Way, Gilroy, 10476 L/L 0655-1000

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.

10477 L/L MU101 N Pruitt 0130-0435 3.3 2.0 M S Sotelo A Quartuccio 3.3 2.0 W Above class meets at Solorsano Middle School, 7121 Grenache Way, Gilroy.

Introduction to Audio Recording Techniques MUS 16A

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.

10479 Lec MU101 S Sotelo 3.3 3.0 W 0130-0435

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

10481 ARR S Sotelo 0810-0930 3.0

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.

10482 Fld Ex MU101 A Quartuccio

Your educational plan:

You are expected to take the responsibility for scheduling an appointment with a counselor, preferably at least once a semester. The purpose of this appointment is to develop, review and update your educational plan to ensure that you are taking the appropriate courses to meet your educational goal.



MUS 12

Vocal Ensemble

MUS 14A Instrumental **Ensemble**

MUS 16A Introduction to **Audio Recording Techniques**

Play:

Rock & Roll

Jazz

Blues

Top Hits Classics

Your original songs!



Protools Recording Studio

CRN Type Room Instructor Hrs. Units Days Begin-End

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.

10483	Ind	MU101	S Sotelo	1.0
10484	Ind	MU101	N Vasallo	1.0
10485	Ind	MU101	B Ruggles	1.0
10486	Ind	MU101	N Pruitt	1.0
10487	Ind	MU101	T Montoya	1.0
10488	Ind	MU101	A Quartuccio	1.0
10489	Ind	MU101	M Amirkhanian	1.0
10490	Ind	MU101	P Collins	1.0
10491	Ind	MU101	S Sotelo	2.0
10492	Ind	MU101	N Vasallo	2.0
10493	Ind	MU101	B Ruggles	2.0
10494	Ind	MU101	N Pruitt	2.0
10495	Ind	MU101	T Montoya	2.0
10496	Ind	MU101	A Quartuccio	2.0
10497	Ind	MU101	M Amirkhanian	2.0
10498	Ind	MU101	P Collins	2.0
10721	Ind	MU101	S Rathmell	1.0
10723	Ind	MU101	S Rathmell	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

music.

10499 L/L SOLB7 A Quartuccio 3.3 2.0 W 0655-1000 Above class meets at Solorsano Middle School, 7121 Grenache Way, Gilroy.

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.

10520 Lec SOLB7 A Quartuccio 3.3 1.0 W 0655-1000 Above class meets at Solorsano Middle School, 7121 Grenache Way, Gilroy.

Nursing: see Allied Health
Nutrition: see Biological Sciences
Performing Arts: see Mass Communications & Television
Theatre Arts (THEA)

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.

10530 Lec MHG13 G Grudzen 3.2 3.0 MW 0945-1105 Above class meets at Morgan Hill Community site.

10531 Online E Hodge 3.0 See information above about online classes.

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.

10532 Lec AR103 C Kinney 3.3 3.0 T 0600-0905

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.

10537 Lec AR103 E Hodge 3.2 3.0 MW 1120-1240

CRN Type Room Instructor Hrs. Units Days Begin-End

ONLINE CLASSES: You must have an email account to take an online course. 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.

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

 10539
 Lec
 AR103
 E Hodge
 3.2
 3.0
 MW
 0945-1105

 10538
 Lec
 HOL1
 E Hodge
 3.2
 3.0
 TR
 1120-1240

 Above class meets at the Hollister Briggs site.

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.

10540 Lec SS205 E Hodge 3.2 3.0 TR 0230-0350

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.

10533	Ind	SS101	E Hodge	1.0
10534	Ind	SS101	C Kinney	1.0
10535	Ind	SS101	E Hodge	2.0
10536	Ind	SS101	C Kinney	2.0

Photography: see Art, CSIS or Digital Media
Physical Education & Intercollegiate Athletics: See
Kinesiology (KIN)

Be Aware

You MAY NOT take courses that overlap (courses that meet at the same day and time)!

PHYSICAL EDUCATION - ADAPTED

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 wellbeing. 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.

10630 Lab	GYPOOL	D Ellis	3.2	.5	MW	0810-0930
10631 Lab	GYPOOL	D Ellis/K Sato	3.2	.5	TR	1120-1240
10632 Lab	GYPOOL	D Ellis	3.2	.5	MW	1250-0210

Adapted Swimming for Total Fitness APE 35

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

10650	Lab	GYPOOL	D Ellis	3.2	.5	MW	0810-0930
10652	Lab	GYPOOL	D Ellis/ K Sato	3.2	.5	TR	1120-1240
10651	Lab	GYPOOL	D Fllis	3.2	.5	MW	1250-0210

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.

10653	Lab	APE108	D Ellis	3.2	.5	MW	0945-1105
10654	Lab	APE108	D Ellis	3.2	.5	TR	0945-1105
10655	Lab	APE108	D Ellis	3.2	.5	MW	1120-1240
10656	Lab	APE108	D Ellis	3.2	.5	TR	1250-0210

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.

10657	Lab	APE108	D Ellis	3.2	.5	MW	0945-1105
10658	Lab	APE108	D Ellis	3.2	.5	TR	0945-1105
10659	Lab	APE108	D Ellis	3.2	.5	MW	1120-1240
10661	Lab	APE108	D Ellis	3.2	.5	TR	1250-0210

Open Entry/Open Exit classes - page 117

Check out Classes offered at the satellite sites...

Online/Hybrid Lecture/Online classes - pages 110-111 Hollister classes - pages 112-113 Morgan Hill classes - pages 114-115 Late Start/Short Term classes - page 116

Faculty! Staff! Students!

Working Parents! Community!



Looking for quality child care?

Call the Child Development Center at 408-848-4815 for more information.

License #430703716

FEE-BASED SERVICE

PART-DAY PROGRAM

2-5 yrs 7 am - 6 pm

Parents do not have to be students!

Gavilan's Child Development Center will accept payment from other subsidized programs (i.e., 4C's, Choices for Children) Personal payment also accepted.

CRN Type Room Instructor Hrs. Units Days Begin-End

Adapted Aquatic Exercise APE 534

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.

10662	Lab	GYPOOL	D Ellis	3.2	.5	MW	0810-0930
10663	Lab	GYPOOL	D Ellis/K Sato	3.2	1.0	TR	1120-1240
10664	Lab	GYPOOL	D Ellis	3.2	1.0	MW	1250-0210

Adapted Swimming for Total Fitness APE 535

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.

10665	Lab	GYPOOL	D Ellis	3.2	1.0	MW	0810-0930
10666	Lab	GYPOOL	D Ellis/K Sato	3.2	1.0	TR	1120-1240
10667	Lab	GYPOOL	D Ellis	3.2	1.0	MW	1250-0210

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.

10673 Spe	Lab ecialized o	APE101 class for studen	D Ellis ts with intellectual	7.4 /severe	1.0 physic	F cal disabilities.	0945-1250
10669	Lab	APE101	D Ellis	3.2	1.0	MW	0945-1105
	Lab ove class	LOADCS1 meets at Live 0	K Sato Dak Adult Day Se	4.2 rvices,	1.0 651 W	MWF est Sixth St., 0	0945-1055 Gilroy.
10670	Lab	APE101	D Ellis	3.2	1.0	TR	0945-1105
10671	Lab	APE101	D Ellis	3.2	1.0	MW	1120-1240
10672	Lab	APE108	D Ellis	3.2	1.0	TR	1250-0210

Physical Education - Adapted

CRN Type Room Instructor Hrs. Units Days Begin-End

APE 538 Adapted Cardiovascular Conditioning and Training

Transferable: No

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 is a pass/no pass course. Previously known as PE 538.

10674	Lab	APE101	D Ellis	3.2	1.0	MW	0945-1105
10675	Lab	APE101	D Ellis	3.2	1.0	TR	0945-1105
10676 Abo			J Maringer-Cant Dak Adult Day Ser				0945-1105 Gilrov
10677		APE101	D Ellis	3.2	1.0	MW	1120-1240s

APE 637 Wheelchair Basketball

D Ellis

APE108

Transferable: No

10678 Lab

This course is an adaptive physical education activity designed for wheelchair athletes who are seeking to participate in competitive wheelchair basketball. Fundamentals, strategy and rules of wheelchair basketball will be covered. This is a non credit course.

1.0

1250-0210

10700 Lab APE101 D Ellis 3.2 TR 0810-0930

PHYSICAL SCIENCE

PSCI 1 Principles of Physical Science

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

An introduction to the physical sciences for the non-science major. Attention is focused on fundamental laws of nature, their development and relation to the physical world. ADVISORY: Mathematics 205 and eligible for English 250 and 260.

10349 Lec PS105 A Van Tuyl 3.3 3.0 T 0600-0905

PSCI 2 Introduction to Meteorology

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

An introductory course in Meteorology that is both descriptive and analytical on the physical principles affecting the earth's weather. Topics covered include the nature of the atmosphere, solar energy, heat, temperature, pressure, stability, moisture, wind, storms, severe weather and forecasting. The course introduces climatology as a scientific study and will look at the earth's climatic history, current research in climate modeling and the possibility of global climate change. ADVISORY: MATH 205.

10350 Online A Van Tuyl 3.0 See information above about online classes.

CRN Type Room Instructor Hrs. Units Days Begin-End

ONLINE CLASSES: You must have an email account to take an online course. 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.

PHYSICS

PHYS 1 Introduction to Physics

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

This course is an introduction to the fundamental physical principles that control the world around us. Students will explore the fundamental principles of physics, their historical development, their application to everyday phenomena, and their impact upon political, social, and environmental issues. Laboratory exercises will explore the everyday world. ADVISORY: Mathematics 205

10346 L/L PS102 R Lee 6.5 4.0 TR 0945-1249

PHYS 2A General Physics

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3; CAN:PHYS2, PHYS SEQ A

An introduction to the principles of physics using algebra and trigonometry. Topics include kinematics in one and two dimensions, vectors, equilibrium and non-equilibrium applications of Newton's Laws, work and energy, momentum, rotational kinematics and dynamics, simple harmonic motion, elasticity, thermal physics, thermodynamics, and waves. PREREQUISITE: MATH 8A or MATH 9. ADVISORY: Eligible for English 250 and English 260.

10348	L/L	PS102	R Lee	3.2	4.0 MW	1120-1240
	L/L	PS102	R Lee	2.3	W	0230-0435
	1/1	PS102	RIee	1.0	F	1140-1230

PHYS 4B Physics for Sci/Engr--Electromagnetism

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

Fundamental principles of electricity and electromagnetism. Electric and magnetic fields, AC/DC circuits, Maxwell's equations, and electromagnetic waves. Students gain experience in the application of computers in science. PREREQUISITE: Physics 4A ADVISORY: Mathematics 1B

10351 L/L PS102 R Lee 4.8 4.0 MTR 0810-0930 L/L PS102 R Lee 2.0 F 0810-1000

Physiology: see Biological Sciences

MATH + ENGINEERING + SCIENCE MAJORS

PLANNING TO TRANSFER?

Admission for these majors is very competitive



Are you a math based major? (BIO, CSIS, Architecture, etc.) • Do you want to transfer to a 4-year university? • Do you have financial need? You may be eligible.

Gavilan's MESA Program is now accepting applications. MESA students are entitled to work-shops, academic advising, transfer assistance, campus visits, facilitor and instructor led study groups and more! For more information call 408-848-4887 or visit the MESA Study Center in MA115.

- High-unit majors do not need to fulfill all general education requirements before transfer.
- ◆ You may be eligible for an AA or AS degree before transfer.
- ◆ You should plan your sequential courses early.
- ◆ You may be qualified to sign a Transfer Admissions Agreement with UC or CSU.



www.gavilan.edu/MESA •

POLITICAL SCIENCE

POLS 1 **Introduction to American Government**

Transferable: CSU, UC: CSU-GE:D8, IGETC:4H, 7A; GAV-GE:D1, D2; CAN;GOVT2

Explores the development of American political institutions and their utilization in dealing with issues arising at the international, national and state levels. Emphasis is placed on those problems which have defined our federal system of government. California government and appropriate state institutions will be included as a vital part of our federal system of government. ADVISORY: Eligible for English 250 and English 260.

10137	Lec	SS210	M Turetzky	3.2	3.0	MW	0810-0930
10138	Lec	SS210	M Turetzky	3.2	3.0	TR	0810-0930
10139 Abo		MHG13 meets at Morg	S Banks an Hill Community	3.2 / site.	3.0	MW	1120-1240
10135		HOL1	S Pinnell	3.2	3.0	TR	0230-0350

10136 Online M Turetzky 3.0 See information on page 102 about online classes

POLS 4 **Introduction to International Relations**

Transferable: CSU, UC; CSU-GE:D8, IGETC:4H; GAV-GE:D2, F

This course provides an introduction to key contemporary international problems and the means to analyze them. Major parts of the course cover such topics as war and peace, foreign policymaking, the international economy, and future trends in world politics.

10142 Lec 11171 M Turetzky 3.2 3.0 TR 0230-0350



POLS 5 Introduction to Modern International Terrorism

Transferable: CSU, UC; CSU-GE:D8; IGETC:4H

This course centers on conceptually defining terrorism (all types-foreign and domestic, left and right wing, religious, environmental, and political, state and non-state), tracing the history and beginnings of modern international and domestic terrorism, critically examining the various U.S.global responses to the 9-11-01 attacks, as well as generally evaluating and assessing how countries and peoples around the world try to cope with, prevent and/or respond to attacks by terrist organizations, groups, or acts of terrorism perpetrated by nation-states or groups working with nation-states. This course has the option of a letter grade or pass/no pass. This course is also listed as AJ 5.

10143 Lec SS210 M Turetzky 3.3 3.0 T

Introduction to Conflict Resolution POLS 6

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

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

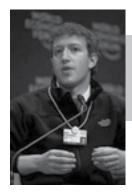
L Halper SS205 3.2 3.0 TR 1250-0210 This service learning course involves community work. See page 20 for more information.

POLS 27 Contemporary Leadership

Transferable: CSU; GAV-GE:E2

A cross-disciplinary approach to the theory and practice of leadership. Includes effective communication styles including issues related to gender and culture. Class includes topics on ethics, power, and how to run effective meetings including the use of parliamentary procedure. Skills directly applicable to work, personal and college environments. May be repeated for a maximum of 10 units. Also listed as PSYC 27. ADVISORY: Eligible for English 250 and English 260.

10628 L/L SC154N J Stewart 3.2 3.0 TR 0945-1105



Make a difference. Your voice counts.

POLS 27

Contemporary Leadership

CRN# 10628

Also listed as PSYC 27

Tu/Th, 9:45-11:05 am N/S Lounges in the Student Center

One Contemporary Leader's Story: For connecting more than half a billion people and mapping the social relations among them, for creating a new system of exchanging information and for changing how we live our lives. Mark Elliot Zuckerberg was TIME Magazine's 2010 Person of the Year. See the movie "The Social Network" to learn more!

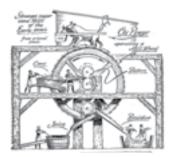
Paraphrased from an excerpt on www.time.com



Engineering is Back!

Gavilan College is again offering a comprehensive lower-division engineering program!

The program will prepare students for transfer with full junior standing to four-year engineering colleges. Gavilan's program follows a pattern established by the California Engineering Liaison Committee (ELC), an organization composed of representatives from all the two- and four- year engineering colleges in the state. Students will be able to transfer to the campus of their choice and complete the required program in the same time period as students who start at the four-vear schools.



For information about the Engineering Program, the course offerings, and your personal path to transferring to a four-year engineering school, please contact your counselor or the engineering instructor, Russell Lee, at 408-848-4881 or rlee@ gavilan.edu. We look forward to seeing you in our engineering classes soon!