

CRN Type Room Instructor Hrs. Units Days Begin-End

**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 Tuesday, Sept 28, 8-9 am, Wednesday, Sept. 29, 530-630 pm and Thursday, Sept. 30, 430-530 pm in the North/South Lounge, Students need to attend one of the three meetings. Please contact Susan Sweeney, CWE Coordinator at 408-848-4813 or ssweeney@gavilan.edu.

|       |        |        |           |     |     |  |  |
|-------|--------|--------|-----------|-----|-----|--|--|
| 10831 | Wrk Ex | LI101A | S Sweeney | 3.0 | 1.0 |  |  |
| 10832 | Wrk Ex | LI101A | S Sweeney | 2.0 | 1.0 |  |  |
| 10833 | Wrk Ex | LI101A | S Sweeney | 3.0 | 1.0 |  |  |
| 10834 | Wrk Ex | LI101A | S Sweeney | 4.0 | 1.0 |  |  |

**MARKETING**

**MKTG 190 Occupational Work Experience/Marketing**

Transferable: CSU

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

Mandatory course orientation for the following classes will be conducted Tuesday, Sept 28, 8-9 am, Wednesday, Sept. 29, 530-630 pm and Thursday, Sept. 30, 430-530 pm in the North/South Lounge, Students need to attend one of the three meetings. Please contact Susan Sweeney, CWE Coordinator at 408-848-4813 or ssweeney@gavilan.edu.

|       |        |        |           |     |     |  |  |
|-------|--------|--------|-----------|-----|-----|--|--|
| 10827 | Wrk Ex | LI101A | S Sweeney | 1.0 | 1.0 |  |  |
| 10828 | Wrk Ex | LI101A | S Sweeney | 2.0 | 1.0 |  |  |
| 10829 | Wrk Ex | LI101A | S Sweeney | 3.0 | 1.0 |  |  |
| 10830 | Wrk Ex | LI101A | S Sweeney | 4.0 | 1.0 |  |  |

**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.

|       |     |       |        |     |     |    |           |
|-------|-----|-------|--------|-----|-----|----|-----------|
| 10216 | Lec | LI140 | M Abad | 3.2 | 3.0 | MW | 1120-1240 |
|-------|-----|-------|--------|-----|-----|----|-----------|

**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.

|       |     |       |           |     |     |    |           |
|-------|-----|-------|-----------|-----|-----|----|-----------|
| 10217 | 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.

|       |     |       |           |     |     |    |           |
|-------|-----|-------|-----------|-----|-----|----|-----------|
| 10218 | L/L | LI140 | J Frazier | 5.4 | 3.0 | TR | 1250-0315 |
|-------|-----|-------|-----------|-----|-----|----|-----------|

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

|       |     |       |                       |     |     |    |           |
|-------|-----|-------|-----------------------|-----|-----|----|-----------|
| 10219 | L/L | LI140 | J James<br>R Gonzalez | 3.2 | 3.0 | TR | 1120-1240 |
|-------|-----|-------|-----------------------|-----|-----|----|-----------|

**MATHEMATICS**

**MATH 1A Single-Variable Calculus and Analytic Geometry**

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

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

|       |     |       |          |     |     |     |           |
|-------|-----|-------|----------|-----|-----|-----|-----------|
| 10345 | Lec | LS101 | M Dresch | 4.2 | 4.0 | MWF | 1250-0200 |
|-------|-----|-------|----------|-----|-----|-----|-----------|

**MATH 1B Single-Variable Calculus and Analytic Geometry**

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

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

|       |     |       |         |     |     |    |           |
|-------|-----|-------|---------|-----|-----|----|-----------|
| 10346 | Lec | MA102 | L Wolff | 4.6 | 4.0 | TR | 0600-0805 |
|-------|-----|-------|---------|-----|-----|----|-----------|

**MATH 1C Multivariable Calculus**

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

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

|       |     |     |       |     |     |    |           |
|-------|-----|-----|-------|-----|-----|----|-----------|
| 10419 | Lec | PB7 | D Kim | 4.0 | 4.0 | MW | 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.

|       |     |       |           |     |     |    |           |
|-------|-----|-------|-----------|-----|-----|----|-----------|
| 10400 | L/L | MA103 | J Fassler | 3.2 | 3.0 | TR | 1120-1240 |
|       | L/L | MA101 | J Fassler | 1.0 |     | F  | 1120-1210 |

|       |     |       |        |     |     |   |           |
|-------|-----|-------|--------|-----|-----|---|-----------|
| 10391 | L/L | MA103 | J Nari | 2.3 | 3.0 | M | 0230-0435 |
|       | L/L | MA103 | J Nari | 1.3 |     | W | 0230-0335 |
|       | L/L | MA101 | J Nari | 1.0 |     | W | 0345-0435 |

|       |     |       |         |     |     |    |           |
|-------|-----|-------|---------|-----|-----|----|-----------|
| 10401 | L/L | PS102 | N Wadia | 4.6 | 3.0 | TR | 0600-0805 |
|-------|-----|-------|---------|-----|-----|----|-----------|

|  |     |       |            |     |     |    |           |
|--|-----|-------|------------|-----|-----|----|-----------|
| 10402  | L/L | MHG12 | A Viarengo | 4.6 | 3.0 | MW | 0600-0805 |
| Above class meets at Morgan Hill Community site. |     |       |            |     |     |    |           |

|       |        |  |               |     |  |  |  |
|-------|--------|--|---------------|-----|--|--|--|
| 10403 | Online |  | J Haussermann | 3.0 |  |  |  |
|-------|--------|--|---------------|-----|--|--|--|

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

**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.

|       |     |       |            |     |     |    |           |
|-------|-----|-------|------------|-----|-----|----|-----------|
| 10404 | Lec | LS102 | L Lockhart | 3.2 | 3.0 | TR | 0810-0930 |
|-------|-----|-------|------------|-----|-----|----|-----------|

CRN Type Room Instructor Hrs. Units Days Begin-End

**MATH 8A First Half of Precalculus**

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

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

|       |     |       |          |     |     |     |           |
|-------|-----|-------|----------|-----|-----|-----|-----------|
| 10405 | Lec | PB7   | J Nari   | 4.2 | 4.0 | TRF | 0945-1055 |
| 10406 | Lec | MA103 | K Wagman | 4.2 | 4.0 | MWF | 1250-0200 |

**MATH 8B Second Half of Precalculus**

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

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

|       |     |       |         |     |     |    |           |
|-------|-----|-------|---------|-----|-----|----|-----------|
| 10407 | Lec | PS105 | S STAFF | 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.

|       |     |       |             |     |     |   |           |
|-------|-----|-------|-------------|-----|-----|---|-----------|
| 10344 | Lec | MHG10 | S Kercheval | 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.

|       |     |       |             |     |     |       |           |
|-------|-----|-------|-------------|-----|-----|-------|-----------|
| 10347 | Lec | MA103 | R Knight    | 5.0 | 5.0 | MTWRF | 0810-0905 |
| 10348 | Lec | MHG13 | S Kercheval | 5.2 | 5.0 | MTWR  | 1250-0155 |

Above class meets at Morgan Hill Community site.

|       |     |       |            |      |     |      |           |
|-------|-----|-------|------------|------|-----|------|-----------|
| 10349 | Lec | MA103 | G Fuller   | 5.2  | 5.0 | MTWR | 0945-1050 |
| 10350 | Lec | PS102 | E Dachkova | 10.4 | 5.0 | MTRF | 1250-0310 |
| 10351 | Lec | HOL4  | R Bates    | 5.2  | 5.0 | MTWR | 1250-0155 |

Above class meets at the Hollister Briggs site.

|       |     |       |            |     |     |      |           |
|-------|-----|-------|------------|-----|-----|------|-----------|
| 10352 | Lec | PS105 | R Potter   | 5.2 | 5.0 | MTWR | 1120-1225 |
| 10356 | Lec | PB7   | L Wills    | 2.6 | 5.0 | MW   | 1250-0155 |
|       | Lec | MA103 | L Wills    | 2.6 |     | TR   | 1250-0155 |
| 10353 | Lec | PS105 | M Buchanan | 5.2 | 5.0 | MTWR | 0410-0515 |
| 10354 | Lec | HOL4  | R Bates    | 5.4 | 5.0 | TR   | 0600-0825 |

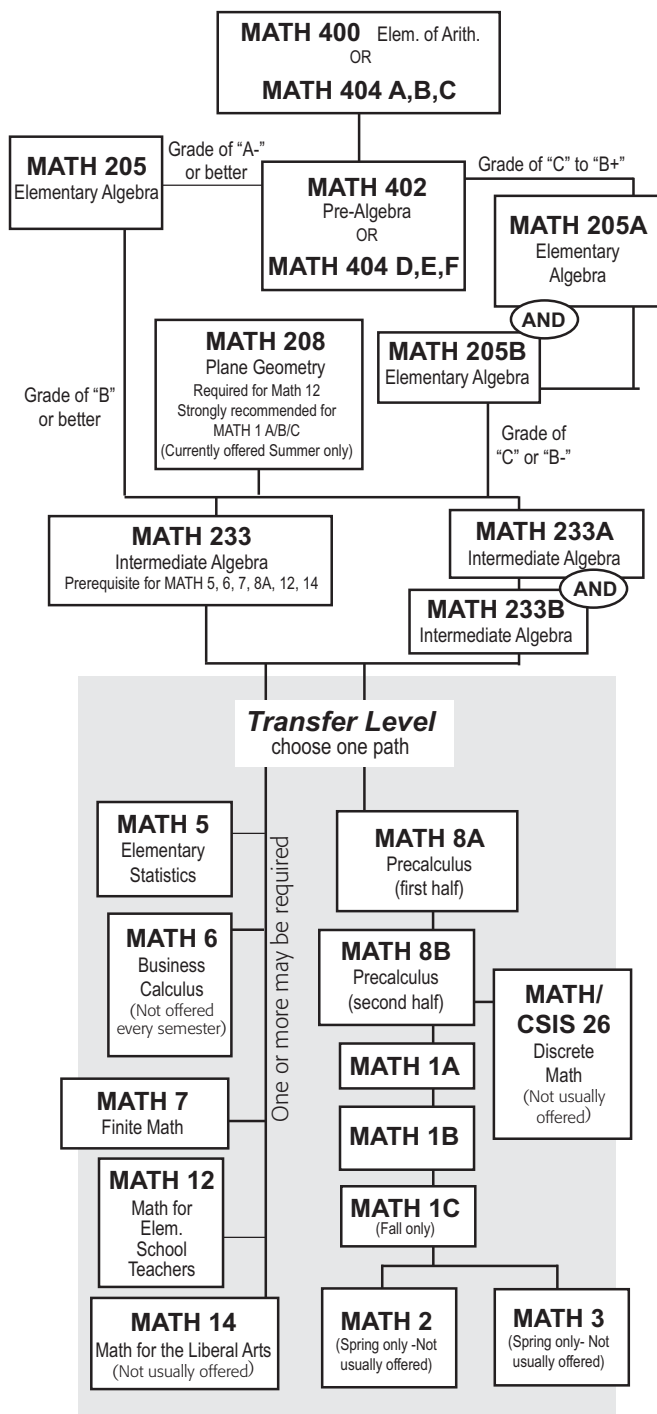
Above class meets at the Hollister Briggs site.

|       |     |       |             |     |     |    |           |
|-------|-----|-------|-------------|-----|-----|----|-----------|
| 10355 | Lec | MHG13 | A Sioshansi | 5.4 | 5.0 | TR | 0600-0825 |
|-------|-----|-------|-------------|-----|-----|----|-----------|

Above class meets at Morgan Hill Community site.

**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.**

Have you met the prerequisite? **It's required!**

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.

|       |     |       |          |     |     |     |           |
|-------|-----|-------|----------|-----|-----|-----|-----------|
| 10357 | Lec | LS101 | D Lawson | 4.8 | 2.5 | MWF | 0810-0930 |
| 10358 | Lec | MA102 | S STAFF  | 4.2 | 2.5 | TRF | 1250-0200 |
| 10360 | 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.

|   |     |       |            |     |     |     |           |
|---|-----|-------|------------|-----|-----|-----|-----------|
| 10417   | Lec | HOL5  | D Kim      | 4.2 | 2.5 | MTW | 1250-0200 |
| Above class meets at the Hollister Briggs site. |     |       |            |     |     |     |           |
| 10361   | Lec | MA102 | E Dachkova | 2.8 | 2.5 | TR  | 0400-0510 |
|   | Lec | MA102 | E Dachkova | 1.4 |     | F   | 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.

|  |     |       |            |     |     |       |            |
|--|-----|-------|------------|-----|-----|-------|------------|
| 10362  | Lec | PB7   | G Fuller   | 5.0 | 5.0 | MTWRF | 0810-0905  |
| 10364  | Lec | PB7   | S Dharia   | 2.6 | 5.0 | MW    | 0945-1050  |
|  | Lec | PS105 | S Dharia   | 2.6 |     | TR    | 0945-1050  |
| 10368  | Lec | PB7   | K Wagman   | 4.5 | 5.0 | MWR   | 1120-1235  |
|  | Lec | PB7   | TBA        | .5  |     | T     | 1120-1155  |
|  | Lec | PB7   | TBA        | 1.0 |     | T     | 1155-1245* |
|  | Lec | PB7   | TBA        | 1.5 |     | F     | 1120-1235* |
| * Optional tutoring session                      |     |       |            |     |     |       |            |
| 10365  | Lec | HOL2  | J Malokas  | 5.2 | 5.0 | MTWR  | 1250-0155  |
| Above class meets at the Hollister Briggs site.  |     |       |            |     |     |       |            |
| 10363  | Lec | MHG10 | A Furutani | 5.2 | 5.0 | MTWR  | 1250-0155  |
| Above class meets at Morgan Hill Community site. |     |       |            |     |     |       |            |
| 10366  | Lec | PS105 | R Potter   | 5.2 | 5.0 | MTWR  | 1250-0155  |
| 10367  | Lec | MA103 | M Grover   | 5.4 | 5.0 | TR    | 0600-0825  |

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

|  |     |                |            |     |     |         |                        |
|--|-----|----------------|------------|-----|-----|---------|------------------------|
| 10369  | Lec | PS102<br>HU105 | M Dresch   | 4.2 | 2.5 | MW<br>F | 0945-1055<br>0945-1055 |
| 10418  | Lec | MHG11          | L Robledo  | 4.2 | 2.5 | TRF     | 1250-0200              |
| Above class meets at Morgan Hill Community site. |     |                |            |     |     |         |                        |
| 10370  | Lec | LS101          | L Lockhart | 4.6 | 2.5 | TR      | 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.

|       |     |       |          |     |     |     |           |
|-------|-----|-------|----------|-----|-----|-----|-----------|
| 10371 | Lec | LS102 | S Dharia | 4.2 | 2.5 | TRF | 1120-1230 |
| 10359 | Lec | MA102 | S Ward   | 4.2 | 2.5 | TWR | 0230-0340 |

**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.

|       |     |       |          |     |     |      |           |
|-------|-----|-------|----------|-----|-----|------|-----------|
| 10372 | L/L | MA102 | M Dunn   | 4.0 | 3.0 | MTWR | 0810-0905 |
| 10373 | L/L | LS103 | D Lawson | 4.2 | 3.0 | MWF  | 0945-1055 |
| 10374 | L/L | PB7   | 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.

|       |     |       |                 |     |     |     |           |
|-------|-----|-------|-----------------|-----|-----|-----|-----------|
| 10375 | L/L | LS103 | J Nari/M Dresch | 4.2 | 3.0 | MWF | 1120-1230 |
| 10376 | L/L | MA103 | J Nari/M Dresch | 4.2 | 3.0 | MWF | 1120-1230 |
| 10377 | L/L | MA102 | M Buchanan      | 4.6 | 3.0 | MW  | 0600-0805 |

**Be Aware**

If your goal is a MULTIPLE SUBJECT CREDENTIAL, you may need MATH 12, Math for Elementary Teachers.

Please help protect Gavilan's park-like setting by properly disposing of litter and recycling.

CRN Type Room Instructor Hrs. Units Days Begin-End

**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, triangles and parallelograms, and similar figures. This course has the option of a letter grade or pass/no pass. This course involves both lecture and hands-on computer assisted software. All sections are open for late registration. Math 404 A-C is the equivalent of Math 400.

These classes involve both lecture and hands-on computer components. All sections are open for late registration.

|                  |       |     |       |            |     |     |    |           |
|------------------|-------|-----|-------|------------|-----|-----|----|-----------|
| <b>MATH 404A</b> | 10379 | L/L | MA101 | L Lockhart | 5.6 | 1.0 | TR | 1250-0320 |
| <b>MATH 404B</b> | 10380 | L/L | MA101 | L Lockhart | 5.6 | 1.0 | TR | 1250-0320 |
| <b>MATH 404C</b> | 10381 | L/L | MA101 | L Lockhart | 5.6 | 1.0 | TR | 1250-0320 |
| <b>MATH 404D</b> | 10383 | L/L | MA101 | L Lockhart | 5.6 | 1.0 | TR | 1250-0320 |
| <b>MATH 404E</b> | 10385 | L/L | MA101 | L Lockhart | 5.6 | 1.0 | TR | 1250-0320 |
| <b>MATH 404F</b> | 10389 | L/L | MA101 | L Lockhart | 5.6 | 1.0 | TR | 1250-0320 |
| <b>MATH 404G</b> | 10390 | L/L | MA101 | E Dachkova | 5.6 | 1.0 | TR | 1250-0320 |

**MATH 414 Basic Math Skills**

Transferable: No

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.

Register Early for this pre-semester August one-week Math Bootcamp!

Must register for summer session. See ad on this page.

|       |     |       |            |      |     |       |           |
|-------|-----|-------|------------|------|-----|-------|-----------|
| 80202 | Lab | MA101 | E Dachkova | 52.8 | 1.0 | MTWRF | 0800-0330 |
|       | Lab | MA101 | E Dachkova |      |     | S     | 0730-0200 |

08/16/10 - 08/21/10 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. See ad on this page.



**Medical Terminology: see Business Office Technology (BOT)**

**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.

|       |     |       |           |     |     |    |           |
|-------|-----|-------|-----------|-----|-----|----|-----------|
| 10234 | Lec | MU101 | J Hidalgo | 3.2 | 3.0 | TR | 0810-0930 |
|-------|-----|-------|-----------|-----|-----|----|-----------|

**MUS 3A Harmony - Theory - Musicianship**

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

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

|       |     |       |           |     |     |    |           |
|-------|-----|-------|-----------|-----|-----|----|-----------|
| 10242 | L/L | MU101 | P Collins | 4.6 | 4.0 | MW | 1120-0125 |
|-------|-----|-------|-----------|-----|-----|----|-----------|

**Get College Credit for Working or Volunteering!**

Call 408-848-4813 or email [ssweeney@gavilan.edu](mailto:ssweeney@gavilan.edu) for more information.



**COOPERATIVE WORK EXPERIENCE** is available to day, evening, full-time and part-time students.

If your job or volunteer work is directly related to your education or occupational goals sign up for

**CWE 190: Occupation Work Experience Education**

If your job or volunteer work is not directly related to your educational goals sign up for

**CWE 192: General Work Experience Education**

Gavilan College  
**MATH LAB**  
MA101

**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 BOOT CAMP in August!**

**MATH 414 Basic Math Skills - CRN 80202** 08/16/010 - 08/21/10

This 1 unit class meets Mon-Fri from 8 am - 3:30 pm & Saturday from 7:30 am - 2 pm

Get ready for your fall classes.

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 Basic Math Skills** 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.

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

|       |     |       |               |     |     |    |           |
|-------|-----|-------|---------------|-----|-----|----|-----------|
| 10243 | L/L | MU102 | M Amirkhanian | 4.6 | 3.0 | MW | 0900-1105 |
| 10244 | L/L | MU102 | M Amirkhanian | 4.6 | 3.0 | TR | 0900-1105 |
| 10251 | L/L | MU102 | M Amirkhanian | 4.6 | 3.0 | MW | 1120-0125 |
| 10245 | L/L | MU102 | S Rathmell    | 4.3 | 3.0 | M  | 0530-0935 |

**MUS 4B Beginning Piano**

Transferable: CSU, UC; GAV-GE:C1

Continuation of Music 4A. ADVISORY: Music 4A

|       |     |       |               |     |     |    |           |
|-------|-----|-------|---------------|-----|-----|----|-----------|
| 10252 | L/L | MU102 | M Amirkhanian | 3.2 | 2.0 | TR | 1120-1240 |
| 10246 | 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

|       |     |       |               |     |     |    |           |
|-------|-----|-------|---------------|-----|-----|----|-----------|
| 10253 | L/L | MU102 | M Amirkhanian | 3.2 | 2.0 | TR | 1120-1240 |
| 10247 | 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

|       |     |       |               |     |     |    |           |
|-------|-----|-------|---------------|-----|-----|----|-----------|
| 10254 | L/L | MU102 | M Amirkhanian | 3.2 | 2.0 | TR | 1120-1240 |
| 10248 | L/L | MU102 | S Rathmell    | 4.3 | 2.0 | M  | 0530-0935 |

**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

|       |     |       |               |     |     |    |           |
|-------|-----|-------|---------------|-----|-----|----|-----------|
| 10255 | L/L | MU102 | M Amirkhanian | 3.2 | 2.0 | TR | 1120-1240 |
| 10249 | L/L | MU102 | S Rathmell    | 4.3 | 2.0 | M  | 0530-0935 |

**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

|       |     |       |               |     |     |    |           |
|-------|-----|-------|---------------|-----|-----|----|-----------|
| 10256 | L/L | MU102 | M Amirkhanian | 3.2 | 2.0 | TR | 1120-1240 |
| 10250 | L/L | MU102 | S Rathmell    | 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.

|       |     |       |           |     |     |    |           |
|-------|-----|-------|-----------|-----|-----|----|-----------|
| 10257 | Lec | MU101 | P Collins | 3.2 | 3.0 | MW | 0810-0930 |
|-------|-----|-------|-----------|-----|-----|----|-----------|

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

|       |     |       |          |     |     |    |           |
|-------|-----|-------|----------|-----|-----|----|-----------|
| 10258 | L/L | MU101 | N Pruitt | 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.

|       |     |       |          |     |     |    |           |
|-------|-----|-------|----------|-----|-----|----|-----------|
| 10259 | L/L | 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.

|       |     |       |          |     |     |    |           |
|-------|-----|-------|----------|-----|-----|----|-----------|
| 10260 | L/L | MU101 | N Pruitt | 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.

|       |     |       |          |     |     |    |           |
|-------|-----|-------|----------|-----|-----|----|-----------|
| 10261 | 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.

|       |     |       |           |     |     |   |           |
|-------|-----|-------|-----------|-----|-----|---|-----------|
| 10262 | Lab | AR103 | T Montoya | 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.

|       |     |       |           |     |     |   |           |
|-------|-----|-------|-----------|-----|-----|---|-----------|
| 10263 | 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.

|       |     |       |                      |     |     |   |           |
|-------|-----|-------|----------------------|-----|-----|---|-----------|
| 10222 | L/L | MU101 | N Pruitt<br>S Sotelo | 3.3 | 2.0 | M | 0130-0435 |
| 10220 | L/L | MU101 | B Ruggles            | 3.3 | 2.0 | T | 0655-1000 |

The Final Word!

Look for the Final Exams schedule on page 117.

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

|       |     |       |           |     |     |   |           |
|-------|-----|-------|-----------|-----|-----|---|-----------|
| 10221 | L/L | 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.

|       |     |       |                      |     |     |   |           |
|-------|-----|-------|----------------------|-----|-----|---|-----------|
| 10223 | L/L | MU101 | N Pruitt<br>S Sotelo | 3.3 | 2.0 | M | 0130-0435 |
|-------|-----|-------|----------------------|-----|-----|---|-----------|

|                               |     |       |              |     |     |   |           |
|-------------------------------|-----|-------|--------------|-----|-----|---|-----------|
| 10227                         | L/L | SOLB7 | A Quartuccio | 3.3 | 2.0 | W | 0600-0905 |
| Above class meets off-campus: |     |       |              |     |     |   |           |

**MUS 14B Instrumental Ensemble**

Transferable: CSU; GAV-GE:C1

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

|       |     |       |                      |     |     |   |           |
|-------|-----|-------|----------------------|-----|-----|---|-----------|
| 10224 | L/L | MU101 | N Pruitt<br>S Sotelo | 3.3 | 2.0 | M | 0130-0435 |
|-------|-----|-------|----------------------|-----|-----|---|-----------|

|                               |     |       |              |     |     |   |           |
|-------------------------------|-----|-------|--------------|-----|-----|---|-----------|
| 10228                         | L/L | SOLB7 | A Quartuccio | 3.3 | 2.0 | W | 0600-0905 |
| Above class meets off-campus: |     |       |              |     |     |   |           |

**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.

|       |     |       |                      |     |     |   |           |
|-------|-----|-------|----------------------|-----|-----|---|-----------|
| 10225 | L/L | MU101 | N Pruitt<br>S Sotelo | 3.3 | 2.0 | M | 0130-0435 |
|-------|-----|-------|----------------------|-----|-----|---|-----------|

|       |     |       |              |     |     |   |           |
|-------|-----|-------|--------------|-----|-----|---|-----------|
| 10229 | L/L | SOLB7 | A Quartuccio | 3.3 | 2.0 | W | 0600-0905 |
|-------|-----|-------|--------------|-----|-----|---|-----------|

**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.

|       |     |       |                      |     |     |   |           |
|-------|-----|-------|----------------------|-----|-----|---|-----------|
| 10226 | L/L | MU101 | N Pruitt<br>S Sotelo | 3.3 | 2.0 | M | 0130-0435 |
|-------|-----|-------|----------------------|-----|-----|---|-----------|

|                               |     |       |              |     |     |   |           |
|-------------------------------|-----|-------|--------------|-----|-----|---|-----------|
| 10230                         | L/L | SOLB7 | A Quartuccio | 3.3 | 2.0 | W | 0600-0905 |
| Above class meets off-campus: |     |       |              |     |     |   |           |

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

Transferable: CSU

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

|       |     |       |          |     |     |   |           |
|-------|-----|-------|----------|-----|-----|---|-----------|
| 10233 | Lec | MU101 | S Sotelo | 3.3 | 3.0 | W | 0130-0435 |
|-------|-----|-------|----------|-----|-----|---|-----------|



*The most fun you'll ever have in a class!*

**MUS 12 Vocal Ensemble**

- Play:
- Rock & Roll
- Jazz
- Blues
- Top Hits
- Classics
- Your original songs!

**MUS 14A Instrumental Ensemble**

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

CRN # 10233  
Wednesday, 1:30-4:35  
Instructor: Sam Sotelo



Protools Recording Studio

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

|       |            |       |                 |            |     |    |           |
|-------|------------|-------|-----------------|------------|-----|----|-----------|
| 10235 | L/L<br>ARR | LI128 | S Sotelo<br>TBA | 3.2<br>2.3 | 3.0 | MW | 0810-0930 |
|-------|------------|-------|-----------------|------------|-----|----|-----------|

**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.

|       |        |       |              |  |     |  |  |
|-------|--------|-------|--------------|--|-----|--|--|
| 10237 | Fld Ex | MU101 | A Quartuccio |  | 1.0 |  |  |
|-------|--------|-------|--------------|--|-----|--|--|

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.

|       |     |       |              |     |
|-------|-----|-------|--------------|-----|
| 10236 | Ind | MU101 | N Pruitt     | 1.0 |
| 10238 | Ind | MU101 | N Pruitt     | 2.0 |
| 10239 | Ind | MU101 | T Montoya    | 1.0 |
| 10240 | Ind | MU101 | A Quartuccio | 1.0 |
| 10241 | Ind | MU101 | M Amirhanian | 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.

|                               |     |       |              |     |     |   |           |
|-------------------------------|-----|-------|--------------|-----|-----|---|-----------|
| 10231                         | L/L | SOLB7 | A Quartuccio | 3.3 | 2.0 | W | 0600-0905 |
| Above class meets off-campus. |     |       |              |     |     |   |           |

**MUS 98 Special Topics**

Transferable: CSU; GAV-GE:C1

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

|       |     |       |              |     |     |   |           |
|-------|-----|-------|--------------|-----|-----|---|-----------|
| 10232 | Lec | SOLB7 | A Quartuccio | 2.3 | 1.0 | W | 0700-0905 |
|-------|-----|-------|--------------|-----|-----|---|-----------|

**MUS 190 Occupational Work Experience/Commercial Music**

Transferable: CSU

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

Mandatory course orientation for the following classes will be conducted Tuesday, Sept 28, 8-9 am, Wednesday, Sept. 29, 530-630 pm and Thursday, Sept. 30, 430-530 pm in the North/South Lounge, Students need to attend one of the three meetings. Please contact Susan Sweeney, CWVE Coordinator at 408-848-4813 or ssweeney@gavilan.edu.

|       |        |        |           |     |
|-------|--------|--------|-----------|-----|
| 10855 | Wrk Ex | LI101A | S Sweeney | 1.0 |
| 10856 | Wrk Ex | LI101A | S Sweeney | 2.0 |
| 10857 | Wrk Ex | LI101A | S Sweeney | 3.0 |
| 10858 | Wrk Ex | LI101A | S Sweeney | 4.0 |

**Nursing: see Allied Health**

**Nutrition: see Biological Sciences**

**Performing Arts: see Mass Communications & Television  
Theatre Arts (THEA)**

Don't go to the wrong city

MHG = Morgan Hill Community Center site

HOL = Hollister Briggs Building site

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

|  |     |       |           |     |     |    |           |
|--|-----|-------|-----------|-----|-----|----|-----------|
| 10264  | Lec | MHG13 | G Grudzen | 3.2 | 3.0 | MW | 0945-1105 |
| Above class meets at Morgan Hill Community site. |     |       |           |     |     |    |           |

10266 Online E Hodge 3.0  
You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you MUST log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email [disted@gavilan.edu](mailto:disted@gavilan.edu).

**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.

|       |     |       |            |     |     |   |           |
|-------|-----|-------|------------|-----|-----|---|-----------|
| 10265 | Lec | AR103 | M Johnston | 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.

|       |     |     |         |     |     |    |           |
|-------|-----|-----|---------|-----|-----|----|-----------|
| 10269 | Lec | PB3 | E Hodge | 3.2 | 3.0 | MW | 1120-1240 |
|-------|-----|-----|---------|-----|-----|----|-----------|

**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, paying 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

|       |     |       |         |     |     |    |           |
|-------|-----|-------|---------|-----|-----|----|-----------|
| 10271 | Lec | AR103 | E Hodge | 3.2 | 3.0 | MW | 0945-1105 |
|-------|-----|-------|---------|-----|-----|----|-----------|

|   |     |      |         |     |     |    |           |
|---|-----|------|---------|-----|-----|----|-----------|
| 10270   | Lec | HOL2 | E Hodge | 3.2 | 3.0 | TR | 0230-0350 |
| 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.

|       |     |      |         |     |     |    |           |
|-------|-----|------|---------|-----|-----|----|-----------|
| 10272 | Lec | PB14 | E Hodge | 3.2 | 3.0 | MW | 0230-0350 |
|-------|-----|------|---------|-----|-----|----|-----------|

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

10267 Ind PB11 E Hodge 1.0

**Photography: see Art, CSIS or Digital Media**

**PHYSICAL EDUCATION - ACADEMIC**

**PE 7 Theory of Sports Management**

Transferable: CSU

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

10065 Lec BU117 N Dequin 3.2 3.0 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.

10067 L/L ATHFLDSFT N Dequin 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

10068 L/L ATHFLDSFT N Dequin 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.

10071 L/L ATHFLDBAS N Andrade 8.0 2.0 MTWR 0230-0430

**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.

10072 L/L ATHFLDBAS N Andrade 8.0 2.0 MTWR 0230-0430

**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.

10073 L/L APE120 J Lango 4.4 2.0 MTWR 0230-0325

**PHIL 3A: ETHICS**

**3 units**

Looking for a class that works with any major? Take Ethics!

Whether your major is Criminal Justice, Business, Social Science or Art, Ethics is a natural fit.



This course satisfies the Humanities requirement under the Gavilan College, the UC (IGETC) and CSU General Education patterns.

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We accept all major credit cards and checks with ID

**HOURS:** Mon-Thurs, 8 am - 7 pm, Friday, 8 am - 4 pm

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

10075 L/L APE120 J Lango 4.4 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.

10076 L/L APE120 T Addison 4.2 2.0 MW 0430-0615



CRN Type Room Instructor Hrs. Units Days Begin-End

**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

|       |     |        |           |     |     |    |           |
|-------|-----|--------|-----------|-----|-----|----|-----------|
| 10077 | L/L | APE120 | T Addison | 4.2 | 2.0 | MW | 0430-0615 |
|-------|-----|--------|-----------|-----|-----|----|-----------|

**PHYSICAL EDUCATION - ACTIVITIES**

Students should be aware that there are inherent risks involved in any physical exercise. Students are strongly advised to consult a physician prior to participating in any physical education activity.

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

**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.

|       |     |        |        |     |     |    |           |
|-------|-----|--------|--------|-----|-----|----|-----------|
| 10078 | Lab | GYPOOL | S Dodd | 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.

|       |     |            |           |     |     |   |           |
|-------|-----|------------|-----------|-----|-----|---|-----------|
| 10079 | Lab | GGOLF COUR | N Andrade | 3.0 | 1.0 | F | 1040-1135 |
|-------|-----|------------|-----------|-----|-----|---|-----------|

A facility use fee will be charged. Details at the first meeting.

**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.

|       |     |           |          |     |     |    |           |
|-------|-----|-----------|----------|-----|-----|----|-----------|
| 10080 | Lab | ATHFLDTEN | K Kramer | 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.

|       |     |        |         |     |     |    |           |
|-------|-----|--------|---------|-----|-----|----|-----------|
| 10120 | Lab | GIBOWL | J Lango | 3.2 | 1.0 | TR | 0810-0930 |
|-------|-----|--------|---------|-----|-----|----|-----------|

Above class 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.

|       |     |       |        |  |     |  |  |
|-------|-----|-------|--------|--|-----|--|--|
| 10122 | 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.



Appropriate footwear is required in all gym facilities. No barefeet permitted.

CRN Type Room Instructor Hrs. Units Days Begin-End

**PE 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.

|  |     |          |        |      |     |  |  |
|--|-----|----------|--------|------|-----|--|--|
| 10123  | Lab | GYFITCNR | S Dodd | 14.0 | 1.0 |  |  |
| Students should check in the first week of the semester at the Fitness Center during lab hours (MWF: 7 am - 2 pm, TuTh: 8 am - 2 pm, M-Th evenings: 4:30 - 6:30 pm).       |     |          |        |      |     |  |  |
| 10124  | Lab | GYFITCNR | S Dodd | 14.0 | .5  |  |  |
| Students should check in the first week of the semester at the Fitness Center during lab hours (MWF: 7 am - 2 pm, 2 pm, TuTh: 8 am - 2 pm, M-Th evenings: 4:30 - 6:30 pm). |     |          |        |      |     |  |  |

**PE 34, 35, 36, 38: see Physical Education: Adapted (APE)**

**PE 44 Aerobics**

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

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.

|       |     |       |          |     |     |    |           |
|-------|-----|-------|----------|-----|-----|----|-----------|
| 10127 | Lab | GYGYM | N Dequin | 3.2 | 1.0 | MW | 1120-1240 |
|-------|-----|-------|----------|-----|-----|----|-----------|

**PE 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.

|       |     |        |        |     |    |    |           |
|-------|-----|--------|--------|-----|----|----|-----------|
| 10131 | Lab | GYPOOL | S Dodd | 3.2 | .5 | TR | 0515-0635 |
|-------|-----|--------|--------|-----|----|----|-----------|

9/2/10 - 10/21/10.

**PE 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.

|       |     |        |          |     |     |    |           |
|-------|-----|--------|----------|-----|-----|----|-----------|
| 10145 | Lab | APE101 | M Watson | 3.2 | 1.0 | MW | 1250-0210 |
| 10135 | Lab | MHG10  | M Watson | 3.2 | 1.0 | MW | 0500-0620 |

Above class meets at Morgan Hill Community site.

|       |     |        |           |     |     |    |           |
|-------|-----|--------|-----------|-----|-----|----|-----------|
| 10268 | Lab | PORTHL | D Muscari | 3.2 | 1.0 | TR | 0715-0835 |
|-------|-----|--------|-----------|-----|-----|----|-----------|

Above class meets off-campus: Class location: Portuguese Hall, 695 Seventh Street, Hollister, CA.

**PE 64 Individualized Cardiovascular Fitness**

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

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.

|  |     |          |        |      |     |  |  |
|--|-----|----------|--------|------|-----|--|--|
| 10161  | Lab | GYFITCNR | S Dodd | 14.0 | 1.0 |  |  |
| Students should check in the first week of the semester at the Fitness Center during lab hours (MWF: 7 am - 2 pm, TuTh: 8 am - 2 pm, M-Th evenings: 4:30 - 6:30 pm). |     |          |        |      |     |  |  |
| 10162  | Lab | GYFITCNR | S Dodd | 14.0 | .5  |  |  |
| Students should check in the first week of the semester at the Fitness Center during lab hours (MWF: 7 am - 2 pm, TuTh: 8 am - 2 pm, M-Th evenings: 4:30 - 6:30 pm). |     |          |        |      |     |  |  |

**PE 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.

|       |     |        |           |     |     |    |           |
|-------|-----|--------|-----------|-----|-----|----|-----------|
| 10163 | Lab | APE101 | D Muscari | 3.2 | 1.0 | TR | 1250-0210 |
|-------|-----|--------|-----------|-----|-----|----|-----------|

CRN Type Room Instructor Hrs. Units Days Begin-End

## PE 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.

10165 Lab GYGYM N Dequin 3.0 1.0 F 0810-1100

## PE 75 Sports Conditioning

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

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.

10167 Lab GYFITCNR S Dodd 12.0 .5  
Students should check in during the first week of the semester with their individual head coach. Work-out hours may vary by sport.

10166 Lab GYFITCNR S Dodd 18.0 1.0  
Students should check in during the first week of the semester with their individual head coach. Work-out hours may vary by sport.

**PE 534, 535, 536, 538: see Physical Education: Adapted (APE)**

## PHYSICAL EDUCATION - ADAPTED

### APE 34 Adapted Aquatic Exercise

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

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

10581 Lab GYPOOL D Ellis 3.2 1.0 MW 0810-0930

10582 Lab GYPOOL D Ellis 3.2 1.0 TR 1120-1240  
K Sato

10583 Lab GYPOOL D Ellis 3.2 1.0 MW 1250-0210

### APE 35 Adapted Swimming for Total Fitness

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

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

10584 Lab GYPOOL D Ellis 3.2 1.0 MW 0810-0930

10585 Lab GYPOOL D Ellis 3.2 1.0 TR 1120-1240  
K Sato

10587 Lab GYPOOL D Ellis 3.2 1.0 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.

10592 Lab APE108 D Ellis 3.2 1.0 MW 0945-1105

10595 Lab APE108 D Ellis 3.2 1.0 TR 0945-1105

10596 Lab APE108 D Ellis 3.2 1.0 MW 1120-1240

10597 Lab APE108 D Ellis 3.2 1.0 TR 1250-0210



GO RAMS!



## Fall Sports

Volleyball  
Basketball  
Football  
Men's Soccer

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.

Also check out Activity Classes...

Aerobics  
Bowling  
Cardio Fitness  
Golf  
Hiking  
Pilates  
Swim for Fitness  
Swimming  
Tennis  
Yoga

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

### 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



**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 |

**Students should check in the first week of the semester during lab hours.**

CRN Type Room Instructor Hrs. Units Days Begin-End

### 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.

10598 Lab APE108 D Ellis 3.2 1.0 MW 0945-1105

10599 Lab APE108 D Ellis 3.2 1.0 TR 0945-1105

10600 Lab APE108 D Ellis 3.2 1.0 MW 1120-1240

10601 Lab APE108 D Ellis 3.2 1.0 TR 1250-0210

### APE 534 Adapted Aquatic Exercise

**Transferable:** No

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

10602 Lab GYPOOL D Ellis 3.2 1.0 MW 0810-0930

10603 Lab GYPOOL D Ellis 3.2 1.0 TR 1120-1240  
K Sato

10604 Lab GYPOOL D Ellis 3.2 1.0 MW 1250-0210

CRN Type Room Instructor Hrs. Units Days Begin-End

**APE 535 Adapted Swimming for Total Fitness**

Transferable: No

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

|       |     |        |                   |     |     |    |           |
|-------|-----|--------|-------------------|-----|-----|----|-----------|
| 10605 | Lab | GYPOOL | D Ellis           | 3.2 | 1.0 | MW | 0810-0930 |
| 10606 | Lab | GYPOOL | D Ellis           | 3.2 | 1.0 | MW | 1250-0210 |
| 10607 | Lab | GYPOOL | D Ellis<br>K Sato | 3.2 | 1.0 | TR | 1120-1240 |

**APE 536 Adapted Physical Education**

Transferable: No

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

|   |     |         |         |     |     |     |           |
|---|-----|---------|---------|-----|-----|-----|-----------|
| 10608   | Lab | LOADCS1 | K Sato  | 4.2 | 1.0 | MWF | 0945-1055 |
| Above class meets off-campus: Above class meets at Live Oak Adult Day Services, 651 West Sixth St., Gilroy. |     |         |         |     |     |     |           |
| 10609   | Lab | APE101  | D Ellis | 3.2 | 1.0 | MW  | 0945-1105 |
| 10610   | Lab | APE101  | D Ellis | 3.2 | 1.0 | TR  | 0945-1105 |
| 10616   | Lab | APE101  | D Ellis | 3.7 | 1.0 | F   | 0945-1250 |
| Specialized class for students with developmental disabilities.   |     |         |         |     |     |     |           |
| 10611   | Lab | APE101  | D Ellis | 3.2 | 1.0 | MW  | 1120-1240 |
| 10615   | Lab | APE108  | D Ellis | 3.2 | 1.0 | TR  | 1250-0210 |

**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.

|   |     |         |            |     |     |    |           |
|---|-----|---------|------------|-----|-----|----|-----------|
| 10617   | Lab | APE101  | D Ellis    | 3.2 | 1.0 | MW | 0945-1105 |
| 10618   | Lab | APE101  | D Ellis    | 3.2 | 1.0 | TR | 0945-1105 |
| 10619   | Lab | LOADCS1 | J Maringer | 3.2 | 1.0 | TR | 0945-1105 |
| Above class meets at Live Oak Adult Day Services, 651 West Sixth St., Gilroy. |     |         |            |     |     |    |           |
| 10620   | Lab | APE101  | D Ellis    | 3.2 | 1.0 | MW | 1120-1240 |
| 10621   | Lab | APE108  | D Ellis    | 3.2 | 1.0 | TR | 1250-0210 |

**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.

|       |     |       |           |      |     |       |           |
|-------|-----|-------|-----------|------|-----|-------|-----------|
| 10058 | Lab | GYGYM | T Addison | 10.0 | 2.0 | MTWRF | 0230-0430 |
|-------|-----|-------|-----------|------|-----|-------|-----------|

**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.

|       |     |           |         |      |     |       |           |
|-------|-----|-----------|---------|------|-----|-------|-----------|
| 10059 | Lab | ATHFLDFTB | J Lango | 10.0 | 2.0 | MTWRF | 0330-0530 |
|-------|-----|-----------|---------|------|-----|-------|-----------|

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

|       |     |       |          |      |     |       |           |
|-------|-----|-------|----------|------|-----|-------|-----------|
| 10060 | 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.

|       |     |           |           |      |     |       |           |
|-------|-----|-----------|-----------|------|-----|-------|-----------|
| 10062 | Lab | ATHFLDSOC | A Marques | 10.0 | 2.0 | MTWRF | 0230-0430 |
|-------|-----|-----------|-----------|------|-----|-------|-----------|

**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.

|       |     |       |          |     |     |   |           |
|-------|-----|-------|----------|-----|-----|---|-----------|
| 10410 | Lec | PS105 | J Snyder | 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.

|       |        |  |            |  |     |  |  |
|-------|--------|--|------------|--|-----|--|--|
| 10412 | Online |  | A Van Tuyl |  | 3.0 |  |  |
|-------|--------|--|------------|--|-----|--|--|

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

**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.

|       |     |       |       |     |     |    |           |
|-------|-----|-------|-------|-----|-----|----|-----------|
| 10408 | 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.

|       |     |       |       |     |     |    |           |
|-------|-----|-------|-------|-----|-----|----|-----------|
| 10409 | L/L | PS102 | R Lee | 3.2 | 4.0 | MW | 1120-1240 |
|       | L/L | PS102 | R Lee | 2.3 |     | W  | 0230-0435 |
|       | L/L | PS102 | R Lee | 1.0 |     | F  | 1140-1230 |

CRN Type Room Instructor Hrs. Units Days Begin-End

**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

|       |     |        |       |     |     |     |           |
|-------|-----|--------|-------|-----|-----|-----|-----------|
| 10416 | Lec | PS102  | R Lee | 4.8 | 4.0 | MTR | 0810-0930 |
|       | Lab | PS 102 |       |     |     | F   | 0810-1000 |

**Physiology: see Biological Sciences**

**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.

|  |     |       |            |     |     |    |           |
|--|-----|-------|------------|-----|-----|----|-----------|
| 10086  | Lec | PB3   | M Turetzky | 3.2 | 3.0 | MW | 0810-0930 |
| 10087  | Lec | PB3   | M Turetzky | 3.2 | 3.0 | TR | 0810-0930 |
| 10088  | Lec | MHG10 | S Pinnell  | 3.2 | 3.0 | MW | 1120-1240 |
| Above class meets at Morgan Hill Community site. |     |       |            |     |     |    |           |
| 10084  | Lec | HOL1  | S Pinnell  | 3.2 | 3.0 | TR | 0230-0350 |
| Above class meets at the Hollister Briggs site.  |     |       |            |     |     |    |           |

10085 Online M Turetzky 3.0  
 You must have an email account to take this course. Start your course by going to <http://www.gavilan.edu/disted>. Unless you have made prior arrangements with the instructor, you MUST log on by 11:59 pm on the first day of the course. Late adds must login within 24 hours of adding this course. If you miss the deadline you may be dropped. For help, contact your instructor or email [disted@gavilan.edu](mailto:disted@gavilan.edu).

**POLS 3 Introduction to Comparative Politics**

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

Comparative survey of political institutions and processes around the globe. Selected nations may include, but are not restricted to: the United Kingdom, France, Germany, Japan, Russia, India, Nigeria, and Mexico. ADVISORY: Eligible for English 250 and English 260.

|       |     |       |            |     |     |    |           |
|-------|-----|-------|------------|-----|-----|----|-----------|
| 10089 | Lec | LI171 | M Turetzky | 3.2 | 3.0 | MW | 1250-0210 |
|-------|-----|-------|------------|-----|-----|----|-----------|

**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.

|       |     |       |            |     |     |    |           |
|-------|-----|-------|------------|-----|-----|----|-----------|
| 10090 | Lec | LI171 | M Turetzky | 3.2 | 3.0 | MW | 1120-1240 |
|-------|-----|-------|------------|-----|-----|----|-----------|

**POLS 6 Introduction to Conflict Resolution**

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

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

|  |     |     |          |     |     |    |           |
|--|-----|-----|----------|-----|-----|----|-----------|
| 10091  | Lec | PB8 | L Halper | 3.2 | 3.0 | TR | 1250-0210 |
| This service learning course section involves community work |     |     |          |     |     |    |           |



- ◆ 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, facilitator and instructor led study groups and more! For more information call 408-848-4887 or visit the MESA Study Center in MA115.

◆ [www.gavilan.edu/MESA](http://www.gavilan.edu/MESA) ◆

MATH • ENGINEERING • SCIENCE MAJORS

**PLANNING TO TRANSFER?**

Admission for these majors is very competitive

- ◆ 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.

MESA has been recognized by the White House, the Ford Foundation and Harvard University for its innovation and mentoring success in engineering, science and mathematics. Excelencia in Education recently named MESA as a semifinalist winner in its 2008 Examples of Excelencia which identified MESA as a national community college model in its ability to strengthen Latino student success.



**Tutoring Center**  
[www.gavilan.edu/tutor](http://www.gavilan.edu/tutor)  
 408-848-4838  
 Located in LI 116



Free tutoring is available in a variety of subjects!

Work with a peer tutor and fellow students to develop a better understanding of course content.

Fall/Spring Semester:  
 Mon-Thurs: 10 am - 3 pm  
 Summer Session: Call for hours

Gary Cribb, Tutoring Program Coordinator  
 Kim Wilson, Tutoring Center Specialist

CRN Type Room Instructor Hrs. Units Days Begin-End

**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.

10039 L/L SC154N J Stewart 3.2 3.0 TR 0945-1105

**PSYCHOLOGY**

**PSYC 1A Introduction to Psychology**

Transferable: CSU, UC; CSU-GE:D9, IGETC:4I; GAV-GE:D2; CAN:PSY2

The nature, scope, methods, presuppositions, history, and fields of psychology together with the scientific study of factors influencing human behavior, human development, perception, learning, memory, emotion, personality, frustration, and psychotherapy. ADVISORY: Eligible for English 250 and English 260.

10092 Lec PB5 C Oler 3.2 3.0 MW 0810-0930

10093 Lec PB5 G Hinn 3.2 3.0 TR 0810-0930

10094 Lec HOL5 C Oler 3.2 3.0 MW 1120-1240

Above class meets at the Hollister Briggs site.

10095 Lec PB3 J Campilli 3.2 3.0 TR 1250-0210

10096 Lec PB5 C Oler 3.2 3.0 TR 0230-0350

10097 Lec HOL2 C Oler 3.3 3.0 R 0600-0905

Above class meets at the Hollister Briggs site.

**PSYC 1B Introduction to Psychology**

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

Continuation of Psychology 1A. This course stresses the biological basis of behavior including: neuroanatomy, the senses, perception, learning, thinking, and psychological disorders. PREREQUISITE: Completion of Psychology 1A with a grade of 'C' or better.

10098 Lec PB3 C Oler 3.2 3.0 TR 1120-1240

CRN Type Room Instructor Hrs. Units Days Begin-End

**PSYC 2 Early Child Development**

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

This course examines typical and atypical development within the psychosocial, cognitive, and physical domains from conception through the preschool years. Upon completion of this course, students will be able to evaluate theories and research of child development and effectively apply and communicate their understanding through observation and evaluation. This course is also listed as CD 2. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 1A; transfer student consult with advisor.

10384 Lec MHG4 M Bumgarner 3.2 3.0 MW 0945-1105

Above class meets at Morgan Hill Community site.

10426 Lec CHSB101 J Weiler 3.0 3.0 R 0330-0630

This class is part of the High Step Program. It will be offered at Christopher High School, room B-101. This class is open to all students. For more information, see a Gavilan counselor.

10388 Lec HOL4 R Brown 3.3 3.0 W 0600-0905

Above class meets at the Hollister Briggs site.

**PSYC 3 Child Growth and Development During the School Years**

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

Continuation of the study of child development with emphasis on children from six years of age through adolescence. Includes developmental theories and topics relevant to these ages. This course is also listed as CD 3. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260; Psychology 2.

10642 Lec MHG4 M Bumgarner 3.2 3.0 MW 1120-1240

Above class meets at Morgan Hill Community site.

10632 Lec GHSB6 D Muscari 3.0 3.0 T 0330-0630

Above class meets off-campus: This class is part of the High Step Program. It will be offered at Gilroy High School, room B6. This class is open to all students. For more information, see a Gavilan counselor.

10424 Online M Bumgarner 3.0

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

GAVILAN COLLEGE



Service Learning for community social change

Service Learning connects students and faculty to the community. It's used extensively at four year-colleges from Stanford to the entire CSU and UC systems. In Service Learning classes students:

- work under supervision at a partner agency in the community for 10-40 hours a semester (most Gavilan classes require 20-30 hours, and these hours replace other homework)
- reflectively relate the experience to class content.
- extend the reach, freshen the vision, and aid the work human service agencies do in the community.

Why should I take a Service Learning class?

- "I have transformed as an individual and have found my place in the world." – Jeshe W.
- "It definitely brings purpose, excitement and joy to your college experience/adventure." – Chuck H.
- "...it feels good giving out food to people who are in need." – Andre M.

For more information about Service Learning see page 19.

Sign up for:

- AJ 6 # 10102
- BIO1 # 10319
- CMUN 6 # 10187
- ECOL 1 # 10341
- # 10342
- ENGL 250 # 10497
- # 10498
- GUID 530 # 10630
- HIST 3 # 10074
- HIST 5 # 10082
- POLS 6 # 10091
- PSYC 6 # 10101
- SOC 1B # 10109