Mathematics

MATH 400 Elements of Arithmetic
Transferable: No
Essential arithmetic operations, whole numbers, integers, fractions, decimals, ratio, proportion, percent, applications of arithmetic, and critical thinking, as well as math-specific study skills. Units earned in this course do not count toward the associate degree and/or other certain certificate requirements.

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<th>CRN</th>
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<th>Units</th>
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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. PREREQUISITE: Completion of Math 400 with a "C" or better, or assessment test recommendation.

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MATH 404A-G Self-Paced Basic Math
Transferable: No
This course is a remedial, modular, self-paced course. Application and critical thinking skills are developed in each module. Module A covers operations with whole numbers, equivalent fractions, multiplying and dividing fractions. Module B covers adding and subtracting fractions, and operations with decimals. Module C covers ratio and proportion, percent, and units of measurement. Module D reviews fractions, decimals, percentages, and covers operations with integers, and working with variables. Module E covers real numbers, fractions, exponents, scientific notation, and order of operations. Module F covers expressions, polynomials, and equations. Module G covers geometric figures, perimeter and area, surface area and volume, scientific notation, and order of operations. These classes involve both lecture and hands-on computer components. All sections are open for late registration.

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Medical Terminology: see Business

Don’t forget
A counselor’s signature is required if you take over 17.99 units (spring/fall) or over 5.99 units (summer).
You do not need a counselor’s signature to register for a class with a prerequisite that was successfully completed at Gavilan.

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Classroom Locations: Refer to “How to Use This Schedule” on page 5.
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
10704  L/L  AL102  Amirkhanian M  3.2  2.0  TR  1120-1240
10705  L/L  AL102  Mello S  4.3  2.0  M  0530-0935

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.
10706  Lec  AL101  Juncker A  3.2  3.0  MW  0945-1105

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.
10707  L/L  AL101  Pruitt N  3.2  2.0  TR  1250-0210

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.
10708  L/L  AL101  Pruitt N  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 8C or demonstrated proficiency.
10709  L/L  AL101  Pruitt N  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 BC or demonstrated proficiency.
10710  L/L  AL101  Pruitt N  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.
10712  Lab  AL101  Montoya T  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.
10713  Lab  AL101  Montoya T  3.3  1.0  M  0600-0905

MUS 12  Vocal Ensemble
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.
10671  L/L  AL101  Robb P  3.3  2.0  T  0600-0905

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.
10644  L/L  AL101  Juncker A  3.3  2.0  M  0130-0435

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.
10647  L/L  AL101  Juncker A  3.3  2.0  M  0130-0435
10672  L/L  AL101  Quartuccio A  3.3  2.0  W  0600-0905

New! Liberal Arts Associate’s Degree Areas of Emphasis
Check out the updated Catalog online - www.gavilan.edu/catalog - click on Liberal Arts.
**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.

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<td>3.3 2.0 W</td>
<td>0600-0905</td>
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**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.

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**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.

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**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.

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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.

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**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.

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**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.

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**ALUMNI**

**Master Sergeant Regulo Zapata Jr**
Gavilan College alumnus Master Sergeant Regulo Zapata Jr, US Army (Retired) joined the Special Forces in 1974. Since then he has participated in numerous operations in several countries. Master Sergeant Regulo Zapata was a Special Forces Operations Sergeant with twenty-eight years of service with the US Army. Sergeant Zapata served as an enlisted soldier in the United States Army Special Operations Forces with the 2nd Battalion, 75th Rangers Airborne, 5th Special Forces Group, and 19th Special Forces Group while on active duty.

After graduating from Gavilan College, he graduated from the United States Army John F. Kennedy Special Warfare Center School, Army Special Forces Operations and Intelligence Course, United States Army Ranger School and many other Special Forces Courses available to a Green Beret, Army Special Forces enlisted soldier.

He is the author of the book *Desperate Lands*, which tells the story of his experiences in fighting the war on terror on the Horn of Africa, in Afghanistan and along the Pakistan border. “I have been asked many times why I decided to write a book called *Desperate Lands*. I would simply say that I wanted to share my extraordinary journey through ancient and desperate lands at the front lines of this on going war.”
**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 of 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.

10722 Lec HOL5 Johnston M 3.2 3.0 TR 0230-0350
Above class meets at the Hollister Briggs site.

**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.

10715 Lec AR103 Hodge E 3.2 3.0 MW 0810-0930
10716 Lec AR103 Johnston M 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 of 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.

10718 Lec SS110 Hodge E 3.2 3.0 TR 0945-1105

**New! Liberal Arts Associate’s Degree Areas of Emphasis**
Check out the updated Catalog online - www.gavilan.edu/catalog - click on Liberal Arts.
CRN  Type  Room  Instructor  Hrs.  Units  Days  Begin-End

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.

10719  Lec  AR103  Hodge E  3.2  3.0  MW  0945-1105
10720  Lec  SS110  Hodge E  3.2  3.0  TR  1250-0210
10714  Lec  MHS12  Grudzen G  3.2  3.0  MW  0230-0350
Above class meets at Morgan Hill Community 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. ADVISORY: English 260.

10721  Lec  SS110  Hodge E  3.2  3.0  TR  1120-1240

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.

10717  Ind  SS106  Hodge E  1.0

PHYSICAL EDUCATION: ACADEMIC

CRN  Type  Room  Instructor  Hrs.  Units  Days  Begin-End

PE 1  Orientation for Student-Athlete Success
Transferable: CSU, UC
This course identifies and clarifies issues relevant to student-athletes. Students will learn practical skills which will assist them in obtaining their educational objectives, such as proper use of library services, time management and test and note taking information.

10250  Lec  CJ500  Del Carmen D  7.2  1.0  MTWR  1130-1300
09/13/09 - 09/27/09

PE 3  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. ADVISORY: Allied Health 30 (may be concurrent) and eligible for English 1A.

10252  L/L  PB4A  Beymer H  3.2  4.0  TR  0945-1105

PE 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.

10255  L/L  GY131G  Dequin N  5.6  2.0  MTWR  0230-0340

PE 10B  Fundamentals of Softball
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. ADVISORY: PE 10A.

10256  L/L  GY131G  Dequin N  5.6  2.0  MTWR  0230-0340

PE 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.

10259  L/L  GY131G  Andrade N  5.6  2.0  MTWR  0230-0340

ALUMNI

John Tuttle
Gavilan College graduate John Tuttle transferred to San Francisco State University where he is pursuing a major in International Business and studying abroad in France.

“I enrolled myself in a beginner French course and also a Sailing class on top of the classes that I was already taking which are meeting my International Business major requirements at SFSU. I am taking Doing Business in Europe, International Marketing Strategy and International Business Law and it is so cool to be taking all of these courses in France! The Intercultural Communications and Small Group Communications classes have played a huge role as the courses here are set up for group work and that is a majority of your grade. In all the groups I am the only American...what an experience. Looking back on it Gavilan's teachers have been the best that I have been in a classroom with. I miss, and there will always be a place in my heart for, Gavilan!”

Photography: see Art, CSIS or Digital Media
PE 11B  Fundamentals of Baseball  
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. ADVISORY: Physical Education 11A.  
10260  L/L  GY131G  Andrade N  5.6  2.0  MTWR  0230-0340

PE 12A  Fundamentals of Football  
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.  
10267  L/L  APE120/121  Lango J  4.0  2.0  MTWR  0230-0325

PE 12B  Fundamentals of Football  
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. ADVISORY: Physical Education 12A.  
10269  L/L  APE120/121  Lango J  4.0  2.0  MTWR  0230-0325

PE 14A  Fundamentals of Basketball  
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. ADVISORY: Physical Education 14A.  
10270  L/L  APE120/121  Addison T  3.8  2.0  MW  0430-0615

PE 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 PE 14A. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: PE 14A.  
10272  L/L  APE120/121  Addison T  3.8  2.0  MW  0430-0615

PHYSICAL EDUCATION: ACTIVITIES

PE 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.  
10273  Lab  GY100P  Dodd S  3.2  1.0  MW  1120-1240

PE 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.  
10274  Lab  ERGOLF  Krause S  3.0  .5  S  0900-1155  09/05/09 - 10/24/09 Class meets at Eagle Ridge Golf Club. Students will pay approximately $30 in ball/equipment rental.  
10275  Lab  GY200C  Andrade N  3.0  1.0  F  1040-0135  
A facility use fee will be charged. Details at the first meeting.

PE Activities  Classes can be taken for letter grade or pass/no pass.

CRN  Type  Room  Instructor  Hrs.  Units  Days  Begin-End

PE 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.  
10276  Lab  GY100C  Kramer K  3.2  1.0  MW  1250-0210

PE 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.  
10277  Lab  GIBOWL  Lango J  3.2  1.0  TR  0810-0930  
Meets at Gilroy Bowl, 7554 Monterey Street, Gilroy. A facility use fee of $1.50 per session is required.

PE 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.  
10444  ARR  GY116  Dodd S  2.0
**Physical Education**

**Classroom Locations:** Refer to “How to Use This Schedule” on page 5.

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<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Room</th>
<th>Instructor</th>
<th>Hrs.</th>
<th>Units</th>
<th>Days</th>
<th>Begin-End</th>
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<tr>
<td><strong>PE 24</strong></td>
<td>Individualized Weight Training</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>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.</td>
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<tr>
<td><strong>PE 39</strong></td>
<td>Fencing</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>This course will explore the offensive and defensive fencing skills with a foil. May be repeated three times credit. This course has the option of a letter grade or pass/no pass.</td>
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<tr>
<td><strong>PE 44</strong></td>
<td>Aerobics</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>A program of aerobic fitness. Includes various forms of exercise to improve health, heart, and body composition. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.</td>
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<tr>
<td><strong>PE 61</strong></td>
<td>Swim for Fitness</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>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.</td>
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<tr>
<td><strong>PE 62</strong></td>
<td>Yoga</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>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.</td>
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<td>10445</td>
<td>Lab</td>
<td>MHG101</td>
<td>Watson M</td>
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<tr>
<td></td>
<td>Above class meets at Morgan Hill Community Site.</td>
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<tr>
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<td></td>
<td>Class Location: Portuguese Hall, 695 Seventh Street, Hollister, CA.</td>
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<tr>
<td><strong>PE 64</strong></td>
<td>Individualized Cardiovascular Fitness</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>A fitness program which develops cardiovascular endurance through an individualized open lab format. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.</td>
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<tr>
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<tr>
<td><strong>PE 66</strong></td>
<td>Dance Fundamentals</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>Designed to introduce and develop movement principles and skills necessary to perform modern dance and ballet. May also include jazz and 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.</td>
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<tr>
<td>10563</td>
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<tbody>
<tr>
<td><strong>PE 70</strong></td>
<td>Pilates</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>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.</td>
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<tr>
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<tr>
<td><strong>PE 74</strong></td>
<td>Hiking</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>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.</td>
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<tr>
<td><strong>PE 75</strong></td>
<td>Sports Conditioning</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>This activity class is designed to improve the physical condition of male and female athletes. It includes strength training, cardiovascular endurance, plyometric training, and sport specific techniques. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.</td>
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<tbody>
<tr>
<td><strong>PE 78</strong></td>
<td>Dance Repertory</td>
<td>Transferable: CSU</td>
<td>Study, rehearse and perform choreography provided by faculty, guest artists and/or student choreographers. Opportunities to perform at informal settings at the college and various locations in the Gavilan community. The class includes dance warm up and work on technical skills, improvisational study, creating choreographic studies for group and solo forms and rehearsal and performance of finished dances either for the class, college or community. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass. Also listed as THEA 78. ADVISORY: An ability to perform more complex patterns of movement with a strong level of dance technique; or Current enrollment in a dance class: or Permission of the instructor.</td>
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<tr>
<td>10991</td>
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<tr>
<td><strong>PE 34</strong></td>
<td>Adapted Aquatic Exercise</td>
<td>Transferable: CSU, UC; CSU-GE; GAV-GE</td>
<td>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.</td>
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**Appropriate footwear is required in all gym facilities. No barefoot permitted.**

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**Fall 2009**

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116 Gavilan College  www.gavilan.edu
### CRN | Type | Room | Instructor | Hrs. | Units | Days | Begin-End
--- | --- | --- | --- | --- | --- | --- | ---
10629 | Lab | GY100P | Ellis D | 3.2 | 1.0 | MW | 0810-0930
10630 | Lab | GY100P | Ellis D | 3.2 | 1.0 | TR | 1120-1240
10631 | Lab | GY100P | Ellis D | 3.2 | 1.0 | MW | 1250-0210

**PE 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 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.

**Fall Sports**

**Football**
**Men’s Basketball**
**Men’s Soccer**
**Women’s Volleyball**

Students wishing to participate in the intercollegiate athletic programs 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.

**Activity Classes...**
- Aerobics
- Bowling
- Cardio Fitness
- Dance
- Fencing
- Golf
- Pilates
- Soccer
- Swimming
- Tennis
- Volleyball
- Weight Training
- Yoga

**Go Rams!**
Help build the team.
All are welcome!

**Fall 2009**

### PE 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.

### PE 38 Adapted Cardiovascular Conditioning & 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 that 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.

### PE 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.

### PE 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 of 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.

**PE 24 Individualized Weight Training**
**PE 64 Cardiovascular Fitness**

Open Lab Class Format
Designed for individualized strength or cardiovascular fitness programs in an open lab setting using a variety of exercise equipment.

Section hours by arrangement
- 1.7 to 3.4 weekly hours
- .5 or 1.0 unit
- Fitness Center (GYM 123)
- Students should check in the first week of the semester during lab hours.

**Fitness Center Lab Hours**
- Day: MWF 7:00 am - 2:00 pm
- TuTh: 8:00 am - 2:00 pm
- Eve: MTuWTh 4:30 pm - 6:30 pm

**Intercollegiate Soccer**
Help build the team.
All are welcome!

2008 Mens’ Soccer 2009
Fall 2009

Gavilan College  ■  www.gavilan.edu

CRN  Type  Room  Instructor  Hrs.  Units  Days  Begin-End

PE 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 overall 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.

10655  Lab  LOADCS1  Satoko  3.2  1.0  MW  0945-1105
Class meets at Live Oak Adult Day Services, 651 West Sixth St., Gilroy

10656  Lab  APE101/108  Ellis  3.2  1.0  MW  0945-1105

10657  Lab  APE101/108  Ellis  3.2  1.0  TR  0945-1105

10656  Lab  APE101/108  Ellis  3.2  1.0  MW  0945-1105

10660  Lab  APE101/108  Ellis  3.2  1.0  MW  0945-1105
Specialized class for students with developmental disabilities.

10658  LOADCS1  Maringer  3.3  1.0  F  0945-1250
Class meets at Live Oak Adult Day Services, 651 West Sixth St., Gilroy

10659  Lab  APE101/108  Ellis  3.2  1.0  MW  1120-1240

10661  Lab  APE108  Ellis  3.2  1.0  TR  1250-0210

PE 538  Adapted Cardiovascular Conditioning & Training
Transferable: No
An individualized program of adapted exercises in weight training, stretching and cardiovascular conditioning for those individuals that 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.

10665  Lab  APE101/108  Ellis  3.2  1.0  MW  0945-1105

10666  Lab  APE101/108  Ellis  3.2  1.0  TR  0945-1105

10667  LOADCS1  Maringer  3.3  1.0  TR  0945-1105
Class meets at Live Oak Adult Day Services, 651 West Sixth St., Gilroy

10669  Lab  APE101/108  Ellis  3.2  1.0  MW  1120-1240

10670  Lab  APE108  Ellis  3.2  1.0  TR  1250-0210

ATH 35  Basketball
Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1
This course provides practice and competition in intercollegiate basketball. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10245  Lab  GY131G  Addison  10.0  2.0  MTWRF  0230-0430

ATH 42  Football
Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1
This course provides practice and competition in intercollegiate football. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10246  Lab  GY131G  Maringer  13.0  4.0  MTWRF  0945-1250

ATH 46  Volleyball
Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1
This course provides practice and competition in intercollegiate volleyball for women. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10247  Lab  GY131G  Kramer  10.0  2.0  MTWRF  0430-0630

ATH 47  Soccer
Transferable: CSU, UC; CSU-GE:E1; GAV-GE:E1
This course provides practice and competition in intercollegiate soccer. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

10249  Lab  GY131G  Marquez  10.0  2.0  MTWRF  0230-0430

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.

10440  Lec  CH102  Bass  3.3  3.0  T  0945-1250

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.

10441  L/L  CH102  Lee  3.2  4.0  TR  0945-1250

10442  L/L  CH102  Lee  2.3  4.0  W  0230-0435

10443  ONLINE  Vantuy A  3.0  
You must have an email account to take this course. Start your course by going to 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 semester. 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.

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.

10442  Lec  CH105  Staff  3.3  3.0  T  0945-1250

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.

10443  ONLINE  Vantuy A  3.0  
You must have an email account to take this course. Start your course by going to 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 semester. 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.

Check out
Classes and services offered at the satellite sites...
Hallister classes - page 60.  Morgan Hill classes - page 62.
Late-Start Classes... page 57
Online/Hybrid Classes... page 58-59

Classroom Locations: Refer to “How to Use This Schedule” on page 5.