

Learning Skills

A wide range of learning skills and assistive technology courses are provided for students with specially identified needs. To make an appointment to assess your specific needs, call (805) 378-1461.

Dean

Patricia Ewins Phone (805) 378-1408

Full-time Faculty

Sile Bassi, Director; Sherry D'Atile, Norma Letinsky, Melanie Masters

Counselors

Corey Wendt

Assistive Computer Technology Courses

ACT M01 – 2 Units

Assistive Computer Training

Prerequisites: None

Class Hours: 1 lecture, 3 lab

Evaluates each student's needs for special assistive technology required for computer access, and provides training in the use of that technology. This may include screen reader, screen enlarger, speech recognition dictation, specialized keyboards and other hardware and software. Students work with the instructor by arrangement, on an individualized basis. May require an initial evaluation to determine a student's suitability for the course. May be taken for a total of two (2) times for credit. Only offered credit/no-credit. Does not apply to the Associate Degree.

ACT M02 – 1-2 Units

Self-Paced Keyboarding

Prerequisites: None

Class Hours: 0.5 or 1 lecture, 1.5 or 3 lab

Teaches the basics of keyboarding (touch typing) to students who need a self-paced, more individualized approach, or who require special assistive devices to access the computer keyboard. This course is also appropriate for students who already know keyboarding and wish to develop speed and accuracy. (Same course as LS M16) May be taken for a total of two (2) times for credit. Applies to Associate Degree.

ACT M04 – 2.5 Units

Basic Computer Skills

Prerequisites: None

Class Hours: 2 lecture, 1.5 lab

Provides hands-on experience with the essential computer skills needed for college and work settings. Covers hardware and software, Microsoft Windows, basic word processing, the Internet, and e-mail. May be taken for a total of two (2) times for credit. Does not apply to the Associate Degree.

ACT M05 – 3 Units

Basic Word Processing

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces essential word processing skills needed for college courses and work settings. Topics include how to create, edit, and format short and longer documents, how to enhance text, use bullets and numbering, and add graphic elements. Explores the use of writing and proofreading tools and assistive technology. This course is designed for students who require a more individualized, slower-paced learning environment. May be taken for a total of two (2) times for credit. Does not apply to the Associate Degree.

ACT M06 – 2 Units

Speech Recognition Software Training

Prerequisites: None

Class Hours: 1.5 lecture, 1.5 lab

Use of speech recognition dictation software, such as Dragon Naturally Speaking, to produce word-processed documents with little or no use of the keyboard. Ideal for individuals who have repetitive strain injuries or other physical disabilities that make the use of the traditional keyboard difficult. Applies to Associate Degree.

Learning Skills Courses

LS M02 – 3 Units

Basic Writing Skills

Prerequisites: None

Corequisite: LS M02L

Class Hours: 3 lecture

Develops basic writing skills including grammar, usage, and correct sentence structure. Enables students to write sentences, paragraphs, and short essays. May be taken for a total of two (2) times for credit. Does not apply to the Associate Degree.

LS M02L – 0.5 Unit

Writing Skills Laboratory

Prerequisites: None

Corequisite: LS M02

Class Hours: 1.5 lab

Introduces computer word processing, proofreading tools, and assistive technology to enhance the writing process. Offers practice and reinforcement of concepts and strategies taught in LS M02. Offered on a pass/no-pass basis only. May be taken for a total of two (2) times for credit. Does not apply to the Associate Degree.

LS M03 – 3 Units

Study Strategies

Prerequisites: None

Class Hours: 3 lecture

Introduces fundamental principles of study skills. Includes time management, goal setting, memory improvement, reading comprehension and learning strategies. Also includes strategies for note-taking, test-taking, and research. Emphasizes independent critical thinking skills and appropriate use of available resources on the campus and in the community. Instruction designed to meet the educational needs of students with or without disabilities. Applies to Associate Degree. Transfer credit: CSU; UC

LS M04 – 3 Units

Reading and Reasoning

Prerequisites: None

Corequisite: LS M04L

Class Hours: 3 lecture

Develops essential reading skills for students with learning disabilities or reading comprehension difficulties. Includes critical thinking skills, inferential comprehension, problem-solving activities and vocabulary development. May be taken for a total of two (2) times for credit. Does not apply to the Associate Degree.

LS M04L – 0.5 Unit **Reading Skills Laboratory**

Prerequisites: None
Corequisite: LS M04
Class Hours: 1.5 lab

Develops reading comprehension skills and vocabulary through the use of computer-based instruction. Provides practice and reinforcement of reading strategies taught in LS M04, Reading and Reasoning. Offered on a credit/no-credit basis only. May be taken for a total of two (2) times for credit. Does not apply to the Associate Degree.

LS M07A – 3 Units **Basic Math Skills I**

Prerequisites: None
Class Hours: 3 lecture

Foundational math course designed for students with math anxiety, who have difficulty understanding and applying mathematical concepts. Covers basic operation with whole numbers, decimals, and fractions. Teaches math test-taking strategies and mnemonic skills for learning and recalling math operations, which can be used in subsequent math courses. May be taken for a total of two (2) times for credit. Does not apply to the Associate Degree.

LS M07B – 3 Units **Basic Math Skills II**

Prerequisites: None
Recommended Prep: LS M07A
Class Hours: 3 lecture

Foundational math course designed for students with math anxiety, who have difficulty understanding and applying mathematical concepts. Covers percents, proportions, measurement, and basic algebra. Teaches math test-taking strategies and mnemonic skills for learning and recalling math operations, which can be used in subsequent math courses. May be taken for a total of two (2) times for credit. Does not apply to the Associate Degree.

LS M09 – 3 Units **Strategies for College and Career Success**

Prerequisites: None
Class Hours: 3 lecture

Introduces students to strategies for success in achieving college, career, and life goals. Explores interests, values, and personality to increase self-understanding and develop strategies for lifelong learning. Includes self-advocacy, career research, job seeking skills, personal management and communication skills. Instruction is designed to meet the educational needs of students with or without disabilities. Applies to Associate Degree. Transfer credit: CSU

LS M11 – 3 Units **Memory Improvement Strategies**

Prerequisites: None
Class Hours: 3 lecture

Introduces a variety of memory techniques and strategies to improve the ability to organize and remember information for school and general life activities. May be taken for a total of two (2) times for credit. Does not apply to a degree.

LS M13 – 3 Units **Strategies for Positive Self Esteem**

Prerequisites: None
Class Hours: 3 lecture

Introduces a ten-step model designed to help students become self-empowered individuals with positive self-esteem. Topics include: letting go of negative past experiences; developing appreciation of self and others; clarifying purpose and vision; setting new goals and objectives; visualization; affirmations; finding success in college, the workplace, the home environment, and in interpersonal relationships; maintaining self-esteem. Does not apply to the Associate Degree.

LS M14 – 0.5 to 1.5 Units **Computer and Tutorial Instruction**

Prerequisites: None
Class Hours: 1.5 to 4.5 lab as arranged

Provides students with the opportunity to develop academic skills through the use of computer-based or small group instruction. Individualized, self-paced instruction is determined by student's identified learning needs. Areas of instruction may include assistive technology training, computer skills development, reading, writing, mathematics, job skills, and study strategies. Offered on a pass/no-pass basis only. May be taken for a total of four (4) times for credit. Does not apply to the Associate Degree.

LS M15 – 1.5 Units **Computer Reading and Writing Tools**

Prerequisites: None
Class Hours: 1 lecture, 1.5 lab

Introduces computer software programs to facilitate reading and writing. Includes Kurzweil scan/read system, screen reader, word prediction, mind mapping and outlining, speech recognition dictation, and other assistive technology. Offered on a pass/no-pass basis only. May be taken for a total of four (4) times for credit. Does not apply to the Associate Degree.

LS M16 – 1 to 2 Units **Self-Paced Keyboarding**

Prerequisites: None
Class Hours: .05-1 lecture, 1.5-3 lab

The basics of keyboarding (touch typing). Self-paced, individualized assistance for the entry-level learner or to develop speed and accuracy. Includes strategies for using assistive devices to access the computer keyboard if needed. (Same course as ACT M02). May be taken a total of two (2) times for credit. Applies to Associate Degree.

LS M20 – 0.5 to 1.5 Units **Assessment of Learning Skills/Lab**

Prerequisites: None
Class Hours: 1.5 to 4.5 lab as arranged

Open lab for students with disabilities. Provides tutoring by specially trained staff. Emphasizes techniques, materials, texts, and audiovisual equipment to assess skills and to support academic instruction. Focuses on special learning styles. May be taken for a total of four (4) times for credit. Only offered pass/no-pass. Does not apply to the Associate Degree.

Sequence of Mathematics Courses

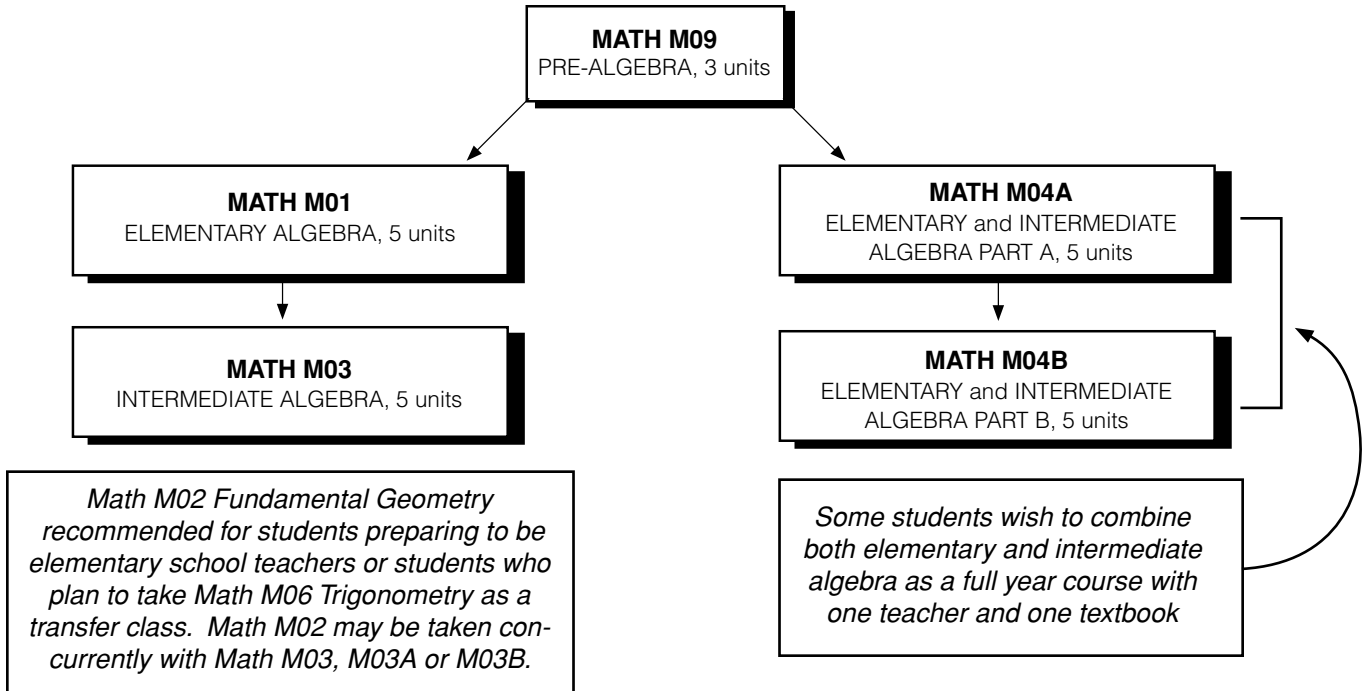
Where do I begin?

1. Complete the math self-placement guide:
http://www.moorparkcollege.edu/apply_and_enroll/orientation_and_assessment/self_placement_guides.shtml
2. Meet with a counselor. Call 805-378-1428 for an appointment.

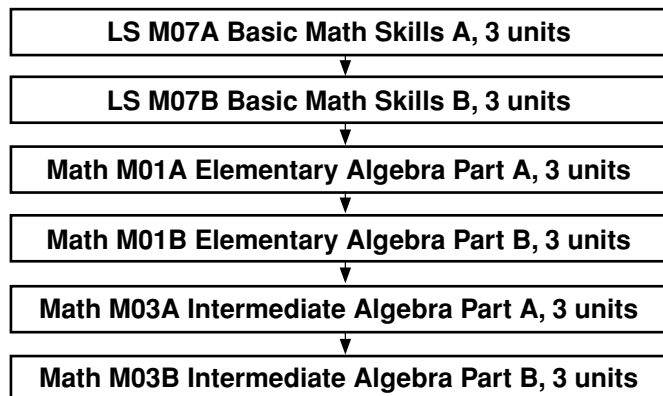
Associates Degree and Non-transferable Courses

Currently, Math M01 Elementary Algebra meets the graduation requirement for an AA or AS degree; however, starting in Fall 2009, Math M03 Intermediate Algebra will be required to earn an AA or AS degree.

Traditionally, students can prepare for transfer level math classes by taking the following courses over three semesters: Math M09 Pre-Algebra, 3 units



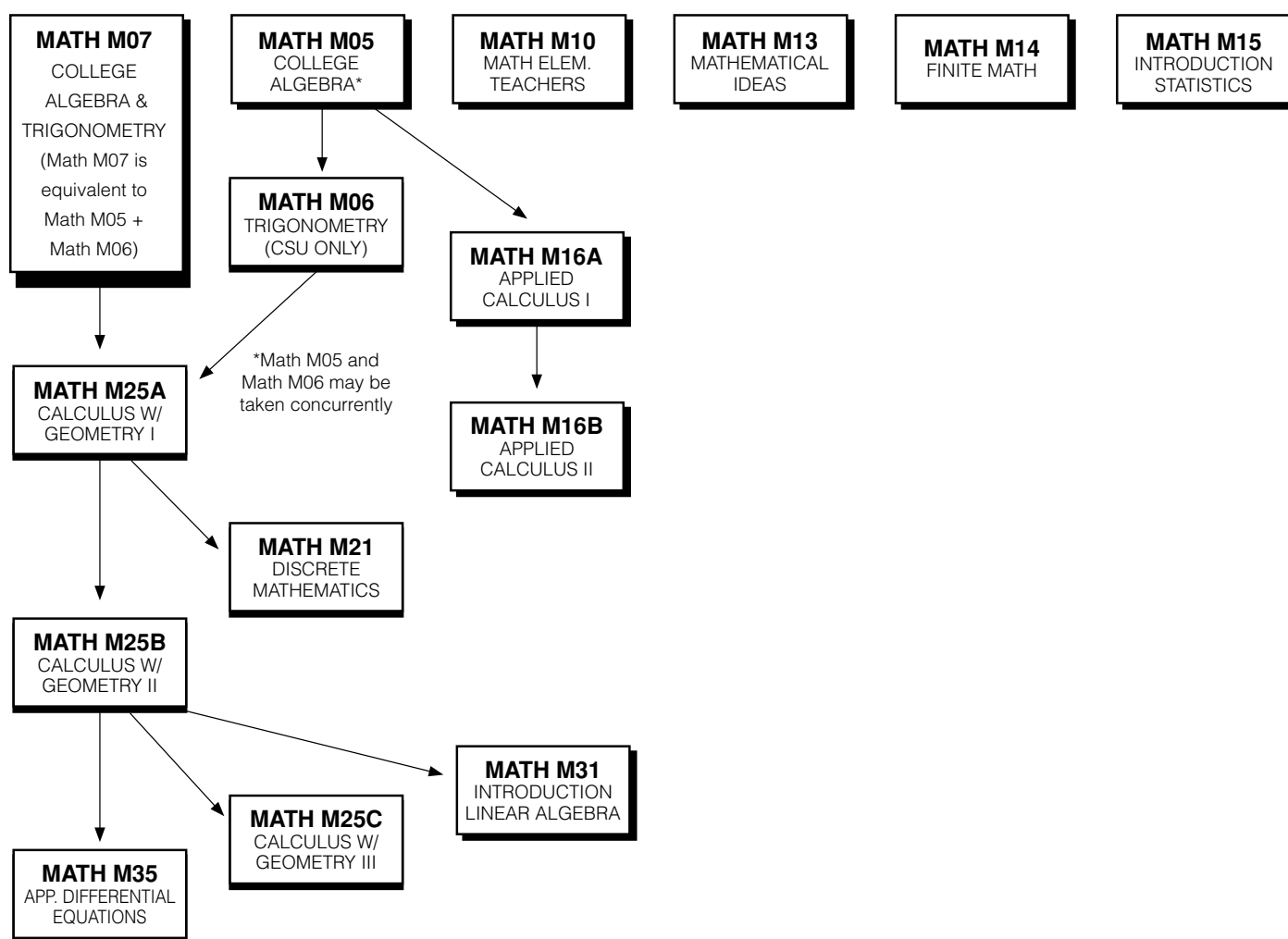
Some students prefer to take slower paced math classes, which spread each of the above classes out over a full year each, for a total of 6 semesters. Taking both A+B courses below is equal to the full course listed above. For example, Math M01A and Math M01B equal Math M01



Transferable Math Courses

All transferable math courses have prerequisites. Students cannot enroll in transferable courses unless they have a C or better in the prerequisite course. Please see the previous page for non-transferable courses which are the prerequisites.

Because different universities and majors require different math preparation, students should consult with a counselor to ensure they select the course that will best prepare them for the program they wish to transfer to.



MATH M01B – 3 Units **Elementary Algebra Part B**

Recommended Prep: MATH M01A
Class Hours: 3 lecture

Includes polynomials, rational expressions, integer exponents, square roots and radical expressions, and quadratic equations and the quadratic formula. Unit credit may be received for either MATH M01 or MATH M01A and MATH M01B, not both. Applies to Associate Degree.

MATH M02 – 3 Units **Fundamentals of Geometry**

Prerequisites: None
Recommended Prep: MATH M01; MATH M03 may be taken concurrently.
Class Hours: 3 lecture

Concentrates on definitions and properties of lines, segments, planes, rays, angles, triangles, circles and polygons, congruence and similarity of triangles, coordinate systems, areas, volumes, space geometry, triangle trigonometry and methods of proof. Does not apply to the Associate Degree.

MATH M03 – 5 Units **Intermediate Algebra**

Prerequisites: None
Recommended Prep: MATH M01
Class Hours: 5 lecture

Reviews elementary algebra, including factoring, rational expressions, linear equations and inequalities. Covers determinants and Cramer's Rule, exponents and radicals, complex numbers, functions and graphs, quadratic equations, and exponential and logarithmic functions. Applies to Associate Degree.

MATH M03A – 3 Units **Intermediate Algebra Part A**

Prerequisites: None
Recommended Prep: MATH M01 or MATH M01B
Class Hours: 3 lecture

Reviews elementary algebra and covers equations, inequalities, problem solving, graphs and functions, systems of equations, polynomials, and rational polynomial expressions. First part of a two-semester course. MATH M03A and MATH M03B are equivalent to MATH M03. Unit credit may be received for either MATH M03 or MATH M03A and MATH M03B, not both. Applies to Associate Degree.

MATH M03B – 3 Units **Intermediate Algebra Part B**

Prerequisites: None
Recommended Prep: MATH M03A
Class Hours: 3 lecture

Reviews polynomials and rational polynomial expressions. Second part of a two-semester course. MATH M03A and MATH M03B are equivalent to MATH M03. Unit credit may be received for either MATH M03 or MATH M03A and MATH M03B, not both. Applies to Associate Degree.

MATH M04A – 5 Units **Elementary and Intermediate Algebra Part A**

Prerequisites: None
Recommended Prep: MATH M09
Class Hours: 5 lecture

Reviews integer and fraction computations. Covers linear equations and inequalities, graphing, linear functions, systems of linear equations, integer exponents, polynomials, factoring, rational expressions and equations. First part of a two-semester course. A passing grade in both MATH M04A and MATH M04B must be obtained in order to receive unit credit for Elementary and Intermediate Algebra. Students receiving credit in both MATH M04A and MATH M04B will not receive credit for MATH M01 or MATH M03. Applies to Associate Degree.

MATH M04B – 5 Units **Elementary and Intermediate Algebra Part B**

Prerequisites: MATH M04A
Class Hours: 5 lecture

Covers square roots, rational exponents and radicals, quadratic equations and inequalities, rational expressions and equations, complex numbers, quadratic functions and graphs, inverse functions, exponential and logarithmic functions, conic sections and matrices and determinants. Second part of a two-semester course. A passing grade in both MATH M04A and MATH M04B must be obtained in order to receive unit credit for Elementary and Intermediate Algebra. Students receiving credit in both MATH M04A and MATH M04B will not receive credit for MATH M01 or MATH M03. Applies to Associate Degree.

MATH M05 – 3 Units **College Algebra**

Prerequisites: MATH M03
Class Hours: 3 lecture

Covers polynomial functions, rational functions, theory of equations, logarithmic and exponential functions, complex numbers, mathematical induction, sequences and series, binomial theorem, and matrices and determinants. Completing MATH M05 and MATH M06 is same as completing MATH M07. Applies to Associate Degree. Transfer credit: CSU; UC (MATH M05 and M07 combined: Maximum credit one course)

MATH M06 – 3 Units **Trigonometry**

Prerequisites: MATH M05.
Class Hours: 3 lecture

Covers functions, trigonometric functions, solutions of triangles, radian measure, analytic trigonometry, trigonometric identities and equations, composite angle identities, inverse trigonometric functions, complex numbers and polar equations. Completing MATH M05 and MATH M06 is same as completing MATH M07. Applies to Associate Degree. Transfer credit: CSU

MATH M07 – 5 Units **College Algebra and Trigonometry**

Prerequisites: MATH M03
Class Hours: 5 lecture

Integrates college algebra and trigonometry. Recommended if entering MATH M25ABC sequence. Includes basic algebraic concepts, equations and inequalities of the first and second degree, functions and graphs, linear and quadratic functions, polynomial functions of higher degree, rational functions, exponential and logarithmic functions, trigonometric functions, analytical trigonometry, systems of equations and inequalities, and sequences and series. Taking MATH M05, M06, M07 receives maximum credit of 6 units. Completing MATH M07 is same as completing both MATH M05 and MATH M06. Applies to Associate Degree. Transfer credit: CSU; UC (MATH M07 and MATH M05 combined: maximum credit, one course)

MATH M09 – 3 Units **PreAlgebra**

Prerequisites: None
Class Hours: 3 lecture

Prepares students for algebra, emphasizes basic arithmetic operations on fractions, decimals, and signed numbers. Provides drills to reinforce operations. Emphasizes problem solving and practical applications on topics such as percent, proportion, and measurement. Includes Introduction to basic algebra. Does not apply to the Associate Degree.

MATH M10 – 3 Units **Mathematics for Elementary Teachers**

Prerequisites: MATH M03 or equivalent skills
Class Hours: 3 lecture

Covers language of sets; systems of numeration; nature of numbers and the fundamentals of operations; domain of integers; and fields of rational and real numbers. Satisfies credential requirements for elementary and junior high teachers and/or general education option under basic studies. Not recommended for majors in physical sciences or mathematics. Applies to Associate Degree. Transfer credit: CSU; UC

MATH M13 – 3 Units **Mathematical Ideas**

Prerequisites: MATH M03
Class Hours: 3 lecture

Introduces liberal arts students to the nature of mathematics, the character and origin of different subject fields in mathematics and the application of mathematics to several disciplines. Includes topics in logic, voting theory, management science including circuits, probability, statistics, growth and geometry and related applications such as the traveling salesman problem, fair division, symmetry in nature, and population growth. Applies to Associate Degree. Transfer credit: CSU; UC

MATH M14 – 3 Units **Finite Mathematics**

Prerequisites: MATH M03
Class Hours: 3 lecture

Introduces matrices, linear inequalities and linear programming, the mathematics of finance, and probability distributions and applications to linear programs for business, managerial, social or behavioral science students. Applies to Associate Degree. Transfer credit: CSU; UC

MATH M15 – 5 Units **Introductory Statistics**

Prerequisites: MATH M03
Class Hours: 5 lecture

Explores nature of statistical methods, including the description of sample data, probability, theoretical frequency distributions, sampling, estimation, testing hypotheses, and special topics. Provides problem solving techniques. Applies to Associate Degree. Transfer credit: CSU; UC (MATH M15 and M15H combined: maximum credit, one course)

MATH M15H – 5 Units **Honors: Introductory Statistics**

Prerequisites: MATH M03 with a grade of B or better.
Class Hours: 5 lecture

Provides honors work in the nature of statistical methods, including the description of sample data, probability, theoretical frequency distributions, sampling, estimation, testing hypothesis, and special topics. Provides problem-solving techniques. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU; UC (MATH M15H and MATH M15 combined: maximum credit, one course)

MATH M16A – 3 Units **Applied Calculus I**

Prerequisites: MATH M05 or MATH M07
Class Hours: 3 lecture

Covers limits, continuity, and differentiation. Applies differential calculus to problems in business, economics, social and biological sciences. Introduces anti-differentiation. Applies to Associate Degree. Transfer credit: CSU; UC (MATH M16A, M25A and M25AH combined: maximum credit, one course)

MATH M16B – 3 Units **Applied Calculus II**

Prerequisites: MATH M16A or MATH M25A
Class Hours: 3 lecture

Includes integration, elementary and separable differential equations, functions of several variables, partial derivatives, relative maxima and minima, Lagrange multipliers, method of least squares, double integrals, infinite series, Taylor Approximation, and Newton's method. Applies calculus to problems in business, economics, and social and biological sciences. Applies to Associate Degree. Transfer credit: CSU; UC (MATH M16B and MATH M25B combined: maximum credit, one course)

MATH M21 – 3 Units **Discrete Mathematics**

Prerequisites: MATH M25A
Recommended Prep: CS M10A
Class Hours: 3 lecture

Covers elements of discrete mathematics, which have application to computer science. Topics include logic, sets, functions, relations, mathematical induction, recurrence relations, graphs, trees, discrete probability, and Boolean algebra. Applies to Associate Degree. Transfer credit: CSU; UC

**MATH M22A/B – 0.5 to 3 Units
Independent Studies in Mathematics**

Prerequisites: A previous course in Mathematics
Class Hours: 0.5 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of mathematics through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

**MATH M25A – 5 Units
Calculus with Analytic Geometry I**

Prerequisites: MATH M05 and MATH M06 or MATH M07
Class Hours: 5 lecture

Covers limits, continuity, differentiation and integration of algebraic functions with applications, differentiation and integration of elementary transcendental functions with applications, and solutions of first order, separable differential equations with applications. Applies to Associate Degree. Transfer credit: CSU; UC (MATH M16A, M25A and M25AH combined: maximum credit, one course)

**MATH M25AH – 5 Units
Honors: Calculus with Analytic Geometry I**

Prerequisites: MATH M05 and MATH M06, or MATH M07
Recommended Prep: MATH M02
Class Hours: 5 Lecture

Provides Honors work covering limits, continuity, differentiation of algebraic functions with applications, differentiation and integration of elementary transcendental functions with applications, and solutions of first order, separable differential equations with applications. Emphasizes mathematical rigor and in depth analysis of real-world applications. Honors work challenges students to be more analytical and creative through expanded assignments and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU, UC (MATH M16A, M25A and M25AH combined: maximum credit, one course)

**MATH M25B – 5 Units
Calculus with Analytic Geometry II**

Prerequisites: MATH M25A or MATH M16B
Class Hours: 5 lecture

Reviews differentiation and integration of logarithmic and exponential functions, then covers inverse trigonometric and hyperbolic functions, techniques of integration, improper integrals and L'Hospital's Rule, sequences, series, and Taylor's Theorem, and analytical geometry including conic sections, translations, rotations, and applications of integration and differentiation. Applies to Associate Degree. Transfer credit: CSU; UC (MATH M25B and MATH M16B combined: maximum credit, one course)

**MATH M25C – 5 Units
Calculus with Analytic Geometry III**

Prerequisites: MATH M25B
Class Hours: 5 lecture

Covers vectors in plane and in three dimensional space, dot and cross products, spherical and cylindrical coordinates of several variables, partial derivatives, gradients, Lagrange multipliers, multiple integrals and their applications, vector calculus with line and surface integrals, Green's Stokes', and Divergence Theorems and applications. Applies to Associate Degree. Transfer credit: CSU; UC

**MATH M31 – 3 Units
Introduction to Linear Algebra**

Prerequisites: MATH M25B
Class Hours: 3 lecture

Covers linear systems, matrices, vector spaces, linear transformations, eigenvectors and eigenvalues, proofs, and applications. Applies to Associate Degree. Transfer credit: CSU; UC

**MATH M35 – 3 Units
Applied Differential Equations**

Prerequisites: MATH M25B
Class Hours: 3 lecture

Covers ordinary differential equations, equations with constant coefficients, variation of parameters, Laplace transforms, systems of linear equations, first order differential equations, series solutions, and existence and uniqueness of solutions. Emphasizes applications to physics and engineering as well as an Introduction to numerical solutions. Applies to Associate Degree. Transfer credit: CSU; UC

Microbiology

See Courses in Biological Sciences

Multicultural - Chicano Studies

This curriculum examines Chicano ethnic experiences in America from historical, social, cultural, and political perspectives. Chicano Studies enables students to better understand the rich heritage of the American Southwest as well as provide a baseline for further study of other ethnic groups.

Dean

Tim McGrath, Phone (805) 378-1445

Counselors

Anitra Evans, Pam Kennedy-Luna, Ofelia Romero-Motlagh

Transfer Information

Students planning to transfer need to consult with a counselor, prepare a Student Education Plan, and take advantage of support services available in the Career Transfer Center located in the Administration Building, (805) 378-1536. Transfer students interested in specializing in Chicano Studies who wish to qualify for an Associate in Arts Degree could explore International Studies or Social Sciences as a possible major.

See General Education Degree Requirements and Transfer Information.

**CHST M01 – 3 Units
The Chicano in Contemporary Society**

Prerequisites: None
Class Hours: 3 lecture

Explores the socioeconomic and political problems confronting the Chicano, emphasizing proposed solutions, similarities with other groups and the effects of social institutions on ethnic communities. (Same course as SOC M06.) Applies to Associate Degree. Transfer credit: CSU; UC

CHST M02 – 3 Units

Chicano Culture

Prerequisites: None
Class Hours: 3 lecture

Focuses on the social and cultural heritage of Middle American Chicano civilizations from the Spanish conquest to the present, emphasizing contributions in the fine arts, literature, and oral history. (Same course as ANTH M04.) Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

CHST M03 – 3 Units

Chicana Issues / La Mujer

Prerequisites: None
Class Hours: 3 lecture

Explores race, class, and gender issues for Chicanas and other Latina women within a sociological framework. Focuses on class distinctions, ethnic/racial and gender identities, division of labor in various areas, and social conditioning regarding education, health, and religion. Applies to Associate Degree. Transfer credit: CSU, UC

CHST M04 – 3 Units

History of Mexican Americans in the United States

Prerequisites: None
Class Hours: 3 lecture

A survey of the American experience from colonial beginnings to the present. Emphasizing the history of Mexican Americans. Examines the changing roles and contributions of Mexican Americans in the context of the social, political, and economic history of the United States. (Same course as HIST M04.) Applies to Associate Degree. Transfer credit: CSU; UC

CHST M08 – 3 Units

Political Patterns in the U.S.

Prerequisites: None
Class Hours: 3 lecture

Introduces fundamental principles of U.S. government, focusing on the state and local governments of the Southwest. Emphasizes the legislative process, political parties, pressure groups, local implementation policies and the political participation of Mexican Americans. Applies to Associate Degree. Transfer credit: CSU; UC

CHST M22A/B – 1 to 3 Units

Independent Studies-The Chicano

Prerequisites: A previous course in Chicano Studies
Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of Chicano Studies through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

CHST M80 – 1 to 4 Units

Internship in Chicano Studies

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.
Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20.) Applies to Associate Degree. Transfer credit: CSU

Multimedia

This program is an interdisciplinary program that could connect students across a wide range of disciplines, including business, art, graphic design, programming, performing arts, journalism, music, radio, and television. With the development of software/hardware technology that can display motion graphics and the realization of a graphical user interface for the Internet, millions of people all over the globe are regular users of a medium that is earning billions of dollars annually.

Dean

Julius Sokenu, Phone (805) 378-1448

Full-time Faculty

John Grzywacz-Gray, Svetlana Kasalovic

Counselors

Denice Avila

Degree and Certificate of Achievement Options in Multimedia

Associate Degree in Multimedia

To earn an Associate in Science Degree with a major in Multimedia, students complete 31-40 units, plus General Education courses.

Certificate of Achievement Options in Multimedia (more than 18 units)

To earn a Certificate of Achievement in Multimedia students complete 31-40 specified units. The program offers several options for students: Multimedia Design, WWW Design, Multimedia Business, Multimedia Communications, Multimedia Broadcast and Multimedia Animation.

Required Courses.....	Units
MM M10.....Introduction to Digital Media	3.0
MM M20.....Web Design	3.0
MM M30.....Motion Graphics.....	3.0
MM M40.....Introduction to 3D Modeling and Animation	3.0
MM M50.....Interactive Design.....	3.0
MM M80.....Internship in Multimedia	1.0
MM M90.....Interactive Portfolio.....	3.0
Units from One of the RECOMMENDED OPTIONS	12.0-21.0
TOTAL	31.0-40.0

Recommended Options: Choose one of the following

Multimedia Design Option (complete 12 specified units)	
ART M20.....2 Dimensional Design	3.0
PHOT M01A.....Beginning Photography.....	3.0
Six Units from the following Courses.....	6.0
ART M13.....History of Art: Modern through Contemporary.....	3.0
GR M26.....Computer Illustration	3.0
GR M27.....Electronic and Digital Photography	3.0
GR M31.....Graphic Design I	3.0
GR M34.....Lettering and Typography	2.0

OR

WWW Design Option (complete 12 specified units)	
ART M202 Dimensional Design	3.0
ART M30Drawing and Composition I.....	3.0
Six Units from the Following Courses.....	6.0
CIS M50.....Introduction to Local Area Networks	3.0
CIS M52.....Introduction to Microsoft Windows NT	3.0
CIS M60C.....Internet and WWW I.....	1.0
CIS M30.....Web Page Design I	1.5
CS M03.....Comp. Hardware and Systems Software	3.0
CS M10A.....Introduction to Programming using Structured C++	4.0
CS M10B.....Object-Oriented Programming using C++	4.0
CS M10J.....Java Fundamentals	4.0

OR

Multimedia Business Option (complete 15 specified units)	
BUS M30Introduction to Business and Economics.....	3.0
BUS M31Introduction to Management	3.0
BUS M32Small Business Management.....	3.0
BUS M33Business Law	3.0

OR

BUS M34Legal Environment of Business	3.0
BUS M37Marketing.....	3.0

OR

Multimedia Communications Option (complete 18 specified units)	
JOUR M01Media and Society	3.0
FILM M26.....History of International Cinema II: WWII to the Present ...	3.0
COMM M01Introduction to Speech	3.0
RT M05Radio/Television Script Writing.....	3.0
Six Units from the Following Courses.....	6.0
THA M01Introduction to the Theatre	3.0
DANC M12A.....Modern Dance I	1.5
GR M20Mac/IBM Operating Systems	2.0
GR M23Introduction to Comp. Graphics/Macintosh	3.0
PHOT M01A.....Beginning Photography	3.0
RT M02ABroadcast Studio Operations	3.0
RT M02BElectronic Field Production/Post	3.0
RT M07ARadio Production Workshop	3.0

OR

Multimedia Broadcast Option (complete 18 specified units)	
RT M01Media and Society	3.0
RT M02ABroadcast Studio Operations	3.0
RT M02BElectronic Field Production/Post Prod.....	3.0
RT M03ATelevision Production Workshop	3.0
RT M05Radio/Television Script Writing.....	3.0
RT M07ARadio Production Workshop	3.0

OR

Multimedia Animation Option (complete 21 specified units)	
ART M202 Dimensional Design	3.0
ART M30Drawing and Composition I.....	3.0
PHOT M01A.....Beginning Photography.....	3.0
THA M09Acting for Film and TV.....	3.0
DANC M12A.....Modern Dance I-Fundamentals	1.5
DANC M12B.....Modern Dance II-Beginning	1.5
DRFT M203D Modeling (Computer Animation)	3.0
DRFT M21Technical/Computer Animation	3.0

Multimedia Courses

**MM M10 – 3 Units
Introduction to Digital Media**

Prerequisites: None
 Recommended Prep: Eligibility for English M01A
 Class Hours: 2 lecture, 3 lab

Introduction to the technology, concepts and principles of production used in the New Media industry. Beginning with 2D and 3D presentations, students will look at integration of graphics, text, sound and video for platforms such as the World Wide Web, CD-ROM, DVD, and interactive television. Students will learn to think critically about design for multimedia, while considering the practical, technical, production, and budgetary constraints. Students will also study the history of Multimedia, and gain hands-on experience in the basics of multimedia design and production using Adobe Photoshop and Macromedia Flash. (Formerly MM M01) Applies to Associate Degree. Transfer credit: CSU

**MM M20 – 3 Units
Web Design**

Prerequisites: None
 Recommended Prep: Eligibility for English M01A. Computer fundamentals including operating systems, file management, word processing, MM M10 and CIS M30.
 Class Hours: 2 lecture, 3 lab

Introduction to the fundamental aspects of web design, including information architecture, interface design, usability, color theory, web graphics, file formats and hosting. Still images, simple animation, type, desktop video and sound, and basic interactivity will be used in the design process. Students will produce projects from concepts to completion using Macromedia Fireworks, Flash, Dreamweaver. (Formerly MM M02) Applies to Associate Degree. Transfer credit: CSU

**MM M30 – 3 Units
Motion Graphics**

Prerequisites: None
 Recommended Prep: Eligibility for English M01A. Computer fundamentals including operating systems, file management, word processing and MM M10 and RT M02A
 Class Hours: 2 lecture, 3 lab

Develops the concepts, skills and techniques used in creating and editing motion graphics through hands-on digital video production exercises. Fundamental principles of time-based design, including forms of narrative, storyboarding, composition, visual design and sound and motion will be explored. Using video editing software and Adobe After Effects, students will produce projects from concept to completion. (Formerly MM M03) Applies to Associate Degree. Transfer credit: CSU

**MM M40 – 3 Units
Introduction to 3D Modeling and Animation**

Prerequisites: None
 Recommended Prep: MM M10 and Eligibility for English M01A
 Class Hours: 2 lecture, 3 lab

Introduces the fundamental concepts of 3D computer design, including: modeling, texture mapping and animation. Students create character animation, construct set designs, and complete an independent animated project. Emphasis is upon the conceptual issues and strategies in project development, as well as a working knowledge of Cinema 3D software. (Formerly MM M04) Applies to Associate Degree. Transfer credit: CSU

MM M50 – 3 Units

Interactive Design

Prerequisites: None

Recommended Prep: MM M20 and Eligibility for English M01A. Web Design Fundamentals.

Class Hours: 2 lecture, 3 lab

Focuses on the total design of web and interactive media application. Topics include design issues and methodology, design and implementation of audio, video, and 3D elements, production processes, teamwork, compatibility issues, optimization, and testing. Working in teams, students will participate in a directed design and implementation of an interactive media application using Cinema 4D, Adobe After Effects, and Macromedia Flash. (Formerly MM M05) Applies to Associate Degree. Transfer credit: CSU

MM M60A-Z – 0.5 to 3 Units

Topics in Multimedia

Prerequisites: A previous college course in the discipline

Corequisite: To be determined

Class Hours: 0.5 to 3 lab as arranged

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the semester's Schedule of Classes.

Applies to Associate Degree. Transfer credit: CSU

MM M80 – 1 to 4 Units

Internship in Multimedia

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

MM M90 – 3 Units

Interactive Portfolio

Prerequisites: Course(s) MM M10 or GR M23, and MM M20

Recommended Prep: Minimum of five design, photography, fine arts, or new media projects for portfolio development.

Class Hours: 2 lecture, 3 lab

Develop and present a professional multimedia portfolio. Emphasis is on appropriate selection of work, concept improvement and methods of presentation. Using Flash, Dreamweaver, Cinema 4D and After Effects, students will create an interactive portfolio integrating video, photo-quality images, audio, animation, 3D models, text and Macromedia Flash content for CD, DVD, or the web delivery. (Formerly MM M06.) May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

Music

The Moorpark College Music Department offers a wide variety of classes designed for both the aspiring professional musician who wishes to continue studies at the university level and the knowledgeable amateur eager to understand and appreciate the important role music occupies in this society.

Dean

Patricia Ewins, Phone (805) 378-1408

Full-time Faculty

Orbie Ingersoll, Vail Keck, Dolly E. Kessner, James Song, Joan Thompson

Counselors

Denice Avila

Degree and Certificate Options in Music

Associate Degree in Music

To earn an Associate in Arts Degree with a major in Music, students complete 38-40 specified units, plus General Education Degree Requirements. This program is designed for students interested in specializing in music education leading to transfer to most universities and/or a professional career in music. Specialized options are provided in Instrumental Music, Keyboard Music, Music Theory and Composition and Vocal Music.

In addition to General Education Degree Requirements, complete the following:

Required Courses	Units
MUS M02A.....Theory I - Diatonic Harmony	3.0
MUS M02AL.....Musicianship I.....	2.0
MUS M02B.....Theory II - Chromatic Harmony.....	3.0
MUS M02BL.....Musicianship II.....	2.0
MUS M02C.....Theory III - Musical Analysis	3.0
MUS M02CL.....Musicianship III	2.0
MUS M02D.....Theory IV - Counterpoint	3.0
MUS M02DL.....Musicianship IV.....	2.0
MUS M25C/D.....Class Piano – Intermediate I and II	2.0/2.0
MUS M29.....Repertoire Class (taken twice)	1.0/1.0
MUS M30A-G.....Applied Music (taken twice)	1.0/1.0
Units from One of the RECOMMENDED OPTIONS.....	10.0-12.0
TOTAL (minimum)	38.0-40.0

Recommended Options: Choose one of the following:

Instrumental Music (complete specified units)	
One ensemble course each semester for 4 semesters	8.0
MUS M15.....Moorpark Community Orchestra	2.0
MUS M18.....Studio Jazz Ensemble.....	2.0
MUS M19.....Chamber Ensembles.....	2.0
MUS M21.....Wind Ensemble.....	2.0
Two units (minimum) from the following:	
MUS M14.....Fundamentals of Instrumental Technique	2.0
MUS M25A.....Class Piano – Beginning I.....	2.0
MUS M25B.....Class Piano- Beginning II	2.0
OR	
Keyboard Music	
MUS M25A/B.....Class Piano – Beginning I and II.....	2.0/2.0
One ensemble course each semester for 4 semesters	8.0
MUS M19.....Chamber Ensembles	2.0
MUS M20.....Piano Ensemble.....	2.0

OR
 Music Theory and Composition (complete specified units)
 One ensemble course each semester for 4 semesters8.0
 Ensemble choice based on student's specialization..... 2.0/2.0
 Two units (minimum) from the following.....2.0
 MUS M14.....Fundamentals of Instrumental Technique2.0
 MUS M25A/B.....Class Piano – Beginning I and II..... 2.0/2.0

OR
 Vocal Music Specialization
 One ensemble course each semester for 4 semesters 8.0
 MUS M10.....Concert Choir2.0
 MUS M16.....Opera Theatre2.0
 Two units (minimum) from the following.....2.0
 MUS M13A/B.....Fundamentals of Vocal Technique I and II..... 2.0/2.0
 MUS M13C/D.....Advanced Vocal Development I and II.....2.0/2.0
 MUS M25A/B.....Class Piano – Beginning I and II.....2.0/2.0
 See General Education Degree Requirements and Transfer Information.

Certificate of Achievement in Music (more than 18 units)
 To earn a Certificate of Achievement in Music, students complete 31-33 specified units. This program is designed to provide the student with the basic training, knowledge and conducting skills necessary for accepting a position as a church or community choral director.

Required Courses.....	Units
MUS M01.....Fundamentals of Music.....	3.0
MUS M02A.....Theory I - Diatonic Harmony.....	3.0
MUS M02AL.....Musicianship I.....	2.0
MUS M02B.....Theory II - Chromatic Harmony.....	3.0
MUS M02BL.....Musicianship II.....	2.0
MUS M09A.....Music History and Literature.....	3.0
Units from One of the RECOMMENDED OPTIONS.....	15.0-17.0
TOTAL	31.0-33.0

Recommended Options: Choose one of the following

Choral Conducting Option (complete 16 specified units)
 MUS M10.....Concert Choir2.0
 MUS M13A/B.....Fundamentals of Vocal Technique I and II..... 2.0/2.0
 MUS M25A/B.....Class Piano – Beginning I and II..... 2.0/2.0
 MUS M27.....Choral Conducting.....2.0
 MUS M60E.....Choral Conducting Seminar.....3.0

OR
 Instrumental Conducting Option (complete 15 specified units)
 MUS M09B.....Music History and Literature3.0
 MUS M19.....Chamber Ensembles.....2.0
 MUS M21.....Wind Ensemble.....2.0
 MUS M22A/B.....Independent Studies in Music..... 1.0/1.0
 MUS M25A/B.....Class Piano – Beginning I and II..... 2.0/2.0
 MUS M28.....Instrumental Conducting.....2.0

OR
 Vocal Performance Option (Complete 16 specified units)
 MUS M10.....Concert Choir2.0
 MUS M13A/B.....Fundamentals of Vocal Technique I and II..... 2.0/2.0
 MUS M13C/D.....Advanced Vocal Development I and II..... 2.0/2.0
 MUS M16.....Opera Theatre2.0
 MUS M25A/B.....Class Piano – Beginning I and II..... 2.0/2.0

Music Courses

**MUS M01 – 3 Units
 Fundamentals of Music**

Prerequisites: None
 Class Hours: 3 lecture

Introduces music theory, notation, intervals, scales, triads, sight singing, and dictation. This course is designed for the student with little or no prior experience in music. Applies to Associate Degree. Transfer credit: CSU; UC (no credit if taken after MUS M02A). For music majors and minors to fulfill the prerequisite for MUS M02A.

**MUS M02A – 3 Units
 Theory I - Diatonic Harmony**

Prerequisites: MUS M01
 Corequisite: MUS M02AL
 Class Hours: 3 lecture

Studies diatonic harmonic vocabulary, four-part chorale writing and voice leading, figured bass, harmonic progression, melodic invention and harmonization and nonharmonic tones. Applies to Associate Degree. Transfer credit: CSU; UC

**MUS M02AL – 2 Units
 Musicianship I**

Prerequisites: None
 Corequisite: MUS M02A
 Class Hours: 1 lecture, 3 lab

Includes sight singing, as well as rhythmic, melodic, and diatonic harmonic dictation to correlate to harmonic vocabulary of MUS M02A. Makes extensive use of Music Learning Center. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

**MUS M02B – 3 Units
 Theory II - Chromatic Harmony**

Prerequisites: MUS M02A, MUS M02AL
 Corequisite: MUS M02BL
 Class Hours: 3 lecture

Emphasizes pivot chord modulation. Studies chromatic harmonic vocabulary, foreign key modulation, keyboard and instrumental styles, and composition. Applies to Associate Degree. Transfer credit: CSU; UC

**MUS M02BL – 2 Units
 Musicianship II**

Prerequisites: MUS M02A, MUS M02AL
 Corequisite: MUS M02B
 Class Hours: 1 lecture, 3 lab

Develops aural skills Introduced in MUS M02AL sight singing in solfege, rhythmic clapping, and dictation (rhythmic, melodic, and harmonic), which use the diatonic harmonic vocabulary. Gradually adds chromatic harmonic vocabulary to all aspects of aural skills as the theoretical concept is clarified. Emphasizes computer-aided instruction in the Music Learning Center. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M02C – 3 Units**Theory III - Musical Analysis**

Prerequisites: MUS M02B, MUS M02BL

Corequisite: MUS M02CL

Class Hours: 3 lecture

Examination of complex harmonic problems and musical form while surveying musical literature from the Baroque to the early 20th century. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M02CL – 2 Units**Musicianship III**

Prerequisites: MUS M02B, MUS M02BL

Corequisite: MUS M02C

Class Hours: 1 lecture, 3 lab

Develops aural skills introduced in MUS M02BL. Emphasizes individualized work in Music Learning Center. Includes complex drill in all areas of musicianship including keyboard harmony. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M02D – 3 Units**Theory IV - Counterpoint**

Prerequisites: MUS M02B, MUS M02BL

Corequisite: MUS M02DL

Class Hours: 3 lecture

Introduces analysis and composition of 18th century contrapuntal forms in the style of J.S. Bach through the modified 16th century species approach. Requires composition of a two-part invention and a three-part fugue. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M02DL – 2 Units**Musicianship IV**

Prerequisites: MUS M02B, MUS M02BL

Corequisite: MUS M02D

Class Hours: 1 lecture, 3 lab

Emphasizes individual work in the Music Learning Center to strengthen weaker areas of aural skills. Focuses on two-voice melodic dictation, speed drill of intervals, dictation of the soprano and bass factors of a harmonic progression, and keyboard harmony. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M03 – 3 Units**Introduction to Music Technology**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces the concepts, techniques, terminology and uses of music technology; also addresses ethical, aesthetic, economic, and social problems in technology applications. Lab components address usage of current hardware and software for music notation, sequencing, synthesis, digital audio, and music performance and practice. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M04 – 3 Units**Survey of World Music**

Prerequisites: None

Class Hours: 3 lecture

Surveys selected world music traditions, examining style, performance practice, and cultural context. Reviews the range and diversity of musical expression in a variety of world cultures, Western and Non-Western, expanding appreciation. Requires field trips and concert attendance. Applies to Associate Degree. Transfer credit: CSU; UC (MUS M04 and M04H combined: maximum credit, one course)

MUS M04H – 3 Units**Honors: Survey of World Music**

Prerequisites: None

Class Hours: 3 lecture

Provides honors work that surveys selected world music traditions, examining style, performance practice, and cultural context. Reviews the range and diversity of musical expression in a variety of world cultures, Western and Non-Western, expanding appreciation. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Requires field trips and concert attendance. Applies to Associate Degree. Transfer credit: CSU; UC (MUS M04H and MUS M04 combined: maximum credit, one course)

MUS M08 – 3 Units**Music Appreciation**

Prerequisites: None

Class Hours: 3 lecture

Introduces history of music, emphasizing understanding and enjoyment. Investigates basic elements of music, including structure of musical compositions as well as orchestral instrumentation. Focuses on styles, characteristics and composers representative of (but not limited to) Western classical tradition, with directed listening of major musical examples. Not recommended for Music majors. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M09A – 3 Units**Music History and Literature**

Prerequisites: None

Class Hours: 3 lecture

Explores musical activity, influences, and contributions of Greek and Roman civilizations. Traces development of music of Western world from Romanesque period to Baroque, including major composers as well as instrumental and vocal forms of each period. Requires listening to, identifying, and analyzing representative works of each period. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M09B – 3 Units**Music History and Literature**

Prerequisites: None

Class Hours: 3 lecture

Studies changing styles, techniques, and forms of music from the middle of the 18th century to the present, emphasizing artistic philosophy of each period. Analyzes style and form of representative works. Requires listening and analysis outside of classroom. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M10 – 2 Units**Concert Choir**

Prerequisites: None

Class Hours: 1 lecture, 3 lab

Singing organization. Teaches choral music selected from the Renaissance, Baroque, Classical, Romantic, and Modern Periods. Includes performing in on-campus concerts, high school assembly programs, community college choral festivals, and other community events. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M12 – 2 Units**Vocal Ensemble**

Prerequisites: Audition

Class Hours: 1 lecture, 3 lab

Select group of singers known as Renaissance Singers. Studies and performs suitable choral music from all periods. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M13A – 2 Units**Fundamentals of Vocal Technique I**

Prerequisites: None

Class Hours: 1 lecture, 3 lab

Begins development of vocal potential to correct faulty singing and to lay foundation for proper vocal production. Emphasizes vocal exercises as well as material sung in Italian, English and German. Designed for both majors and non-majors. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M13B – 2 Units**Fundamentals of Vocal Technique II**

Prerequisites: MUS M13A

Class Hours: 1 lecture, 3 lab

Expands vocal development through advanced vocal exercises and the Introduction of advanced material, including art songs, opera and oratorio literature. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M13C – 2 Units**Advanced Vocal Development I**

Prerequisites: MUS M13B

Class Hours: 1 lecture, 3 lab

Continues development of a proper vocal production. Includes English, Italian, German, French art songs and more demanding opera and oratorio literature. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M13D – 2 Units**Advanced Vocal Development II**

Prerequisites: MUS M13C

Class Hours: 1 lecture, 3 lab

Further expands vocal development through study and performance. Includes more challenging material, emphasizing operatic and oratorio literature as well as more difficult art songs. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M15 – 1 to 2 Units**Moorpark Community Orchestra**

Prerequisites: Ability to read music and proficiency on orchestral instrument

Class Hours: 0.5 to 1 lecture, 1.5 to 3 lab

Provides rehearsals and public performances for instrumentalists. Focuses on standard orchestral repertoire, ranging from chamber music to symphonies covering Renaissance to modern periods. Requires performances. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M16 – 2 Units**Opera Theatre**

Prerequisites: MUS M13C

Class Hours: 1 lecture, 3 lab

Introduces song literature from musical theatre, focusing on the study and performance of operas and musicals in excerpt or as complete productions. Designed for singers with proven ability and interest in drama. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M18 – 2 Units**Studio Jazz Ensemble**

Prerequisites: Ability to play a musical instrument appropriate to Jazz Ensemble (piano, percussion, sax, trumpet, guitar, bass guitar, or electronic instruments)

Class Hours: 1 lecture, 3 lab

Students will learn the basics of participation and performance in small and large jazz ensembles, including sight-reading, jazz chord theory, and improvisation. Participation in concert is required. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M19 – 2 Units**Chamber Ensembles**

Prerequisites: None

Recommended Prep: Ability to play a musical instrument and to read music notation

Class Hours: 1 lecture, 3 lab

Within a chamber ensemble setting, students will study, rehearse, and perform chamber music literature from the Renaissance to the Twentieth Century. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M20 – 2 Units**Piano Ensemble**

Prerequisites: MUS M25B

Class Hours: 1 lecture, 3 lab

Covers piano literature for one piano/four hands and for two pianos/four hands. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M21 – 2 Units**Wind Ensemble**

Prerequisites: Ability to perform on a standard band instrument

Class Hours: 1 lecture, 3 lab

Provides rehearsals and public performances for wind and percussion instrumentalists, focusing on a standard wind ensemble and symphonic band repertoire. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M22A/B – 1 to 3 Units
Independent Studies in Music

Prerequisites: A previous course in Music

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of music through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

MUS M25A – 2 Units
Class Piano Beginning I

Prerequisites: None

Class Hours: 1 lecture, 3 lab

Designed for students with little or no prior piano experience. Includes the fundamentals of piano playing, music reading, technique, improvisation, scales, chords, and simple piano literature. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M25B – 2 Units
Class Piano Beginning II

Prerequisites: None

Recommended Prep: MUS M25A

Class Hours: 1 lecture, 3 lab

Designed for students with basic music reading ability and keyboard coordination. Includes the further development of greater independence of hands and reinforces the fundamentals of piano playing, including music reading, technique, improvisation, scales, chords, and simple piano literature. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M25C – 2 Units
Class Piano Intermediate I

Prerequisites: MUS M25B

Class Hours: 1 lecture, 3 lab

Provides further development of greater independence of hands and reinforces the fundamentals of piano playing, including music reading, technique, improvisation, scales, and chords. Includes an overview and study of the teaching pieces of the major important composers. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M25D – 2 Units
Class Piano Intermediate II

Prerequisites: MUS M25C

Class Hours: 1 lecture, 3 lab

Provides further development of greater independence of hands and reinforces the fundamentals of piano playing, including music reading, technique, improvisation, scales, and chords. Includes an overview and study of intermediate-advanced pieces of the major important composers. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M27 – 2 Units
Choral Conducting

Prerequisites: None

Class Hours: 2 lecture, 1 lab

Introduces basic conducting techniques, including the 2/4, 3/4, 4/4, 6/8, 3/8, 2/8 and subdivided beat patterns. Includes perusal of video recording to assist learning. Provides live and prepared cassette recordings for conducting practice. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M28 – 2 Units
Instrumental Conducting

Prerequisites: MUS M01

Class Hours: 1 lecture, 3 lab

Studies basic conducting techniques of various instrumental organizations, exploring instrumental literature as well as style, performance and interpretation. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M29 – 1 Unit
Repertoire Class

Prerequisites: Acceptance into MUS M30

Corequisite: MUS M30

Class Hours: 1 lecture

Requires performance of musical literature studied in MUS M30. Provides critique by instructor and class. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M30A-G – 1 Unit
**Applied Music - Woodwind/Brass/Strings/Piano/
Classical Guitar/Percussion/Voice**

Prerequisites: AUDITION REQUIRED (Audition based on repertoire standards published by Music Dept.) Performance at college level to be accepted into MUS 30 Applied Music Program.

Corequisite: Repertoire Class: MUS M29

Music Theory: MUS M02A/M02AL, or MUS M02B/M02BL, or MUS M02C/M02CL, or MUS M02D/M02DL

Performance Ensemble: MUS M10, MUS M12, MUS M15, MUS M18, MUS M19, MUS M20, MUS M21

Class Hours: 1 lecture, 6 lab

Offers individual instruction by approved instructors in performance of literature for the individual instrument. Provides a one-hour private lesson and requires six hours of practice on campus per week. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M32 – 2 Units
Class Guitar

Prerequisites: None

Class Hours: 1 lecture, 3 lab

Introduces basic skills required to play and read simple melodies, scales, arpeggios and chords on classical and acoustic guitars. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M50 – 3 Units **Performing Arts Management**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces the marketing, promotion and sales of theatrical, music, dance and all other performance events. Studies the theories and practices of selecting a subscription season, creating marketing materials, operating the box office and interfacing with the public in the “front of the house.” The practical lab component requires participation in various management and services activities throughout a Performing Arts Center. (Same as DANC M50 and THA M50)

Applies to Associate Degree. Transfer credit: CSU

MUS M60A-Z – 1 to 3 Units **Topics in Music**

Prerequisites: To be determined

Class Hours: To be determined

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the semester's Schedule of Classes. Transfer credit: determined by transfer institution.

Developed topics include:

MUS M60E – 3 Units **Choral Conducting Seminar**

Prerequisites: MUS M27

Class Hours: 3 lecture

Addresses problems facing the choral director. Focuses on understanding the historical background of choral conducting, the director's role as interpreter, the selection of appropriate choral materials, the stylistic differences of choral music from various periods, the efficient use of rehearsal techniques, and of conducting the performance. Applies to Associate Degree. Transfer credit: CSU; UC

MUS M60T – 2 Units **Masterworks Abroad**

Prerequisites: Audition

Class Hours: 6 lab

Combines preparatory rehearsals on campus with concert performances, seminars, lectures, and related cultural activities on tour abroad. Designed for experienced singers. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU

MUS M80 – 1 to 4 Units **Internship in Music**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

Nursing Science

The nationally accredited Associate Degree in Nursing (ADN) is intended to develop the necessary knowledge and skill basic to the function of registered nurses in the direct care of patients. The nursing program is accredited by the California State Board of Registered Nursing and by the National League of Nursing Accrediting Commission (NLNAC). Contact information for NLNAC: 61 Broadway, 33rd Floor, New York, NY 10006

Dean

Lori Bennett, Phone (805) 378-1515

Full-time Faculty

Shara Chess, Argelia Clifford, Jamee D'Angelo, Janeen Gallego, Carol Higashida, Linda Loiselle, Carolyn McKinney, Argelia Clifford, Dalila Sankaran, Carol Velas

Counselors

Frank Bianchino, Danita Redd

Application Procedure

The application period for receipt by the Nursing counselors of all applicant information and transcripts is September 1 - October 15, and February 1 - March 15. Applications are available online at http://moorparkcollege.edu/htdocs/hsi/nursing_admission.html.

Moorpark College uses a prerequisite system and an assessment/readiness test, recommended by California Chancellor's Office, to determine program remediation and admission. The prerequisite system is based on a formula that takes into consideration – overall GPA, GPA in core biological sciences (Anatomy, Physiology and Microbiology), number of repeats in the core biological sciences, and English GPA. The composite of these factors generates a Success Score. The assessment/readiness test will be administered to students who meet and exceed a minimum Success Score. The cost of administering the assessment/readiness test to the pre-selected group will be borne by the college. Students who have met the passing score established for the assessment/readiness test will be eligible for program enrollment. Students who do not meet the minimum scores on either the Success Score or the assessment/readiness test will be given a waiting list number but are required to complete remediation courses with a grade of C or better prior to admission into the program.

Enrollment Process

- Upon meeting the qualifying requirements (Step 1) and the Prerequisite Science Courses (Step 3) with a C or better and an overall GPA of 2.5 or better, students may submit an application to a Nursing Counselor from September 1 to October 15 or February 15 to March 15 of each year. All official College and High School transcripts must be submitted with the application.
- Because the program is impacted, there will be a random selection of qualified applicants, a number will be assigned to each applicant, and the applicant's name will be placed on a waiting list: Each student's number will indicate his/her place in “LINE” to enter the program. Applicants are admitted to the nursing program by number order.
- There will be alternates selected for each admission class to serve on standby for admission until the end of the first week of class. If not admitted, these alternates will be first admissions into the next class.
- The Health Science Department will contact applicants regarding acceptance/admission.
- Admission may be denied to an applicant who has failed or withdrew failing from a program and whose overall record makes program completion unlikely (example: two program withdrawals); or who has health and/or safety deficits which place clients at risk.

Admission Requirements

STEP 1:

Qualifying Requirements: High school graduation or General Education Development (GED) Exam with a score of 45 or successfully pass the California High School Proficiency Exam (CHSPE).

STEP 2:

Self Placement Assessment

Prerequisites to the required science courses at Moorpark College

Required Courses	Units
MATH M01*.....Elementary Algebra or higher*	5.0
CHEM M11.....Foundations of General, Organic and Biochemistry.....	5.0
BIOL M02A.....General Biology	4.0

*Please note MATH M05 is required to transfer to Cal State System.

STEP 3:

Prerequisites Courses for Application to ADN Program

Required Courses	Units
ANAT M01and PHSO M01General Anatomy and Human Physiology	4.0/5.0
MICR M01.....General Microbiology.....	5.0
HS M16N**.....Basic Skills for the Nurse or Current CNA	0.5
ENGL M01A.....English Composition.....	4.0

All courses in the nursing major must be completed with a Grade of C or better.
**HS M16N may be completed after application to the program, but before entrance into NS M01.

STEP 4:

Required general education courses for licensure

These courses must be taken prior to the last semester of the ADN Program. These courses are necessary to be eligible to take the Licensing Examination (NCLEX) to become an RN.

Required Courses	Units
PSY M01.....Introduction to Psychology.....	3.0
COMM M01.....Introduction to Speech	3.0

SOC M01 or ANTH M02Introduction to Sociology or Cultural Anthropology .3.0
Required general education courses for associate degree
The following courses are necessary for the Associate Degree and must be completed prior to graduation.

Recommended Course	Units
Fine or Performing Arts - Course of Choice.....	3.0
American History/Institutions U.S. History or Political Science.....	3.0
Humanities- Course of Choice.....	3.0
Communication and Analytical Thinking ENGL M01B, ENGL M01C, PHIL M05, PHIL M09	
PHIL M07, COMM M07 or COMM M12	3.0
Physical Science CHEM M01 (need for transfer to BSN) or CHEM M11	5.0 or 6.0
Physical Education - Course of choice	1.5

Required Courses	Unit
NS M01.....Beginning Nursing Science	4.0
NS M01L.....Beginning Nursing Science Clinical Lab I.....	4.5
NS M02.....Intermediate Nursing Science I.....	5.0
NS M02L.....Interm. Nursing Science Clinical Lab I.....	4.5
NS M03.....Intermediate Nursing Science II	5.0
NS M03L.....Interm. Nursing Science Clinical Lab II.....	5.0
NS M04.....Advanced Nursing Science	4.0
NS M04L.....Advanced Nursing Science Clinical Lab.....	5.0
TOTAL	37.0

Recommended Courses	Units
NS M11.....Nursing Skills Laboratory I	1.0
NS M12.....Nursing Skills Laboratory II.....	1.0
NS M13.....Nursing Skills Laboratory III.....	1.0
NS M14.....Nursing Skills Laboratory IV	1.0
TOTAL	4.0

Program Requirements

After students have been admitted, the following requirements must be met:

- A Physical Exam documented on the Moorpark College Nursing Health Appraisal form, which considers the student free from communicable diseases and ability to function in a hospital setting.
- Proof of Immunity to Rubella, Mumps, Rubella, Hepatitis B, Varicella, and two-step TB.
- Evidence of physical and emotional fitness upon admission throughout the program is expected and is subject to the medical opinion of the college physician and to the medical opinion or policy of hospitals or agencies used as clinical sites.
- Current Cardiopulmonary Resuscitation C certification, CPR for Health Care Provider or CPR for Professional/Rescuer.
- Fire Safety Card (Los Angeles County).
- Criminal background check and drug screening fee paid by student and completed by an agency approved through the Health Sciences Department before placement into a clinical site. The Health Sciences Department is unable to place students in clinical settings if they have a positive criminal background check or drug screen. Therefore, the student will not be able to complete the required program of courses.

Ethical Expectations

All students admitted to the Nursing program are expected to maintain the highest personal and ethical standards of conduct consistent with professional standards as perceived by the faculty and professional personnel in the agencies used as extended campus sites. Any information indicating that such standards are not maintained is subject to review by members of the faculty who may recommend to the college dismissal from the nursing program. The conviction of a felony may prohibit licensure as a Health Care professional. Each case is reviewed and determined by the California Board of Registered Nursing. The Board considers the nature and severity of the offense, subsequent acts or crimes, compliance with the sanctions, and evidence of rehabilitation (www.rn.ca.gov).

Performance Standards

In compliance with the 1990 American with Disabilities Act, the Health Sciences Department does not discriminate against qualified applicants with disabilities. These performance standards, reflected in specific nursing course/program objectives, are to assist each applicant in determining eligibility and the need for accommodations or modifications. The Nursing Faculty in conjunction with the community clinical facilities will determine, on an individual basis, whether the necessary accommodations or modifications can reasonably be made.

- Critical Thinking - ability sufficient for safe clinical judgment: calculating, reasoning, analyzing, prioritizing, synthesizing data. Examples: identify cause/effect relationships in clinical situations, develop nursing care plans.
- Interpersonal - in providing nursing care, the abilities sufficient to interact with individuals, families, and groups with diverse social, emotional, cultural, and intellectual backgrounds: function effectively under stress. Example: Establish rapport with diverse clients and effectively interact with colleagues as part of the health care team.
- Communication - abilities sufficient for effective verbal and written interactions. Examples: Explain diagnostic treatment procedures, health teaching, document and interpret actions and client responses.

- **Mobility** - physical abilities sufficient to move from room to room, maneuver in small spaces and reach overhead equipment. Examples: Move around clients' rooms, equipment/machines, workspaces, and diagnostic/ treatment areas; administer emergency/CPR procedures.
- **Motor Skills** - gross and fine motor abilities sufficient to provide safe and effective care. Examples: Calibrate, move and use equipment/machines; lift, position and transfer clients.
- **Hearing** - ability sufficient to monitor and assess health needs. Examples: Hear monitor alarm, emergency signals, auscultatory sounds, cries for help.
- **Visual** - ability sufficient for observation and visual assessment in well-lit and dimly lit areas. Examples: Observe client responses and changes in condition.
- **Tactile** - ability sufficient for physical assessment and positioning. Examples: Perform palpation functions of physical examination and/or those related to intervention, e.g., insertion of needle, positioning.

Travel Expectations

The clinical sites extend from northern Ventura County to Los Angeles, within an approximate 60-mile radius from Moorpark College. Each student is responsible for his or her own transportation.

Technology/Computer Expectations

Medicine, Health Care, and Nursing are highly technical fields requiring technology/computer skills. It is highly recommended that students are comfortable using a computer, have basic word processing, email and internet navigations skills, and be familiar with chat rooms.

Program Completion

For successful completion of the nursing program, a minimum grade of C (75%) is necessary in all courses required for the major.

Program Costs

Costs incurred by nursing students include, but are not limited to: Physical examination, immunizations, uniforms, equipment, materials fees, Association dues, and licensure application fees.

Advanced Placement

Opportunities for advanced placement are based on space available to: Licensed Vocational Nurses, others with Health Care credentials, transfer nursing students from accredited colleges and readmission applicants. Candidates must schedule an appointment with the Nursing Counselor and complete the application for advanced placement. All advanced placement applicants must meet the ADN program prerequisites and course requirements. Advanced placement applicant students are not accepted or readmitted into the last semester of the nursing program.

Graduate nurses lacking California licensure requirements may be admitted to complete any needed courses as specified by the California Board of Registered Nursing.

LVN to RN Thirty-Unit Option (BRN 1429)

The thirty-unit option allows the LVN to sit for NCLEX-RN examination after completion of a maximum of thirty units of course work. The student is NOT A GRADUATE of the Nursing Program and DOES NOT RECEIVE A DEGREE. Practice outside the state of California may be limited. A conference with the Health Science Coordinator or designee for counseling regarding the option is needed before the option is chosen as an educational pathway.

The following curriculum is required for LVN 30 unit option students at Moorpark College:

Recommended:

High school graduation or successful completion of the General Education Development (GED) test. This is required for NCLEX examination.

General Studies: **Units**

PHSO M01.....Human Physiology.....	5.0
MICR M01.....General Microbiology.....	5.0

Nursing Courses:

NS M03.....Intermediate Nursing Science II	5.0
NS M03L.....Intermediate Nursing Science Clinical Lab II.	5.0
NS M04.....Advanced Nursing Science.....	5.0
NS M04L.....Advanced Nursing Science Lab	4.0
TOTAL	29.0

Transfer for Bachelor of Science Degree Nursing (BSN)

Students are encouraged to:

- Complete the Moorpark College Associate Degree in Nursing and apply for transfer to an accepting institution.

OR

- Satisfy the transferable lower division science and general education requirements and apply to a BSN program.

The accepting institution determines transferable courses.

Generally acceptable courses are ANAT M01; ANTH M02; BIOL M02A/2B; CHEM M01A/1B, M08, M09; ENGL M01A; MICR M01; NTS M01; PHYS M10A/10AL, M10B/10BL; PSY M01A/01B, M07; SOC M01.

Continuing Education

Moorpark College has been approved by the Board of Registered Nursing as a Continuing Education Provider (number CEP 02811).

The Board of Registered Nursing recognizes academic courses for continuing education credit with one (1) academic semester unit equaling fifteen (15) continuing education hours. The course content must be relevant to the practice of nursing and related to the scientific knowledge or technical skills required for the practice of nursing or be related to direct and/or indirect client care at a level above that which is required for licensure. These courses are identified in the college catalog and schedule of classes as "Provider approved by the California Board of Registered Nursing CEP 02811" and lists the number of contact hours for each course. Courses may be taken for credit/no credit or a letter grade. (Transcripts document proof of attendance). After completion of 12 units in residence at Moorpark College, students who hold a current California license as a Registered Nurse or a Radiologic Technologist and are presently enrolled and in good standing at Moorpark College may petition through the Nursing Counselor for units of credit through the appropriate Nursing program applicable toward an associate degree.

Nursing Science Courses

NS M01 – 4 Units

Beginning Nursing Science

Prerequisites: Admission to Moorpark College Nursing Program

Corequisite: NS M01L

Class Hours: 4 lecture

Introduces the nursing process as the foundation for nursing practice, the nursing skills and principles necessary to implement for process, and the roles of nurse as provider, manager and contributor to the profession. Nursing values caring, integrity, ethical practice, diversity, education, service and quality are emphasized. Based on the concepts of Orem's Self-Care Model, the focus is on assessment, identifying the client's universal self-care requisites: air, water, food, elimination, activity, social, safety and normalcy in the adult and elder. Assessment of the integumentary, musculoskeletal, respiratory, gastrointestinal, genitourinary and neurological system including sleep, comfort and pain will be covered. Nursing actions related to health promotion and treatment of deviations: endocrine, cardiac, and respiratory will be addressed. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M01L – 4.5 Units**Beginning Nursing Science Clinical Laboratory I**

Prerequisites: Admission to Moorpark College ADN Program

Corequisite: NS M01

Class Hours: 14 lab

Provides application of the nursing process to 1-2 selected adult and geriatric populations with nursing actions related to health promotion and deviations in: endocrine, cardiac, and respiratory in the acute and extended care settings. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M02 – 5 Units**Intermediate Nursing Science I**

Prerequisites: NS M01 and NS M01L

Corequisite: NS M02L

Class Hours: 5 lecture

Focuses on Orem's Self-Care Model and critical thinking in the application of the nursing process in selected adult, geriatric, and pediatric populations with nursing actions related to health promotion and deviations: pregnancy/complications, fetal development, labor and delivery, postpartum and newborn periods, pediatrics, women's health, gastrointestinal, fluid/electrolyte, peripheral vascular, musculoskeletal, sensory, connective tissue, skin integrity, and hematology. Diagnostic measures, medical therapeutic modalities, pharmacology and medication administration, nutrition, cultural and bio-psycho-social-spiritual concepts with preventive, supportive, and rehabilitative nursing are incorporated. Also, legal and ethical considerations, growth and development as related to the client's therapeutic self-care demands are addressed. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M02L – 4.5 Units**Intermediate Nursing Science Clinical Laboratory I**

Prerequisites: NS M01 and NSM01L

Corequisite: NS M02

Class Hours: 14 lab

Provides application of the nursing process to 2-3 selected adult, geriatric, maternal and pediatric populations with nursing actions related to health promotion and deviations in the acute and ambulatory care settings. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M03 – 5 Units**Intermediate Nursing Science II**

Prerequisites: NS M02 and NS M02L

Corequisite: NS M03L

Class Hours: 5 lecture

Focuses on Orem's Self-Care Model and critical thinking in the application of the nursing process in selected adult, geriatric, pediatric, family and group/care-giver populations with nursing actions related to health promotion and deviations: psycho-social, mental illness, neurological, genital-urinary, hepatic, and endocrine. Diagnostic measures, medical therapeutic modalities, pharmacology and medication administration, nutrition, cultural and bio-psycho-social-spiritual concepts with preventive, supportive, and rehabilitative nursing are incorporated. Also, legal and ethical considerations, growth and development as related to the client's therapeutic self-care demands are addressed. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M03L – 5 Units**Intermediate Nursing Science Clinical Laboratory II**

Prerequisites: NS M02 and M02L

Corequisite: NS M03

Class Hours: 15 lab

Provides application of the nursing process to 2-4 selected adult, adolescent, geriatric, and mental health patient populations with nursing actions related to health promotion and deviations in the acute and community health settings. Applies critical thinking and problem solving skills and refines communication and interpersonal relationship skills. Focuses on patient care management. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M04 – 4 Units**Advanced Nursing Science**

Prerequisites: NS M03 and NS M03L

Corequisite: NS M04L

Class Hours: 4 lecture

An advanced course of nursing practice focusing on the application of the nursing process to the client with complex health deviations involving multiple organ systems. A holistic approach of viewing the clients' health functions (organic, psychological, and social) throughout the life cycle is utilized. Within the professional nursing practice, importance is placed on three systems: compensatory, partially compensatory, and educative supportive. Additional emphasis is placed on nursing judgment reflecting critical thinking, decision-making, leadership, collaboration, and teaching based on application of theory. The course is designed to ease the transition from student to staff nurse. A portion of the course focus is on the health care delivery systems and the practice of nursing including: legal and ethical issues, professional organizations, reality shock, conflict resolution and current issues that confront nurses today. Principles concerning delivery of nursing care, leadership and professionalism relevant to current nursing practice will be presented. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M04L – 5 Units**Advanced Nursing Science Clinical Laboratory**

Prerequisites: NS M03 and M03L

Corequisite: NS M04

Class Hours: 15 lab

Applies organizational, leadership and management skills in providing care to a group of patients in the intensive care, acute and ambulatory care settings. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M11 – 1 Unit**Nursing Skills Laboratory I**

Prerequisite: None

Class Hours: 3 lab

Provides application of theory from NS M01 through simulated clinical experience, computer assisted instruction, audio-visual aids, case study discussions and individualized instruction. Open-lab structure allows individually arranged lab hours. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M12 – 1 Unit **Nursing Skills Laboratory II**

Prerequisite: None

Recommended Prep: NS M01

Provides application of theory from NS M02 through simulated clinical experience, computer assisted instruction, audio-visual aids, case study discussions, and individualized instruction. Open-lab structure allows individually arranged lab hours. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M13 – 1 Unit **Nursing Skills Laboratory III**

Prerequisite: None

Recommended Prep: NS M02

Provides application of theory from NS M03 through simulated clinical experience, computer assisted instruction, audio-visual aids, case study discussions, and individualized instruction. Open-lab structure allows individually arranged lab hours. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M14 – 1 Unit **Nursing Skills Laboratory IV**

Prerequisite: None

Recommended Prep: NS M03

Provides application of theory from NS M04 through simulated clinical experience, computer assisted instruction, audio-visual aids, case study discussions, and individualized instruction. Open-lab structure allows individually arranged lab hours. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU

NS M15 – 1 Unit **Role Transitions: from LVN to RN**

Prerequisites: None

Corequisite: NS M02 or NS M23

Class Hours: 1 lecture

Focuses on preparing the Licensed Vocational Nurse (LVN) for re-entry into the student role and the transition into the new role as a Registered Nurse (RN). The students reflect on the changing role and practices skills needed to become a successful student. Content stresses the difference between the LVN and RN as care provider; leader, teacher and patient advocate. Emphasis is on the development of critical thinking skills utilized in nursing process. Applies to Associate Degree.

NS M16 – 3 Units **Study Skills for Nursing Students**

Prerequisites: None

Class Hours: 3 lecture

Provides academic preparation for pre-nursing students. Develops student's learning profile, study skills, communication, time management, test-taking, reading comprehension, and mathematics.

NS M22A/B – 0.5 to 3 Units **Independent Studies in Nursing**

Prerequisites: A previous course in Nursing Science

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of nursing through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

NS M35 – 1.5 Units **Holistic Health Care Practices**

Prerequisites: None

Class Hours: 1.5 lecture

Explores health care practices which compliment the Western/allopathic mode of health care. Content includes relaxation therapy, meditation, guided imagery, therapeutic touch and other energy healing modalities, nutrition, and use of herbs for treatment of most common ailments. Designed for the layperson, the lay caregiver and all health care professionals. Provider approved by the California Board of Registered Nursing. Provider Number CEP 2811 for 24 contact hours. (Same course as HS M35) (Formerly NS M60A) Applies to Associate Degree. Transfer credit: CSU

NS M49 – 2.5 to 5 Units **Nursing Practicum**

Prerequisites: Successful completion of first year of an ADN Program

Recommended Prep: NS M03 and NS M03L

Class Hours: 12 to 24 work experience

Provides intermediate nursing student a paid practicum cooperatively planned by employing agency and nursing faculty. Provides the student nurse with a supportive educational program to assist in practicing learned technical skills, organizational skills and critical thinking strategies. May be taken four (4) times for credit, or until a maximum number of units is earned. Only offered pass/no-pass. Applies to Associate Degree. Transfer credit: CSU

NS M50 – 2 to 5 Units **Graduate Nurse Internship**

Prerequisites: Graduate Nurse with Interim Permit Certification or Registered Nurse

Class Hours: 6.5 to 20.5 work experience

This paid internship is designed to assist the new graduate to successfully function as a Registered Nurse. Cooperatively planned by an employing agency and the nursing faculty, this internship allows the graduate to transition to the work setting and provide nursing care to a realistic patient assignment, with clinical orientation and review issues directly related to the work setting: legal/liability, risk management, physical assessment. Interns will be selected based on application procedure. May be taken for a total of two (2) times for credit. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 60 contact hours. Applies to Associate Degree. Transfer credit: CSU

NS M60A-Z – 1 to 3 Units **Topics in Nursing Science**

Prerequisites: To be determined

Class Hours: To be determined

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the semester's Schedule of Classes. Applies to Associate Degree. Transfer credit: determined by transfer institution.

Developed topics include:**NS M60C – 2 Units****Labor and Delivery Room Nursing**

Prerequisites: Registered Nurse or Licensed Vocational Nurse
Class Hours: 2 lecture

Provides program of study for Registered Nurses and Licensed Vocational Nurses interested in advanced nursing practice in Labor and Delivery. Focuses on application of the nursing process using a systematic approach and critical thinking skills necessary to ensure a safe labor and delivery. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 30 contact hours. Applies to Associate Degree.

NS M60D – 2 Units**Preparation for the Preceptor Role**

Prerequisites: None
Class Hours: 2 lecture

Introduces the skills necessary for a registered nurse to engage in a precepting experience with a student or new graduate nurse. Focuses on levels of clinical competencies, role definition, goal setting, and the learning process. Includes effective teaching techniques/methods to promote critical thinking in nursing. Topics include the use of effective communication techniques and the evaluation process. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 30 contact hours Applies to Associate Degree. Transfer credit: CSU

NS M78 – 4 Units**Introduction to Operating Room Nursing**

Prerequisites: Registered Nurse (CA license), current TB test, malpractice insurance or completion of NS M02A/M02AL
Class Hours: 4 lecture, 8 lab

Introduction to Operating Room (OR) nursing. It is designed for the Registered Nurse and/or the Registered Nursing student who has completed the first year of the nursing program. Focus will be on the application of the nursing process with the peri-operative client. A combination of lecture and skills laboratory classes will be incorporated into a clinical preceptorship introducing the student to the scrub and circulating roles of the OR nurse. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 60 contact hours. Applies to Associate Degree. Transfer credit: CSU

NS M79 – 4 Units**Intermediate Operating Room Nursing**

Prerequisites: NS M78
Class Hours: 3 lecture, 16 lab

Provides basic competencies in perioperative nursing in both scrub and circulating roles. Focuses on surgical specialties: general, gynecological, neurology, orthopedic, urology, and vascular; including use of laparoscopy, laser and other complex surgical equipment. Focuses on preoperative assessment and planning, intraoperative implementation and postoperative evaluation. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 22.5 contact hours. Applies to Associate Degree. Transfer credit: CSU

Nutritional Science

The Nutritional Science program is designed to meet the needs of all health conscious persons. The program particularly addresses itself to those interested in promoting personal wellness as well as those aspiring to careers in health, nutrition, and fitness. For some, this program may lead to entry into the dietetics/nutrition program at a four-year college or university.

Dean

Lori Bennett, Phone (805) 378-1515

Full-time Faculty

Liane Cox Tomich

Counselors

Donna Proske Allyn, Frank Bianchino, Danita Redd

Nutritional Science Courses**NTS M01 – 3 Units****Nutrition**

Prerequisites: None
Class Hours: 3 lecture

Examines nutrition science as it relates to human physiology, microbiology, biochemistry and the psychology of wellness. Explores nutrient requirements throughout the lifecycle as influenced by social, cultural, economic and environmental conditions. Applies to Associate Degree. Transfer credit: CSU; UC (NTS M01 and NTS M03 combined: maximum credit, one course)

NTS M03 – 3 Units**Advanced Nutritional Concepts**

Prerequisites: NTS M01
Class Hours: 3 lecture

Applies knowledge of the nutritional impact on human physiology and metabolic events and regulation to current issues in the field of nutritional science. Includes the human stress response, nutrient absorption and transport, carbohydrate function and fermentation, protein formation and deficiency diseases, vitamins and minerals, lipid absorption, hormonal regulation, medical nutrition therapy, microbiology of food poisoning, nutrient needs during pregnancy and early childhood, and nutritional goals in various health specialties. Applies to Associate Degree. Transfer credit: CSU; UC (NTS M01 and NTS M03 combined: maximum credit, one course)

NTS M05 – 3 Units**Nutrition for the Health Professions**

Prerequisites: None
Recommended Prep: NTS M01 or PHSO M01 or BIOL M02A
Class Hours: 3 lecture

Evaluation of the biological function and classification of nutrients, nutritional status, and application of nutrition principles to both health and common disorders, as viewed from medical (nursing and allied health), psychological, and sociological perspectives. Includes ethical issues as related to medical nutrition therapy standards of care. Relies on the scientific method as the cornerstone for interpreting clinical nutrition research for both wellness and disease prevention. Applies to Associate Degree. Transfer credit: CSU

NTS M07 – 3 Units**Cultural Foods**

Prerequisites: None

Recommended Prep: NTS M01, BIOL M01, BIOL M02A, or PSY M14

Class Hours: 3 lecture

Evaluates the historical and cultural aspects of traditional and contemporary food habits of Native Americans, European Americans, African Americans, Asian Americans, and Hispanic Americans. Examines the influence of industry, technology, politics, the economy, and religion on food patterns. Reviews the role of ethnic families, their therapeutic uses of food, and their nutrition education practices. Applies to Associate Degree. Transfer credit: CSU; UC

NTS M09 – 4 Units**Introduction to Food Science**

Prerequisites: None

Recommended Prep: CHEM M12

Class Hours: 3 lecture, 3 lab

Introduces the field of food science and food technology. Explores food chemistry and the effects of food processing on the quality of food products. Identifies chemical, physical, and microbiological properties of foods. Core components: scientific method; objective and sensory evaluation; food processing technologies at state and national levels; packaging; food additives; food-borne pathogens; and government regulation of processing and labeling. Applies to Associate Degree. Transfer credit: CSU; UC

NTS M10D – 0.5 Unit**Weight Management**

Prerequisites: None

Class Hours: 0.5 lecture

Examines the fat cell and the functions of fat in the body. Reviews the effects of weight, including physiological, social, and cultural causes. Emphasizes nutrition, exercise, and lifestyle changes as means to weight management. Evaluates fad diets in order to formulate safe, realistic meal planning. (Same course as HED M10D) Applies to Associate Degree. Transfer credit: CSU

NTS M10M – 0.5 Unit**Healthful Eating**

Prerequisites: None

Class Hours: 0.5 lecture

Examines the foundation of nutrition science; nutrients, their individual requirements, nutrition guidelines, diets and fad diets, and nutritional standards. Discusses consumer issues, personal food choices, and the role of diet in the prevention of disease. (Same course as HED M10M) Applies to Associate Degree. Transfer credit: CSU

NTS M10R – 0.5 Unit**Nutrition and Diabetes Management**

Prerequisites: None

Class Hours: 0.5 lecture

Provides an overview of diabetes, with an emphasis on diabetes nutrition and the psychological and social impact on the individual. Includes step-by-step survival skills for dealing with the daily routine of diabetes care. Demonstrates the process of carbohydrate counting and exercise as the cornerstone of diabetes management. Provides strategies for preventing diabetes complications. (Same course as HED M10R) Applies to Associate Degree. Transfer credit: CSU

NTS M10S – 0.5 Unit**Sports and Exercise Nutrition**

Prerequisites: None

Class Hours: 0.5 lecture

Examines sports nutrition and exercise for athletes and non-athletes. Introduces social and behavioral aspects by examining the components of fitness, body composition and the diet for optimal performance. Evaluates the dangers of “making weight,” the use of supplements, and fad diets. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 7.5 contact hours. (Same course as HED M10S) Applies to Associate Degree. Transfer credit: CSU

NTS M10T – 0.5 Unit**Nutrition and Cancer Prevention**

Prerequisites: None

Class Hours: 0.5 lecture

Assesses the relationship of nutrition, exercise, and lifestyle choices in reducing the risks of cancer and examines the American Cancer Society’s prevention guidelines. Includes psychological, social, physiological, medical, and nutritional aspects. (Same course as HED M10T) Applies to Associate Degree. Transfer credit: CSU

NTS M20 – 3 Units**Sanitation and Safety**

Prerequisites: None

Class Hours: 3 lecture

Explores basic principles of microbiology, sanitation, safety, equipment selection, and facility layout for a food service operation. Prepares student for National Food Handler Certification examination. Applies to Associate Degree. Transfer credit: CSU

NTS M22A/B – 1 to 3 Units**Independent Studies in Nutritional Science**

Prerequisites: A previous course in Nutritional Science

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of nutritional science through research, lab work or field trips. Includes one-on-one work with instructor. Requires field trips. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU

NTS M24 – 2 Units**Nutrition Counseling and Education**

Prerequisites: None

Recommended Prep: NTS M01

Class Hours: 2 lecture

Explores nutritional care in the health care setting. Examines communication techniques of counseling, nutrition education, and assessment of patient/client nutritional status. Applies to Associate Degree. Transfer credit: CSU

NTS M26 – 1 Unit**Culinary Essentials**

Prerequisites: None

Class Hours: 0.5 lecture, 1.5 lab

Examines the principles of meal planning, including the science and art of food selection and preparation. Includes equipment usage, food preparation methods, the serving of food and the effective management of time, energy, and money. Applies to Associate Degree. Transfer credit: CSU

**NTS M28 – 2 Units
Supervised Practice**

Prerequisites: NTS M24
Class Hours: 1 lecture, 3 lab

Applies concepts and skills learned in nutrition courses in a variety of clinical and community settings. Includes dietary education and nutrition counseling under supervised practice. Applies to Associate Degree. Transfer credit, CSU

**NTS M30 – 2 Units
Nutrition Throughout the Life Cycle**

Prerequisites: None
Recommended Prep: NTS M01
Class Hours: 2 lecture

Applies the knowledge and concepts of normal nutrition to the changing physiological needs of individuals at different stages of the life cycle, including pregnancy, lactation, infancy, childhood, adolescence and aging. Applies to Associate Degree. Transfer credit: CSU

**NTS M80 – 1 to 4 Units
Internship in Nutritional Science**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.
Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

**NTS M89AZ – 0.5 to 3 Units
Institutes in Nutritional Science**

Prerequisites: None
Class Hours: As arranged

Special series of short courses focusing on particular aspects of Nutritional Science not covered in general offerings. Provides opportunity for specialized study. Series only offered pass/no-pass. Applies to Associate Degree.

Parenting

See Courses in Child Development

Personal Growth

See Courses in Counseling

Philosophy

The study of philosophy invites students to carefully analyze and thoughtfully respond to the fundamental ideas and basic concerns present in the human experience. The goal is to examine ourselves, our culture, and our world and the persisting questions regarding human thought and action. Instruction in philosophy teaches, not what to think, but how to think. The program also develops skills in analytical and critical thinking and writing that are excellent preparation for professional and other careers.

Dean

Tim McGrath, Phone (805) 378-1445

Full-time Faculty

Jerry Caplan, Janice Daurio, Victor Fontaine

Counselors

Danita Redd, Anitra Evans

Degree in Philosophy

To earn an Associate in Arts Degree with a major in Philosophy, students complete 21 specified units, plus General Education Degree Requirements. This program is also designed for students intending to major in philosophy, religious studies, interdisciplinary studies or related fields at a 4-year institution.

In addition to General Education Degree Requirements, complete the following:

Required Courses	Units
PHIL M01Introduction to Philosophy.....	3.0
PHIL M02Introduction to Ethics.....	3.0
OR	
PHIL M04Contemporary Moral Problems	3.0
PHIL M07Introduction to Logic.....	3.0
OR	
PHIL M09Symbolic Logic	3.0
PHIL M11World Religions: West.....	3.0
OR	
PHIL M12World Religions: East.....	3.0
PHIL M13The Classical Mind.....	3.0
OR	
PHIL M14The Modern Mind.....	3.0
Two Courses from RECOMMENDED COURSES	6.0
TOTAL	21.0

Recommended Courses: Choose Two Additional Philosophy Courses. See General Education Degree Requirements and Transfer Information.

Philosophy Courses

**PHIL M01 – 3 Units
Introduction to Philosophy**

Prerequisites: None
Class Hours: 3 lecture

Systematically explores the concepts of knowledge, reality, and value, including review of epistemology, metaphysics, ethics, aesthetics, political philosophy, and philosophy of religion. Introduces idealism, realism, skepticism, materialism, and relativism. Applies to Associate Degree. Transfer credit: CSU; UC (PHIL M01 and M01H combined: maximum credit, one course).

**PHIL M01H – 3 Units
Honors: Introduction to Philosophy**

Prerequisites: None
Class Hours: 3 lecture

Honors work in the systematic exploration of the concepts of knowledge, reality, and value, including review of epistemology, metaphysics, ethics, aesthetics, political philosophy, and philosophy of religion. Introduces idealism, realism, skepticism, materialism, and relativism. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU, UC (PHIL M01 and M01H combined: maximum credit, one course).

**PHIL M02 – 3 Units
Introduction to Ethics**

Prerequisites: None
Class Hours: 3 lecture

Systematically introduces consequentialist, deontological and virtue theories, metaethical theories, and topics such as freedom and responsibility, justice, and moral relativism. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (PHIL M02 and M02H combined: maximum credit, one course).

PHIL M02H – 3 Units**Honors: Introduction to Ethics**

Prerequisites: None

Class Hours: 3 lecture

Honors work in the study of the types and applications of moral theories; systematically introduces consequentialist, deontological and virtue theories, metaethical theories, and topics such as freedom and responsibility, justice, and moral relativism. Honors work challenges student to be analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (PHIL M02 and M02H combined: maximum credit, one course).

PHIL M03 – 3 Units**Social and Political Philosophy**

Prerequisites: None

Class Hours: 3 lecture

Explains the organization of societies, the formation of governments, and the concept of justice, equality, rights and duties, class, and power structures. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M04 – 3 Units**Contemporary Moral Problems**

Prerequisites: None

Class Hours: 3 lecture

Critically examines the principles and arguments advanced in discussions of current moral issues. Topics include issues such as global warming, war and violence, sexual morality, right of privacy, punishment, nuclear weapons, abortion, euthanasia, stem cell research, and others. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M05 – 3 Units**Critical Thinking and Analytic Writing**

Prerequisites: ENGL M01A

Class Hours: 3 lecture

Introduces critical reasoning, including analysis and synthesis, induction and deduction, and identification of assumptions and perspectives. Emphasizes oral and written analysis and argumentation, clarifying fact, belief and value and identifying and avoiding common fallacies of thought, logic and language. Expands development of critical reading, analytic writing and the relation of writing to critical thinking beyond level achieved in ENGL M01A. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M07 – 3 Units**Introduction to Logic**

Prerequisite: None

Class Hours: 3 lecture

Explores deductive and inductive reasoning, definitions, verification, argument forms, and formal and informal fallacies. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M08 – 3 Units**Philosophy of Religion**

Prerequisites: None

Class Hours: 3 lecture

Introduces philosophical issues that arise from reflection on religious beliefs and practices, including the nature of religion, the existence of God, mysticism and religious experience, divine perfection and the problem of evil, faith and reason, religion and morality, life after death, and the diversity of religious beliefs. Applies to Associate Degree. Transfer credit: CSU, UC

PHIL M09 – 3 Units**Introduction to Symbolic Logic**

Prerequisites: None

Class Hours: 3 lecture

Introduces symbolic logic, including the logic of connectives and quantifiers, truth functional composition, consistency trees, derivations, and quantifications. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M11 – 3 Units**World Religions: West**

Prerequisites: None

Class Hours: 3 lecture

Compares the major ideas of western religious traditions, including Judaism, Christianity and Islam. Explores cultural and historical contexts in which these religions arose, and recent forms of these traditions. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M12 – 3 Units**World Religions: East**

Prerequisites: None

Class Hours: 3 lecture

Compares the major ideas of the world's eastern religious traditions, including Hinduism, Zoroastrianism, Buddhism, Jainism, Sikhism, Taoism, Confucianism, and Shinto. Explores cultural and historical contexts in which these religions as well as recent forms of these traditions. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M13 – 3 Units**The Classical Mind**

Prerequisites: None

Class Hours: 3 lecture

Studies ancient and medieval philosophy up to the Renaissance, emphasizing the development of central philosophical themes. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M14 – 3 Units**The Modern Mind**

Prerequisites: None

Class Hours: 3 lecture

Studies modern philosophy since the Renaissance, emphasizing the development of themes in contemporary philosophy. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M15 – 3 Units
Ethics in the Professions

Prerequisites: None
 Class Hours: 3 lecture

Analyzes major ethical traditions with a focus on the nature of obligation, right action, responsibility, and altruism, with applications to issues in business and professional life. Applies to Associate Degree. Transfer credit: CSU, UC

PHIL M16 – 3 Units
Ethical Issues in Biotechnology

Prerequisites: None
 Class Hours: 3 lecture

Pursues work in ethical theory and analysis as it relates to issues in biotechnology. Investigates issues in cloning, stem cell research, reproductive technologies, genetic engineering, and the human genome project. Develops awareness of the legislative dimension as it relates to the issues. Applies to Associate Degree. Transfer credit: CSU

PHIL M17 – 3 Units
Health Care Ethics

Prerequisites: None
 Class Hours: 3 lecture

Introduces theoretical and applied ethics relating to problems in medicine, health care and the human life sciences. Includes examination of foundational moral principles and the main moral theories. Provides an Introduction to ethics in general, a foundation for understanding legal implications in health care, and a framework for analyzing and resolving ethical problems through the application of ethical principles and critical thinking. (Same course as HS M17.) Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. This is a required course for Radiologic Technology students. Applies to Associate Degree. Transfer credit: CSU

PHIL M22A/B – 1 to 3 Units
Independent Studies in Philosophy

Prerequisites: A previous course in Philosophy
 Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of philosophy through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

PHIL M60A-Z – 0.5 to 3 Units
Topics in Philosophy

Prerequisites: To be determined
 Class Hours: To be determined

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the semester's Schedule of Classes. Transfer credit: determined by transfer institution.

Developed topics include:

PHIL M60A – 1 Unit
Philosophy of Nonviolence

Prerequisites: None
 Class Hours: 1 lecture

Explores theory and practice of nonviolence as both a political strategy and a philosophical approach to life. Reviews classical and contemporary texts, including works by Gandhi, Camus, and Thoreau. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M60B – 1 Unit
Topics: Sex and Gender in Philosophy

Prerequisites: None
 Class Hours: 1 lecture

The philosophical and ethical analysis of human sexuality and relationships between male and female, including feminist perspectives. Applies to Associate Degree. Transfer credit: CSU; UC

PHIL M80 – 1 to 4 Units
Internship in Philosophy

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.
 Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

PHIL M95 – 3 Units
Honors in Philosophy: Ethics and Technology

Prerequisites: PHIL M01, or M02, or M04
 Class Hours: 3 lecture

Investigates the moral issues and implications raised by recent developments of modern technology and provides a theoretical framework for moral reflection and judgment. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU, UC

Photography

This program is designed for students to acquire the skills necessary to enter the very competitive profession of photography. Instruction is provided in both black and white and color photography, along with mastery of the latest equipment.

Dean

Julius Sokenu, Phone (805) 378-1448

Full-time Faculty

John Grzywacz-Gray

Counselors

Denice Avila

Degree and Certificate of Achievement

Options in Photography

To earn a Certificate of Achievement and/or an Associate in Science Degree with a major in Photography, students complete 27 specified units; those seeking the degree also complete General Education Degree Requirements.

Required Courses.....	Units
ART M13.....History of Art: Modern through Contemporary.....	3.0
ART M20.....Two Dimensional Design.....	3.0
PHOT M01A.....Beginning Photography.....	3.0
PHOT M01B.....Intermediate Photography.....	3.0
PHOT M02.....History of Photography.....	3.0
PHOT M03.....Basic Color.....	3.0
PHOT M04.....Advanced Photography.....	3.0
PHOT M06.....Electronic and Digital Photography.....	3.0
PHOT M08.....Basic Photo Journalism.....	3.0
TOTAL	27.0

See General Education Degree Requirements and Transfer Information.

Associate Degree in Photo-Journalism

To earn an Associate in Science Degree with a major in Photo-Journalism, students complete 27 specified units, plus General Education Degree Requirements. This program is designed for the student seeking a professional career in newspaper or magazine photography. Students completing this program will be prepared as entry level photographers on newspapers, magazines or as freelance photographers.

In addition to General Education Degree Requirements, complete the following:

Required Courses	Units
JOUR M01Media and Society	3.0
JOUR M02Reporting and Writing for the Media.....	3.0
PHOT M01A.....Beginning Photography.....	3.0
PHOT M01BIntermediate Photography	3.0
PHOT M02.....History of Photography.....	3.0
PHOT M03.....Basic Color	3.0
PHOT M04.....Advanced Photography	3.0
PHOT M06.....Electronic and Digital Photography	3.0
PHOT M08.....Basic Photo Journalism	3.0
TOTAL	27.0

See General Education Degree Requirements and Transfer Information.

Certificate of Achievement in Photo Journalism (more than 18 units)

To earn a Certificate of Achievement in Photo Journalism, students complete 25 specified units:

Required Courses	Units
GR M30.....Design Fundamentals	3.0
JOUR M01Media and Society	3.0
JOUR M02Reporting and Writing for the Media.....	3.0
PHOT M01A.....Beginning Photography.....	3.0
PHOT M01BIntermediate Photography	3.0
PHOT M03.....Basic Color	3.0
PHOT M04.....Advanced Photography	3.0
PHOT M09.....Reporter Staff Photography.....	4.0
TOTAL	25.0

Photography Courses

**PHOT M01A – 3 Units
Beginning Photography**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Explores photography as a means of creative expression. Introduces photographic theory, including camera operation, exposure, developing and printing. Applies to Associate Degree. Transfer credit: CSU; UC

**PHOT M01B – 3 Units
Intermediate Photography**

Prerequisites: PHOT M01A or suitable portfolio

Class Hours: 2 lecture, 3 lab

Explores variety of traditional techniques in black and white, including high contrast images, solarization, posterization, gum bichromate printing and cyanotypes. Reviews film sensitivity testing, developer density parameters, paper and paper developer characteristics, archival processing, the use of medium format cameras, and Introduction to the view camera. Emphasizes creativity. Applies to Associate Degree. Transfer credit: CSU; UC

**PHOT M02 – 3 Units
History of Photography**

Prerequisites: None

Class Hours: 3 lecture

Surveys history of photography from Daguerre to contemporary images. Explores genres and theories begun in past but which intensify and clarify current work. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHOT M03 – 3 Units
Basic Color**

Prerequisites: PHOT M01B or suitable portfolio

Class Hours: 2 lecture, 3 lab

Introduces principles of color photography. Develops expressive visual statement. Reviews processing of transparency materials, emphasizing creative special effects achieved through unique lighting, films and camera techniques. Encourages experimentation. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

**PHOT M04 – 3 Units
Advanced Photography**

Prerequisites: PHOT M03 or suitable portfolio

Class Hours: 2 lecture, 3 lab

Refines technical and aesthetic understanding in black and white and/or color photography. Includes zone system, basic densitometry, expansion and compaction development, the view camera, artificial light technique, and portfolio development. Intensifies personal statement through major individual projects. Applies to Associate Degree. Transfer credit: CSU

**PHOT M06 – 3 Units
Electronic and Digital Photography**

Prerequisites: One course in the discipline

Class Hours: 2 lecture, 3 lab

Focuses on Adobe Photoshop for photography, computer graphics, illustration and graphic design. Includes appropriate techniques for scanning negatives, transparencies, reflective materials, type effects, color correction, selection techniques, special effects, channel calculations, adjustment layers, output devices and clipping paths/groups. Clarifies relationship between traditional film-based photography and digital techniques. May be taken for a total of two (2) times for credit. (Same course as GR M27) Applies to Associate Degree. Transfer credit: CSU

**PHOT M08 – 3 Units
Basic Photo Journalism**

Prerequisites: PHOT M01A or suitable portfolio

Class Hours: 2 lecture, 3 lab

Introduces aspects of photography applicable to mass communication, broadcast and print journalism. Concentrates on translating ideas to images for reproduction in magazines and newspapers and as book illustrations. Includes special effects, use of camera and light as creative tools, and basic motion picture techniques. May be taken for a total of two (2) times for credit. (Same course as JOUR M08) Applies to Associate Degree. Transfer credit: CSU

PHOT M09 – 4 Units**Reporter Staff Photography**

Prerequisites: PHOT M08 or suitable portfolio

Class Hours: 1 lecture, 9 lab

Introduces campus newspaper photographers to all phases of press photography: news, feature, illustration, portraiture, sports, and advertising. Uses aesthetic and technical skill to communicate visually. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

PHOT M22A/B – 1 to 3 Units**Independent Studies in Photography**

Prerequisites: A previous course in Photography

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of photography through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

PHOT M60A-Z – 1 to 3 Units**Topics in Photography**

Prerequisites: To be determined

Class Hours: To be determined

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the semester's Schedule of Classes. Transfer credit: determined by transfer institution.

Developed topics include:**PHOT M60A – 1 Unit****Field Studies in Photography**

Prerequisites: None

Class Hours: 0.5 lecture, 1.5 lab

Concentrates on solving photographic problems of specific location, working in either black and white or color. May be taken for a total of four (4) times for credit. Applies to Associate Degree.

PHOT M60B – 2 Units**Field Studies in Photography**

Prerequisites: None

Class Hours: 1 lecture, 3 lab

Concentrates on solving photographic problems of specific location, working in either black and white or color. May be taken for a total of four (4) times for credit. Applies to Associate Degree.

PHOT M60C – 3 Units**Field Studies in Photography**

Prerequisites: None

Class Hours: 1 lecture, 6 lab

Concentrates on solving photographic problems of specific location, working in either black and white or color. May be taken for a total of four (4) times for credit. Applies to Associate Degree.

PHOT M60D – 1 Unit**Laboratory Practice**

Prerequisites: None

Class Hours: 0.5 lecture, 1.5 lab

Offers instructor supervised lab work for beginning, intermediate and advanced students. May be taken for a total of four (4) times for credit. Applies to Associate Degree.

PHOT M60E – 2 Units**Laboratory Practice**

Prerequisites: None

Class Hours: 0.5 lecture, 4.5 lab

Offers instructor-supervised lab work for beginning, intermediate and advanced students. May be taken for a total of four (4) times for credit. Applies to Associate Degree.

PHOT M60F – 3 Units**Laboratory Practice**

Prerequisites: None

Class Hours: 1 lecture, 6 lab

Offers instructor-supervised lab work for beginning, intermediate and advanced students. May be taken for a total of four (4) times for credit. Applies to Associate Degree.

PHOT M80 – 1 to 4 Units**Internship in Photography**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

Physical Education

Physical Education classes offer students an opportunity to enrich their education with emphasis on improved individual physical well-being as well as professional career options.

Dean

Lori Bennett, Phone (805) 378-1515

Full-time Faculty

James Bittner, Stephen Burkhart, Howard Davis, Donald Green, Ronald Halleran, Traycie Kephart, Remy McCarthy, Delbert Parker, Sherry Ruter, Nancy Stewart, Willard Thurston

Athletic Counselor

Traci Franks

Counselors

Donna Proske Allyn, Michael Johnson

Degree Option in Physical Education

Associate Degree in Human Performance

To earn an Associate in Arts Degree with a major in Human Performance, students complete 32.5 specified units, plus General Education Degree Requirements. This pre-professional program is designed to prepare students for transfer to bachelor's degree programs in Physical Education, Physical Therapy, Athletic Training, Coaching and Fitness Management.

In addition to General Education Degree Requirements, complete the following:

Required Courses	Units
PE M90.....Introduction to Human Performance.....	2.0
PE M91.....Foundations of Fitness.....	3.0
HED M01.....Health and Society.....	2.0
HED M05.....Safety and First Aid.....	3.0
HED M06.....Prevention and Treatment of Athletic Injuries.....	3.0
PSY M01A.....Introduction to Psychology.....	3.0
ANAT M01.....General Anatomy.....	4.0
PHSO M01.....Human Physiology.....	5.0
NTS M01.....Nutrition.....	3.0
Units from RECOMMENDED COURSES.....	4.5
TOTAL minimum units required in major area	32.5

Recommended Courses: Choose three 1.5-unit courses, one from each area: Team, Individual and Cardiovascular.

TEAM: PE M23C/D (Baseball); PE M24C/D (Basketball); PE M25C/D (Football); PE M27C/D (Soccer); PE M28C/D (Softball); PE M29C/D (Track); PE M30A/C/D (Volleyball) or any College Athletics activity (PE M62 to PE M79).

INDIVIDUAL: PE M02B (Free Weights); PE M06A/C/D (Golf); PE M08 (Power Lifting); PE M11A/C/D (Tennis); PE M38 (Wrestling) or any dance activity class (see DANC).

CARDIOVASCULAR: PE M01A (Walking); PE M03A (Running); PE M04 (Aerobics); PE M07 (Step-Aerobics); PE M12 (Extreme Aerobic Mix); or PE M15 (Cardio Kick Boxing)

See General Education Degree Requirements and Transfer Information.

A General Note on Transferability of Physical Education Courses*

An Associate Degree requires one or more PE/Dance activity classes for a minimum of 1.5 units total. Any combination of P.E. activity courses of a particular kind (e.g., body conditioning, golf, tennis, etc.) may be taken a total of four (4) times. Students planning to take more than 4 units of Physical Education activity courses should consult a counselor. The California State University (CSU) system accepts all P.E. courses for comparable semester credit, but the University of California (UC) system will only accept a total of four (4) units of credit. This UC transfer-status limitation is indicated below by the asterisk*.

Degree and Certificate Program in Exercise Science

The Exercise Science Program provides two tiers of opportunity for students seeking a career in fitness and health.

The Certificate of Achievement in Exercise Science: Fitness Specialist is an 18-unit core program that prepares students for an entry level career in the fitness and health industry. The program provides knowledge and leadership skills essential for students training to become Personal Trainers and/or Group Fitness Instructors.

The Associate of Science Degree in Exercise Science combines the 18 core units in the Certificate of Achievement for Exercise Science: Fitness Specialist and the General Education Degree Requirements. The degree prepares students for career entry into the fitness and health industry, and provides the academic foundation necessary for transfer to a 4-year institution in the field of Exercise Science and Kinesiology.

Associate of Science Degree in Exercise Science

To earn an Associate in Science Degree in Exercise Science, students complete 18 or more specified units and General Education Degree Requirements.

Required Courses	Units
PE M91.....Foundations of Fitness.....	3.0
PE M95.....Personal Training Principles.....	3.0
PE M96.....Teaching Group Fitness.....	3.0
HED M05.....First Aid and CPR.....	3.0
Program Electives (select a minimum of 6 units).....	6.0
TOTAL	18.0

Program Electives (select a minimum of 6 units).....	Units
*ANAT M01.....Human Anatomy.....	4.0
*BIOL M01.....Introduction to Biology.....	4.0
HED M03.....Nutrition, Fitness and Stress Management.....	3.0
HED M06.....Prevention and Treatment of Athletic Injuries.....	3.0
PE M80.....Internship in Physical Education.....	1.0-4.0
*PHSO M01.....Human Physiology.....	5.0

*Students planning on transferring to a university should select ANAT M01, BIOL M01, PHSO M01.

Certificate of Achievement in Exercise Science: Fitness Specialist

To earn a Certificate of Achievement in Exercise Science: Fitness Specialist, students complete 18 or more specified units.

Required Courses	Units
PE M91.....Foundations of Fitness.....	3.0
PE M95.....Personal Training Principles.....	3.0
PE M96.....Teaching Group Fitness.....	3.0
HED M05.....First Aid and CPR.....	3.0
Program Electives (select a minimum of 6 units).....	6.0
TOTAL	18.0

Program Electives (select a minimum of 6 units).....	Units
ANAT M01.....Human Anatomy.....	4.0
BIOL M01.....Introduction to Biology.....	4.0
HED M03.....Nutrition, Fitness and Stress Management.....	3.0
HED M06.....Prevention and Treatment of Athletic Injuries.....	3.0
PE M80.....Internship in Physical Education.....	1.0-4.0
PHSO M01.....Human Physiology.....	5.0

Physical Education Courses

PE M01A – 1 to 1.5 Units

Walking for Fitness

Prerequisites: None

Class Hours: 0.5 or 1 lecture, 1.5 or 2 lab

Provides exercise and fitness training, emphasizing cardiovascular conditioning to improve muscle tone. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M02A – 0.5 to 1.5 Units

Body Conditioning/Fitness Center

Prerequisites: None

Class Hours: 0.25 to 1 lecture, .75 to 2 lab

Designed to develop and encourage positive attitude and habits with regard to cardiovascular efficiency, muscular strength and endurance, flexibility and body composition. Allows individual scheduling of required lab hours. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M02B – 1 to 1.5 Units

Body Conditioning/Free Weights

Prerequisites: None

Class Hours: 0.5 or 1 lecture, 1.5 or 2 lab

Introduces overall body conditioning. Emphasizes improving the cardiovascular system, enhancing flexibility, and increasing muscular strength. Includes jogging, stretching, and specific free weight exercises. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M03A – 1 to 1.5 Units **Running for Fitness and Conditioning**

Prerequisites: None

Class Hours: 0.5 or 1 lecture, 1.5 or 2 lab

Emphasizes improved physical health and cardiovascular fitness through running and overall conditioning. Includes endurance training with a gradual increase in distance. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M03B – 1 to 1.5 Units **Sprinting for Fitness and Conditioning**

Prerequisites: None

Class Hours: 0.5 or 1 lecture, 1.5 or 2 lab

Uses sprinting to improve physical fitness and general health. Emphasizes maximum speed performance and enhanced cardiovascular efficiency. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M04 – 1 to 1.5 Units **Body Conditioning through Rhythmics/Aerobics**

Prerequisites: None

Class Hours: 0.5 or 1 lecture, 1.5 or 2 lab

Introduces series of simple but vigorous dances that improve circulation, respiration, digestion, agility, flexibility, coordination and rhythm as well as endurance and strength. Includes supervised practice. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M05 – 1.5 Units **Bowling**

Prerequisites: None

Class Hours: 1 lecture, 2 lab

Introduces rules, etiquette, safety and techniques of bowling. Meets off campus. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M06A – 1 to 1.5 Units **Beginning Golf**

Prerequisites: None

Class Hours: 0.5 or 1.0 lecture, 1.5 to 2.0 lab

Introduces basic rules and skills needed for playing golf. Includes development of skills and analysis of technique. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M06C – 1.0 to 1.5 Units **Intermediate Golf**

Prerequisites: PE M06A

Class Hours: 0.5 or 1.0 lecture, 1.5 to 2.0 lab

Expands golfing skills through more extensive review of techniques and increased practice. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*.

PE M06D – 1.0 to 1.5 Units **Advanced Golf**

Prerequisites: PE M06A

Class Hours: 0.5 or 1.0 lecture, 1.5 to 2.0 lab

Studies biomechanical principles of golf as preparation for golf competition. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M07 – 1.0 to 1.5 Units **Cardio Sculpting**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Guidance in using cardiovascular activity circuits, body sculpting with free weights, and core strength activities using STEP platforms. Works the major muscle group in the lower body and tones and strengthens the upper body and core. Focus on improving cardiovascular condition, core strength, muscle endurance, upper body strength, and weight management. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M08 – 1 to 1.5 Units **Power Lifting/Free Weights**

Prerequisites: None

Class Hours: 0.5 or 1 lecture, 1.5 or 2 lab

Introduces weight training and conditioning to build strength, power, and bulk. Focuses on the development of upper body strength, rehabilitation and strengthening of knee joints, and refinement of power lifting for the lower body. Emphasizes quickness, coordination, balance and speed through competitive drills and routines. May be taken for a total of four (4) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M10 – 1 to 1.5 Units **Shaping and Toning**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Provides improvement of the cardiovascular system, enhanced flexibility and increased muscular strength. Includes cardiovascular/aerobic conditioning, stretching exercises and specific free weight exercises to strengthen the entire body. May be taken for a total of four (4) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M11A – 1 to 1.5 Units **Beginning Tennis I**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces beginning tennis skills, including etiquette, rules, and basic techniques. May be taken a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M11C – 1 to 1.5 Units **Intermediate Tennis**

Prerequisites: PE M11A

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Expands strategies, rules and techniques of tennis, emphasizing both singles and doubles play. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M11D – 1 to 1.5 Units **Advanced Tennis**

Prerequisites: PE M11C

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Expands experienced players individual techniques. Reviews rules and strategies for both singles and doubles play. Emphasizes tournament play. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M12 – 1 to 1.5 Units**Extreme Aerobic Mix**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops a high level of cardiovascular efficiency. Promotes strength and flexibility through a variety of high-energy activities. Utilizes aerobic dance, funk, hip-hop, step, cardio kickboxing, and plyometrics to achieve a high level of conditioning and coordination. May be taken for a total of four (4) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M13 – 2 Units**Hiking and Backpacking**

Prerequisites: None

Class Hours: 1 lecture, 2 lab

Uses lecture, field study and experience to introduce sport of hiking and backpacking. Covers conditioning, skills, information and resources. Emphasizes safety procedures. Requires field trips. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M14 – 3 Units**Pep Squad**

Prerequisites: None

Class Hours: 1 lecture, 6 lab

Provides training and practice techniques necessary to be a cheerleader. Requires field trips. May be taken for a total of three (3) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M15 – 1 to 1.5 Units**Cardio Kick Boxing**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Offers a comprehensive and balanced program that develops proficiency in cardio kick boxing skills as well as physical and general health. Works every major muscle group in the upper and lower body, varying movements and speed to accommodate the fitness level of all students. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M16 – 1 to 1.5 Units**Flexible Strength/Pilate's Mat**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

A training technique designed to strengthen and tone muscles, improve posture, provide flexibility and balance, and create a more streamlined shape. Designed to emphasize the core muscles – the abdominal area, lower back, hips, and buttocks – thereby providing a strong foundation for any lab. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M17 – 1.5 Units**Conditioning for Athletic Competition**

Prerequisites: None

Class Hours: 1 lecture, 2 lab

Designed to properly prepare and condition prospective athletes for competition. Athletics require an advanced degree of skill and preparation. Athletes engaged in competition need specific conditioning to insure optimal opportunity to perform at peak levels and have a more injury-free experience. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M18 – 1 to 1.5 Units**Core Stability and Stretch**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Implements a variety of core (abdominal/trunk) training techniques including functional integrated resistance exercise, stability balls, yoga, and Pilate's, this class will focus on concepts and practices that develop core stability and overall flexibility for healthier living. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M19A – 0.25 Unit**Golf Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M19B – 0.25 Unit**Tennis Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M19C – 0.25 Unit**Field Hockey Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M19D – 0.25 Unit**Soccer Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M19E – 0.25 Unit**Basketball Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M19F – 0.25 Unit**Hiking Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree.

Transfer credit: CSU; UC*

PE M19G – 0.25 Unit**Wrestling Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree.

Transfer credit: CSU; UC*

PE M19H – 0.25 Unit**Volleyball Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree.

Transfer credit: CSU; UC*

PE M19I – 0.25 Units**Self-Defense/Assault Clinic**

Prerequisites: None

Recommended Prep: Prior background and previous experience in the sport.

Class Hours: 0.2 lecture, 0.3 lab

Provides an intense skill-building clinic for those already familiar with the sport. May be taken for a total of four (4) times. Applies to Associate Degree.

Transfer credit: CSU; UC*

PE M19J – 0.25 Unit**Stretching Clinic**

Prerequisites: None

Class Hours: 0.2 lecture, 0.3 lab

Introduces stretching techniques. Develops each individual's stretching program to increase and maintain flexibility. May be taken for a total of four (4) times.

Applies to Associate Degree. Transfer credit: CSU; UC*

PE M19K – 0.25 Unit**Snowboarding Clinic**

Prerequisites: None

Class Hours: 0.2 lecture, 0.3 lab

Designed as an intense skill-building clinic for snowboarders involving a trip to a ski resort. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M20 – 1.5 Units**Adapted Physical Education**

Prerequisites: None

Class Hours: 1 lecture, 2 lab

Meets special needs of students unable to participate in regular physical education activity classes. Provides individualized adapted fitness program. Requires evaluation by college physician to determine appropriate physical activity for each participant. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M21 – 1 to 1.5 Units**Field Hockey**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces fundamentals of field hockey, including individual skills (passing, receiving and dribbling) as well as offensive and defensive tactics and team strategy. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M22A/B – 1 to 3 Units**Independent Studies in Physical Education**

Prerequisites: A previous course in Physical Education

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of physical education through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

TEAM ACTIVITIES**PE M23C – 1 to 1.5 Units****Intermediate Baseball**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops intermediate techniques and strategies for baseball. Emphasizes skills levels for use in games. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M23D – 1 to 1.5 Units**Advanced Baseball**

Prerequisites: PE M23C

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops advanced skills in baseball, emphasizing methods and styles of play. Requires participation in fall baseball program. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M24C – 1 to 1.5 Units**Intermediate Basketball**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops intermediate techniques and strategies in basketball. May be taken a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M24D – 1 to 2 Units**Advanced Basketball**

Prerequisites: PE M24C or varsity high school experience

Class Hours: 0.5 to 1.5 lecture, 1.5 to 2.5 lab

Introduces advanced skills and techniques in basketball. Uses game experience to develop different styles and formats of play. Develops cardiovascular fitness.

Applies to Associate Degree. Transfer credit: CSU; UC*

PE M25A – 1 to 1.5 Units**Beginning Football**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops beginning skills in football and reviews the history of the sport.

Applies to Associate Degree. Transfer credit: CSU; UC*

PE M25C – 1 to 1.5 Units**Intermediate Football**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops intermediate skills in football. Introduces theory behind different styles of play. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M25D – 1 to 1.5 Units**Advanced Football**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops advanced skills in football. Introduces theory behind different styles of play. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M26 – 1 to 1.5 Units**Team Sports**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces basic rules, techniques and strategies of various seasonal team sports, including soccer, softball, football and basketball. Provides practice in each sport. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M27A – 1 to 1.5 Units**Beginning Soccer**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops skills, rules, techniques and strategies of soccer. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M27C – 1 to 1.5 Units**Intermediate Soccer**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops intermediate skills and strategies of soccer. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M27D – 1 to 1.5 Units**Advanced Soccer**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops advanced skills and strategies. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M28A – 1 to 1.5 Units**Beginning Softball**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces the basic skills and strategies of fast-pitch softball. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M28C – 1 to 1.5 Units**Intermediate Softball**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops intermediate skills and strategies of fast-pitch softball. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M28D – 1 to 1.5 Units**Advanced Softball**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Develops advanced skills and strategies. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M29C – 1 to 1.5 Units**Intermediate Track**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces intermediate techniques and strategies in track and field. Prepares for a competitive season, emphasizing skills needed for proficiency. Required of varsity track candidates. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M29D – 1 to 1.5 Units**Advanced Track**

Prerequisites: PE M29C

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Practices advanced skills and strategies of track and field for a competitive season. Required of all varsity track candidates. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M30A – 1 to 1.5 Units**Beginning Volleyball I**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces basic rules and techniques of power volleyball. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M30C – 1 to 1.5 Units**Intermediate Volleyball**

Prerequisites: PE M30A

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Provides practice of the fundamental skills and strategies of volleyball, allowing two and three-player games. Requires participation. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M30D – 1 to 1.5 Units**Advanced Volleyball**

Prerequisites: PE M30C

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Continues skills development for the advanced player, allowing two and three-player volleyball. Requires participation. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M35 – 1.5 Unit**T'ai Chi Ch'uan**

Prerequisites: None

Class Hours: 1 lecture, 2 lab

Introduction to the history and philosophy of T'ai Chi Ch'uan and its relationship to exercise, health, self-awareness, relaxation, balance and harmony. The Yang Simplified Form of 24 movement patterns (known for improving body awareness, efficiency of daily activity and its relationship to self-defense techniques) will be taught. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M36A – 2 Units**Analysis of Sexual Assault and Self-Defense**

Prerequisites: None

Class Hours: 2 lecture, 1 lab

Reviews issues of personal assault and rape, reviewing readings and physical responses. Introduces self-defense techniques. May be taken a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M37A – 1 to 1.5 Units**Beginning Martial Arts**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces the basic skills of martial arts, including punching, kicking, blocking, and grappling. Participation in the class will require the development of flexibility, endurance, strength, coordination, and concentration. May be taken for a total of four (4) times for credit. (Formerly PE M37) Applies to Associate Degree. Transfer credit: CSU; UC*

PE M37C – 1 to 1.5 Units**Intermediate Martial Arts**

Prerequisites: PE M37A

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces the intermediate skills of martial arts, including punching, kicking, blocking, katas, sparring and grappling. Participation in the class will require the development of flexibility, endurance, strength, coordination and concentration. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M38 – 1 to 1.5 Units**Wrestling**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Introduces the basic skills of wrestling, including takedowns, rides, escapes and falls. May be taken a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M39 – 1 to 1.5 Units**Nia Fusion Fitness**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Nia is a whole-body conditioning practice that includes cardiovascular, strength, flexibility, and mind-body components. Combines concepts and movements from Jazz and Modern Dance, Tae Kwon Do, Tai Chi, Aikido, Yoga, and other movement forms, resulting in a creative and energizing workout. With a focus on non-impact movements, Nia is easy-to-learn, adaptable to all levels of ability, and performed to a variety of motivating music. Improves overall conditioning and enhances the mind-body connection. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M40 – 1 to 1.5 Units**Core Fitness with Cardio Ball**

Prerequisites: None

Class Hours: 0.5 to 1 lecture, 1.5 to 2 lab

Uses inflatable stability balls, medicine balls, and mini-inflatable balls, to improve both cardiovascular and core fitness. Includes ball drumming, seated low impact moves on the ball, plyometric leaps and resistance exercises for a high energy workout adaptable to most levels of fitness and ability. Combines cardiovascular and core exercises designed to burn calories and tone muscles while moving to the beat of a variety of music styles. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

INTERCOLLEGIATE ATHLETICS*(Passing a physical exam required for participation)***PE M62 – 3 Units****Golf - Women**

Prerequisites: None

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M63A – 3 Units**Volleyball - Men**

Prerequisites: None

Recommended Prep: Understanding of volleyball skills, rules, and strategies.

Class Hours: 10 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M63B – 1 Unit**Off Season Volleyball - Men**

Prerequisites: None

Recommended Prep: Understanding of volleyball skills, rules and strategies and the ability to work with other students.

Class Hours: 3 lab

Highly competitive, requires advanced skills, for students who are interested in intercollegiate volleyball. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M64A – 3 Units**Soccer - Men**

Prerequisites: None

Recommended Prep: Understanding of soccer skills, rules, and strategies.

Class Hours: 10 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M64B – 1 Unit**Off Season Soccer - Men**

Prerequisites: None

Recommended Prep: Understanding of volleyball skills, rules and strategies and the ability to work with other students.

Class Hours: 3 lab

Highly competitive, requires advanced skills, for students who are interested in intercollegiate soccer. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M65A – 3 Units**Soccer - Women**

Prerequisites: None

Recommended Prep: Understanding of soccer skills, rules, and strategies.

Class Hours: 10 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M65B – 1 Unit**Off Season Soccer - Women**

Prerequisites: None

Recommended Prep: Understanding of volleyball skills, rules and strategies and the ability to work with other students.

Class Hours: 3 lab

Highly competitive, requires advanced skills, for students who are interested in intercollegiate soccer. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M66 – 3 Units**Baseball - Men**

Prerequisites: None

Recommended Prep: Understanding of baseball skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M67 – 3 Units**Basketball - Men**

Prerequisites: None

Recommended Prep: Understanding of basketball skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M68 – 3 Units**Basketball - Women**

Prerequisites: None

Recommended Prep: Understanding of basketball skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M69 – 3 Units**Cross Country - Men**

Prerequisites: None

Recommended Prep: Understanding of cross country skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M70 – 3 Units**Cross Country - Women**

Prerequisites: None

Recommended Prep: Understanding of cross country skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M71 – 3 Units**Football - Men**

Prerequisites: None

Recommended Prep: Understanding of football skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M72 – 3 Units**Golf - Men**

Prerequisites: None

Class Hours: 1 lecture, 9 lab

Varsity sports are highly competitive and require an advanced degree of skill. Students engaged in varsity sports should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M73 – 3 Units**Softball - Women**

Prerequisites: None

Recommended Prep: Understanding of softball skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M74 – 3 Units**Tennis - Men**

Prerequisites: None

Recommended Prep: Understanding of tennis skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M75A – 3 Units**Tennis - Women**

Prerequisites: None

Recommended Prep: Understanding of tennis skills, rules, and strategies.

Class Hours: 10 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M75B – 1 Unit**Off Season Tennis - Women**

Prerequisites: None

Recommended Prep: Understanding of volleyball skills, rules and strategies and the ability to work with other students.

Class Hours: 3 lab

Highly competitive. Requires advanced skills, for students who are interested in intercollegiate tennis. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M76 – 3 Units**Track - Men**

Prerequisites: None

Recommended Prep: Understanding of track skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M77 – 3 Units**Track Women**

Prerequisites: None

Recommended Prep: Understanding of track skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M78 – 3 Units**Volleyball Women**

Prerequisites: None

Recommended Prep: Understanding of volleyball skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M79 – 3 Units**Wrestling Men**

Prerequisites: None

Recommended Prep: Understanding of wrestling skills, rules, and strategies.

Class Hours: 1 lecture, 9 lab

Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC*

PE M80 – 1 to 4 Units**Internship in Physical Education**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

PE M90 – 2 Units**Introduction to Human Performance and Physical Education**

Prerequisites: None

Class Hours: 2 lecture

Introduces aims, objectives and contemporary issues of Physical Education and Human Performance. Requires projects and fieldwork. Does NOT fulfill general education PE requirement. Applies to Associate Degree. Transfer credit: CSU; UC

PE M91 – 3 Units**Foundations of Fitness**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Provides a foundation for fitness enthusiasts and those interested in pursuing a career as a fitness professional. Emphasizes muscular, cardiorespiratory, and other physiological processes essential to understanding the effects and benefits of exercise. Includes basic muscle and bone anatomy in relationship to the study of movement, with the purpose of understanding safe and effective exercise program design. Does NOT fulfill general education PE requirement. Applies to Associate Degree. Transfer credit: CSU; UC

PE M95 – 3 Units**Personal Training Principles**

Prerequisites: None

Recommended Prep: PE M91

Class Hours: 2 lecture, 3 lab

Introduces leadership skills and the fundamentals of personal training to successfully prepare students for a national personal training certification. Offers knowledge and practical experience in exercise and fitness testing, injury prevention, client assessment and counseling techniques. Examines fitness components and exercise science with an emphasis on conditioning and fitness program design. Applies to Associate Degree. Transfer credit: CSU; UC (under review)

PE M96 – 3 Units**Teaching Group Fitness**

Prerequisites: None

Recommended Prep: PE M91

Class Hours: 2 lecture, 3 lab

Introduces the concepts and practice of teaching group fitness. Emphasizes teaching principles, techniques, and safety practices for a wide range of contemporary group fitness modalities. Attention will be placed on the learning process and learning strategies for the teaching of motor skills. Provides preparation for group fitness certification, and practical experience in group fitness leadership. Applies to Associate Degree. Transfer credit: CSU; UC (under review)

Physical Science

Physical Science courses prepare students for a diversity of professions requiring an understanding of the fundamentals of the physical sciences. Such professions include teaching science at the secondary level, serving as a technical administrator in government and industry, or completing legal work with patents, scientific librarianship, and scientific journalism.

Dean

Kim Hoffmans, Phone (805) 378-1459

Full-time Faculty

Balazs Becht, Clinton Harper, Ron Wallingford

Counselors

Donna Proske Allyn, Edna Ingram, Danita Redd

Physical Science Courses**PHSC M01 – 3 Units****Principles of Physical Science**

Prerequisites: MATH M03

Class Hours: 3 lecture

Introduces facts, principles and laws from physics, chemistry, and astronomy. Includes motion, force, energy, wave motion, electricity and magnetism, light, atomic and nuclear structure, chemical bonding and chemical reactions, solutions, organic chemistry, the solar system and planet Earth. Applies to Associate Degree. Transfer credit: CSU; UC (no credit if taken after a college course in Astronomy, Chemistry, Geology or Physics)

PHSC M01L – 1 Unit**Principles of Physical Science Laboratory**

Prerequisites: Completion of or concurrent enrollment in PHSC M01

Class Hours: 3 lab

Provides hands-on experience with fundamental concepts from physics and chemistry. Applies to Associate Degree. Transfer credit: CSU; UC.

PHSC M22A/B – 0.5 to 3 Units**Independent Studies in Physical Science**

Prerequisites: A previous course in Physical Science

Class Hours: 0.5 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of physical science through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

PHSC M80 – 1 to 4 Units**Internship in Physical Science**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

Physics

The strong emphasis in physics on fundamental concepts and problem solving makes it one of the most versatile majors available. The Physics major provides the basis for careers in applied physics and in interdisciplinary areas such as astronomy, biophysics, environmental science, oceanography, and scientific instrumentation.

Dean

Kim Hoffmans, Phone (805) 378-1459

Full-time Faculty

Balazs Becht, Clinton Harper, Ron Wallingford

Counselors

Donna Proske Allyn, Edna Ingram, Danita Redd

Degree Options in Physics

To earn an Associate in Science Degree with a major in Physics, students complete 45-50 specified units, plus General Education Degree Requirements. These major requirements optimize preparation for upper division course work for advanced degrees in Physics offered by four-year institutions. Since the course work in physics is sequential, students may spend less time earning an Associate and/or Bachelor's Degree by deferring some of the university general education requirements until their junior and senior years and by giving priority to the requirements for a major in physics. In addition, earning this degree suggests an achievement of technical skills that may be helpful in seeking immediate employment.

In addition to General Education Degree Requirements, complete the following:

Required Courses	Units
CHEM M01A.....General Chemistry I.....	6.0
MATH M25A.....Calculus with Analytic Geometry I.....	5.0
MATH M25B.....Calculus with Analytic Geometry II.....	5.0
MATH M25C.....Calculus with Analytic Geometry III.....	5.0
PHYS M20A.....Mechanics of Solids and Fluids.....	4.0
PHYS M20AL.....Mechanics of Solids and Fluids Lab.....	1.0
PHYS M20B.....Thermodynamics, Electricity and Magnetism.....	4.0
PHYS M20BL.....Thermodynamics, Electricity and Magnetism Lab.....	1.0
PHYS M20C.....Wave Motion, Optics and Modern Physics.....	4.0
PHYS M20CL.....Wave Motion, Optics and Modern Physics Lab.....	1.0
Units from One of the RECOMMENDED OPTIONS.....	9.0-14.0
TOTAL	45.0-50.0

Recommended Options: Choose one of the following

Physics Option (complete 9 specified units)

CHEM M01B.....General Chemistry II.....6.0

MATH M35.....Applied Differential Equations.....3.0

OR

Applied Physics Option (complete 14 specified units)

CS M01Introduction to Computer Science.....4.0

ENGR M12Engineering Materials.....3.0

MATH M35Applied Differential Equations3.0

See General Education Degree Requirements and Transfer Information.

Physics Courses**PHYS M01 – 3 Units****Descriptive Physics**

Prerequisites: MATH M03

Class Hours: 3 lecture

Introduces in a descriptive way the basic principles of the mechanics, thermodynamics, wave motion, electromagnetism, optics and modern physics. Applies to Associate Degree. Transfer credit: CSU; UC (no credit if taken after PHYS M10A or PHYS M20A)

PHYS M01L – 1 Unit**Descriptive Physics Laboratory**

Prerequisites: MATH M03

Recommended Prep: Completion of or concurrent in enrollment in PHYS M01

Class Hours: 3 lab

Laboratory experiments examine some of the basic phenomena in mechanics, thermodynamics, wave motion, electromagnetism, optics, and modern physics. Use of common, modern laboratory instruments is practiced during the experiments. Elementary principles of data taking, data reduction, synthesis, and analysis, as well as the writing of scientific reports are included. Applies to Associate Degree. Transfer credit: CSU; UC

PHYS M10A – 4 Units**General Physics I**

Prerequisites: MATH M06 or MATH M07

Class Hours: 4 lecture

Introduces mechanics of solids and fluids, heat, and wave motion. Designed for students who need a trigonometry based physics course. Applies to Associate Degree. Transfer credit: CSU; UC (PHYS M10A/B combined with PHYS M20A/B/C: maximum credit, one series)

PHYS M10AL – 1 Unit**General Physics I Laboratory**

Prerequisites: MATH M06 or MATH M07

Class Hours: 3 lab

The laboratory experiments examine some of the basic phenomena in mechanics, thermodynamics, and wave motion. The use of common, modern laboratory instruments is learned and practiced during the experiments. The principles of data taking, data reduction, synthesis, and analysis, as well as the writing of scientific reports are part of the course. Applies to Associate Degree. Transfer credit: CSU; UC

PHYS M10B – 4 Units**General Physics II**

Prerequisites: PHYS M10A

Class Hours: 4 lecture

Introduces electricity, magnetism, optics, and modern physics. Designed for students who need a trigonometry-based physics course. Applies to Associate Degree. Transfer credit: CSU; UC (PHYS M10A/B combined with PHYS M20A/B/C: maximum credit, one series)

PHYS M10BL – 1 Unit**General Physics II Laboratory****Prerequisites: PHYS M10A/M10AL**

Corequisite: PHYS M10B

Class Hours: 3 lab

The laboratory experiments examine some of the basic phenomena in electromagnetism, optics, and modern physics. The use of common, modern laboratory instruments is learned and practiced during the experiments. The principles of data taking, data reduction, synthesis, and analysis, as well as the writing of scientific reports are part of the course. Applies to Associate Degree. Transfer credit: CSU; UC

PHYS M20A – 4 Units**Mechanics of Solids and Fluids**

Prerequisites: MATH M25A

Recommended Prep: PHYS M10A or high school physics and MATH M25B should be completed, or taken concurrently.

Class Hours: 4 lecture

Introduces the basic principles of the mechanics of solids and fluids. Calculus is used to develop the subject matter. The main topics are kinematics, Newtonian mechanics including rotational dynamics, work, energy, and fluid statics and dynamics. Applies to Associate Degree. Transfer credit: CSU; UC (PHYS M10A/B combined with PHYS M20A/B/C: maximum credit, one series)

PHYS M20AL – 1 Unit**Mechanics of Solids and Fluids Laboratory**

Prerequisites: MATH M25A

Corequisite: PHYS M20A should be completed or taken concurrently.

Class Hours: 3 lab

The experiments examine the basic laws of the mechanics of solids and fluids. The use of common measuring instruments and the principles of data taking and analysis, and the writing of scientific reports are learned. Applies to Associate Degree. Transfer credit: CSU; UC

PHYS M20B – 4 Units**Thermodynamics, Electricity and Magnetism**

Prerequisites: MATH M25B and PHYS M20A

Recommended Prep: Math M25C should be completed or be taken concurrently.

Class Hours: 4 lecture

Introduces the basic principles of thermodynamics, and electromagnetism. Calculus is used to develop the subject matter. The main topics are temperature, heat, the laws of thermodynamics, electrostatics, capacitance, DC circuits, magnetic forces and fields, electromagnetic induction, AC circuits, Maxwell's equations, and electromagnetic waves. Applies to Associate Degree. Transfer credit: CSU; UC (PHYS M10A/B combined with PHYS M20A/B/C: maximum credit, one series)

PHYS M20BL – 1 Unit**Thermodynamics, Electricity and Magnetism Laboratory**

Prerequisites: PHYS M20A, PHYS M20AL, and MATH M25B

Recommended Prep: PHYS M20B should be completed or taken concurrently.

Class Hours: 3 lab

The laboratory experiments examine some of the basic phenomena in thermodynamics and electromagnetism. The use of common, modern instruments, e.g. digital and analog voltmeters, ammeters, the oscilloscope, is learned and practiced during the experiments. The principles of data taking, data reduction, synthesis, and analysis, as well as the writing of scientific reports are part of the course. Applies to Associate Degree. Transfer credit: CSU; UC

PHYS M20C – 4 Units**Wave Motion, Optics and Modern Physics**

Prerequisites: PHYS M20B and MATH M25C

Class Hours: 4 lecture

Introduces the basic principles of wave motion, optics and modern physics. Calculus is used to develop the subject matter. The main topics covered include: classical wave theory, wave-particle duality, reflection, refraction, interference, diffraction, optical elements and systems, applications of Schrodinger's equation, atomic structure, molecular structure, the quantum nature of solids, consequences of special and general relativity, nuclear physics, particle physics, and cosmology. Applies to Associate Degree. Transfer credit: CSU; UC (PHYS M10A/B combined with PHYS M20A/B/C: maximum credit, one series)

PHYS M20CL – 1 Unit**Wave Motion, Optics, and Modern Physics Laboratory**

Prerequisites: PHYS M20B, PHYS M20BL, and MATH M25C

Recommended Prep: PHYS M20C should be completed or taken concurrently.

Class Hours: 3 lab

The laboratory experiments examine some of the basic phenomena in wave motion, optics, and modern physics. The use of common, modern instruments, e.g. digital and analog voltmeters, ammeters, digital storage oscilloscopes, frequency counters, lasers, spectrometers, optical energy and power meters, is learned and practiced during the experiments. The principles of data taking, data reduction, synthesis, and analysis, as well as the writing of scientific reports are part of the course. Applies to Associate Degree. Transfer credit: CSU; UC

PHYS M22A/B – 0.5 to 3 Units**Independent Studies in Physics**

Prerequisites: A previous course in Physics

Class Hours: 0.5 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of physics through research, lab work or field trips. Includes one-on-one work with instructor. Requires field trips. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

PHYS M80 – 1 to 4 Units**Internship in Physics**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20.) Applies to Associate Degree. Transfer credit: CSU

Physiology

See Courses in Biological Sciences

Political Science

The study of government and politics is the study of how people are governed and how they govern themselves. We examine the process by which scarce resources are allocated to an expanding population with ever-increasing demands. We look at American politics as an experience in "self-government" and realize that our system is quite different from the political systems developed by other countries. The study of politics includes the examination of how diversity impacts American politics. Our discipline also seeks to understand how nations deal with each other and what kinds of issues are likely to separate them – and how they resolve international conflict. A number of political science courses help prepare students for specific careers. For example, political science is often used as a pre-law major or for other related professions, such as careers in government at the federal, state or local levels. Our discipline is also appropriate for a number of other non-government professions and our faculty invite your questions about such opportunities.

Dean

Tim McGrath, Phone (805) 378-1445

Full-time Faculty

Lee Ballestero, Jack Miller, Steven Pfeffer

Counselors

Anitra Evans, Michael Johnson, Pam Kennedy-Luna

Transfer Information

Students planning to transfer need to consult with a counselor, prepare a Student Education Plan, and take advantage of support services available in the Career Transfer Center located in the Administration Building, (805) 378-1536. Transfer students interested in specializing in Political Science who wish to qualify for an Associate in Arts Degree could explore Social Sciences or International Studies as a possible major.

Political Science Courses**POLS M01 – 3 Units****Introduction to Politics**

Prerequisites: None

Class Hours: 3 lecture

Introduces basic political concepts within political science with an emphasis on American government. Applies to Associate Degree. Transfer credit: CSU; UC

POLS M02 – 3 Units**Comparative Politics**

Prerequisites: None

Class Hours: 3 lecture

Examines the political institutions, interests, identities, and public policy of various governments. Case studies will include examples taken from Europe, Asia, and the Middle East. Applies to Associate Degree. Transfer credit: CSU; UC

POLS M03 – 3 Units**American Government and Politics**

Prerequisites: None

Class Hours: 3 lecture

Introduces principles and problems of American Government and its political process, emphasizing national government. Satisfies Title V United States Constitution requirement as well as California state and local government requirement. Applies to Associate Degree. Transfer credit: CSU; UC (POLS M03 combined with POLS M03H: maximum credit, one course)

POLS M03H – 3 Units**Honors: American Government and Politics**

Prerequisites: None

Class Hours: 3 lecture

Honors work in the principles and problems of American Government and its political process, emphasizing national government. Satisfies Title V United States Constitution requirement as well as California state and local government requirement. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU; UC (POLS M03H combines with POLS M03: maximum credit, one course)

POLS M04 – 3 Units**International Relations**

Prerequisites: None

Class Hours: 3 lecture

Examines the organization and operation of the international political system with an emphasis on the relationships between theory, important nation states, and the major issues that are presently threatening the peace and prosperity of millions of people worldwide. Applies to Associate Degree. Transfer credit: CSU; UC

POLS M05 – 3 Units**National, State and Local Politics**

Prerequisites: None

Class Hours: 3 lecture

Examines the purpose and evolution of federalism from the founding to modern times. Introduces study of subnational units including the three branches of state government and the structure of local governments. Compares and contrasts the structure of the national government to state and local structures. Considers the challenges and problems that cities face in a federal system. Examines elections at all levels of government in order to determine how electoral systems promote diversity, representation and participation. Satisfies Title V United States Constitution requirement and the California state and local government requirement. (Formerly URBN M01A) Applies to Associate Degree. Transfer credit: CSU; UC

POLS M07 – 3 Units**Race and Ethnicity in American Politics**

Prerequisites: None

Class Hours: 3 lecture

Examines the role of race and ethnicity in American politics. Considers the histories, political attitudes and political behavior of major ethnic groups in the U.S. Studies how attitudes to public policy is affected by demographic characteristics of citizens. Applies to Associate Degree. Transfer credit: CSU; UC

POLS M22A/B – 1 to 3 Units**Independent Studies in Political Science**

Prerequisites: A previous course in Political Science

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of political science through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

POLS M60A-Z – 1 to 3 Units**Topics in Political Science**

Prerequisites: To be determined

Class Hours: To be determined

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the semester's Schedule of Classes. Transfer credit: determined by transfer institution.

Developed topics include:**POLS M60B – 0.5 Unit****Election Campaign Strategies**

Prerequisites: None

Class Hours: 0.5 lecture

Emphasizes key elements of a local election campaign. Guest speakers discuss topics, such as financial record-keeping, election filing deadlines, fundraising, precinct walking, and campaign advertising. Applies to Associate Degree. Transfer credit: CSU

POLS M60C – 3 Units**Politics in the Middle East**

Prerequisites: None

Class Hours: 3 lecture

Explores political developments and changes in the Middle East, emphasizing the Arab states, Israel, Iran and Turkey. Reviews the rich historical background of region, including cultural contributions and political conflicts before the 20th century, as well as current political processes, economic developments, and major problems. Applies to Associate Degree. Transfer credit: CSU; UC

POLS M80 – 1 to 4 Units**Internship in Political Science**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20.) Applies to Associate Degree. Transfer credit: CSU

Professional Development

Professional Development offers high-quality, short-term, practical courses for workplace development. The Professional Development Program is starting with an Educational Institute, the first in a series of institutes for people who want to further develop in their field.

Dean

Inajane Nicklas, Phone (805) 378-1443

PDEV M01 – 0.5 Unit

Outcome-Based Curriculum

Prerequisites: None

Class Hours: 0.5 lecture

Design guidelines, instructional techniques and assessment tools for building an outcome-based curriculum that addresses the question, “What will our students be able to do once they complete the course?” Applies to Associate Degree. Transfer credit: CSU

PDEV M01D – 0.5 Unit

Designing a Course: Learning Modules

Prerequisites: None

Class Hours: 0.5 lecture

Design an outcome-based course by identifying key concepts and issues, necessary skill development and relevant assessment tools. Determine the most effective methods of instruction by matching learning activities to learning outcomes. Critically analyze and evaluate course design for effectiveness. Applies to Associate Degree.

PDEV M02 – 0.5 Unit

Collaborative Learning

Prerequisites: None

Class Hours: 0.5 lecture

Reviews the theory and implementation of collaborative learning, including how to select, apply, and evaluate collaborative learning techniques to foster multiple levels of learning (comprehension, application, analysis). Applies to Associate Degree. Transfer credit: CSU

PDEV M03 – 0.5 Unit

Leadership Styles

Prerequisites: None

Class Hours: 0.5 lecture

Introduction to leadership styles that enhance effectiveness in the classroom and in the workplace, including interpersonal skills such as listening and empathy, leadership roles such as Coach and Visionary, and applications of leadership styles to varying classroom and work situations. Applies to Associate Degree. Transfer credit: CSU

PDEV M11 – 0.5 Unit

Conflict Resolution

Prerequisites: None

Class Hours: 0.5 lecture

Examine processes for resolving conflict and analyze interpersonal styles of responding to conflict. Practice conflict resolution strategies such as separating the people from the problem, focusing on interests not positions, inventing options for mutual gain, using objective standards for evaluation of the resolution and interpersonal skills such as listening and empathy. Explore conflict roles such as avoiding, accommodating, competing and collaborating. Apply appropriate conflict roles to varying situations. Analyze the importance of critical thinking skills in effective conflict resolution. Applies to Associate Degree. Transfer credit: CSU

PDEV M12 – 0.5 Unit

Team Building

Prerequisites: None

Class Hours: 0.5 lecture

Identify characteristics of an effective team and social styles of team members. Apply characteristics of an effective team to analyze the strengths and weaknesses of an existing team in a case study. Participate in simulation team building exercises to understand team purpose, roles, work assignments, and participant social styles. Develop an action plan to improve the team performance in a case study. Applies to Associate Degree. Transfer credit: CSU

Psychology

A major in psychology provides a study of the behavior of individuals and groups in contemporary society. The graduate in this major is prepared for positions in research and teaching, counseling, and service in clinical settings. The major also provides a background for graduate study in the field of psychology and related specialties.

Dean

Tim McGrath, Phone (805) 378-1445

Full-time Faculty

Frank Bianchino, Julie Campbell, Linda McDill, Lynn Meschan, Sally Ponce-O'Rourke, Adya Riss, Ofelia Romero-Motlagh, Margaret Tennant

Counselors

Chuck Brinkman, Anitra Evans, Michael Johnson, Pam Kennedy-Luna, Ofelia Romero-Motlagh

Psychology Courses

PSY M01 – 3 Units

Introduction to Psychology

Prerequisites: None

Class Hours: 3 lecture

Introduces a broad range of concepts and perspectives of human behavior, including history of psychology, research methodology, biological bases of behavior, principles of learning, memory, cognition and intelligence, personality, stress and health, behavior disorders and treatments, human sexuality, life span development, and social psychology. Applies to Associate Degree. Transfer credit: CSU; UC (PSY M01 and PSY M01H combined: maximum credit, one course)

PSY M01H – 3 Units

Honors: Introduction to Psychology

Prerequisites: None

Class Hours: 3 lecture

Investigates honors work in a broad range of concepts and perspectives of human behavior, including history of psychology, research methodology, biological bases of behavior, principles of learning, memory, cognition and intelligence, personality, stress and health, behavior disorders and treatments, human sexuality, life span development, and social psychology. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enriched opportunities. Applies to Associate Degree. Transfer credit: CSU; UC (PSY M01H and PSY M01 combined: maximum credit, one course)

PSY M02 – 3 Units**Introduction to Behavioral Neuroscience**

Prerequisites: PSY M01 or PSY M01H

Class Hours: 3 lecture

Introduces the principle of inheritance-cell division and mitosis, meiosis, chromosomes and human genetics, DNA structure and function, and from DNA to proteins; evolution; and neuropsychological bases for basic brain-behavior concepts involving structure and function of the nervous system, neural conduction and synaptic transmission, psycho-pharmacology; structure of the nervous system, brain lateralization, neuroplasticity, sensation and perception, internal body states, sexual behavior, emotional behavior, sleep and biological rhythms, biology of learning and memory, and psychopathological disorders. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M02H – 3 Units**Honors: Behavioral Neuroscience**

Prerequisites: PSY M01 or PSY M01H

Class Hours: 3 lecture

Investigates honors work in: the principles of inheritance – cell division, human genetics, DNA structure, function and protein synthesis; and neuropsychological bases for brain-behavior concepts involving structure and function of the nervous system neural conduction and synaptic transmission, psychopharmacology, brain lateralization, neuroplasticity, sensation and perception, internal body states, sexual behavior, emotional behavior, sleep and biological rhythms, biology of learning and memory, and psychopathological disorders. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enriched opportunities. Applies to Associate Degree. Transfer credit: CSU; UC (under review)

PSY M03 – 3 Units**Psychology of Interpersonal Relationships**

Prerequisites: None

Class Hours: 3 lecture

Introduces psychological principles involved in human relationships. Combines experiential and theoretical approaches to increase awareness, understanding, and decision-making. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU

PSY M04 – 3 Units**Child Psychology**

Prerequisites: None

Class Hours: 3 lecture

Focuses on the basic principles of developmental psychology from conception through adolescence. For each stage of development, students will learn about the biological, physical, cognitive, emotional, social and linguistic aspects of development. Included are the influences of culture, family, society and the environment. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M05 – 3 Units**Social Psychology**

Prerequisites: None

Class Hours: 3 lecture

Introduces social relationships, emphasizing interpersonal attraction; person perception; long-term relationships; prosocial behavior; attitude formation and changes; and the nature of prejudice, aggression, and conformity. (Same course as SOC M05) Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M06 – 3 Units**Introduction to Behavioral Research Methods**

Prerequisites: PSY M01

Class Hours: 3 lecture

Introduces basic research concepts and principles of behavioral science; descriptive and experimental research approaches; problem identification, hypothesis formation and testing; experimental variables and controls; validity and reliability; experimental, quasi-experimental and single-participant research designs; and research ethics. Requires research study and manuscript using APA guidelines and format. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M07 – 3 Units**Developmental Psychology (Life Span)**

Prerequisites: None

Class Hours: 3 Lecture

Introduces physical, emotional, cognitive, social, and cultural aspects of development from conception to death. Emphasizes normative behaviors and developmental stages over the life span. Reviews developmental theories and contemporary issues. Applies to Associate Degree. Transfer credit: CSU; UC (PSY M07 and CD M02 combined: maximum credit, one course)

PSY M08 – 3 Units**Abnormal Psychology**

Prerequisites: None

Class Hours: 3 lecture

Surveys field of abnormal behavior by reviewing patterns, causes, and history of maladaptive behavior; clinical assessment using the current Diagnostic and Statistical Manual; therapies; and prevention of behavioral disorders. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M09 – 3 Units**Introduction to Gerontology**

Prerequisites: None

Class Hours: 3 Lecture

Introduces physical, psychological, sociological, and economic aspects of aging, applying theories to current issues and problems facing the older population. Provider approved by the California Board of Registered Nursing. Provider Number CEP2811 for 45 contact hours. (Same course as SOC M09) Applies to Associate Degree. Transfer credit: CSU; UC (PSY/SOC M09 and PSY M30 combined: maximum credit, one course)

PSY M10 – 3 Units**Dying and Death**

Prerequisites: None

Class Hours: 3 lecture

Explores issues and decisions concerned with dying and death over the life span, including historical and cross-cultural perspectives, death socialization, medical ethics and the health care system, legal issues and afterlife concerns. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M11 – 3 Units**Psychology of Communication**

Prerequisites: None

Class Hours: 3 lecture

Introduces open, honest, direct communication and behavior emphasizing perceptions and emotions, verbal and non-verbal communication, defense mechanisms, and conflict resolution. Examines problem areas and alternate behaviors; and explores how to express anger, change behavior, make requests, say “No,” cope with criticism, and resolve conflicts. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M12 – 3 Units**Animal Behavior**

Prerequisites: None

Class Hours: 3 lecture

Introduction to the study of animal behavior with an emphasis on learning theory, especially classical and operant conditioning. It is designed to provide the student with an understanding of how to apply the concepts of ethology and behavior modification to the maintenance and training of animals in captivity. (Same course as ANSC M04) Applies to Associate Degree. Transfer credit: CSU

PSY M12L – 0.5 Unit**Animal Behavior Lab**

Prerequisites: None

Corequisite: PSY M12 or ANSC M04

Class Hours: 1.5 lab

Reinforces behavior modification and observational research through hands-on experience. Requires each student train a rat and conduct an observational research project on captive animals. (Same course as ANSC M04L) Applies to Associate Degree. Transfer credit: CSU

PSY M13 – 3 Units**Human Sexuality**

Prerequisites: None

Class Hours: 3 lecture

Explores psychological, biological, and sociological aspects of human sexual behavior, including sexual values, roles and lifestyles. Includes contraception, pregnancy, sexually transmitted diseases, sexual dysfunctions and treatments. Presents course content in an explicit, open, scientific and thoughtful manner. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M14 – 3 Units**Cross-Cultural Psychology**

Prerequisites: None

Class Hours: 3 lecture

Focuses on the impact of cultural and societal influences on the psychological development of ethnic groups. Integrates traditional theoretical approaches in psychology to current cross-cultural research and theory in the study of African Americans, American Indians, Asian Americans, and Latinos. Topics for analysis include: research methodology; identity formation and ethnicity; cognition and intelligence; language development; family and gender roles; psychological stressors; behavioral disorders and clinical assessment; cross-cultural counseling techniques; and prejudice, discrimination and stereotypes. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M16 – 3 Units**Personality Theories**

Prerequisites: None

Class Hours: 3 lecture

Reviews the major concepts and methods of personality theories and how they relate to the development and formation of personality. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M17 – 3 Units**Psychology of Leisure, Recreation, and Sport**

Prerequisites: None

Class Hours: 3 lecture

Introduces the topical areas of the psychology of leisure, recreation, and sport including history and foundations of the field, research methods, psychobiology of activity; uses activity for physical and mental health; activities across the life span; and the role of motivation, learning, information processing, attention, memory, and emotion in activity. Applies to Associate Degree. Transfer credit: CSU

PSY M18 – 3 Units**Educational Psychology**

Prerequisites: None

Class Hours: 3 lecture

Explores and synthesizes basic psychological issues and theories involved in learning, instruction, and evaluation. Introduces student learning processes influenced by cognition, development, motivation, and individual differences; instructional methods for teaching subjects such as reading, writing, science, and mathematics; instruction of learning and thinking strategies; and assessment techniques for evaluating student performance. Applies to Associate Degree. Transfer credit: CSU

PSY M19 – 3 Units**Cognitive Psychology**

Prerequisites: None

Class Hours: 3 lecture

Introduces topics, theories, and research essential to the understanding of the human mind including how the mind works – the perception of people, events, and things; how and what is remembered; how information is mentally organized; and how mental information and resources allow people to make important decisions. Includes the study of gender and cross-cultural differences across the life span. Applies to Associate Degree. Transfer credit: CSU; UC

PSY M20 – 3 Units **Intimacy, Relationships, and Commitment**

Prerequisites: None

Class Hours: 3 lecture

Explores theoretical, historical, cross-cultural, interdisciplinary, and personal perspectives of committed relationships, reviewing various perspectives on marriage and the family. Considers sex roles, socialization, sexuality, the single life, marriage, parenting, dual-career families, and conflicts in relationships, separation, divorce, remarriage, and alternative choices. (Same course as SOC M04) Applies to Associate Degree. Transfer credit: CSU; UC

PSY M22A/B – 1 to 3 Units **Independent Studies in Psychology**

Prerequisites: A previous course in Psychology

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of psychology through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

PSY M25 – 3 Units **Forensic Psychology**

Prerequisites: None

Class Hours: 3 lecture

Assesses the roles and responsibilities of forensic psychology and forensic psychologists within the legal system. Among the topics explored are: the psychology of criminal behavior; psychological assessment and testing; selected techniques of forensic investigation; eyewitness identification procedures; interviewing, interrogations, and confessions; juvenile delinquency and justice; insanity and competency; psychology and the courts; psychology of the jury; trail consultation; and correctional psychology. Applies to Associate Degree. Transfer credit: CSU

PSY M30 – 3 Units **Psychological Aspects of Aging**

Prerequisites: None

Class Hours: 3 lecture

Explores psychodynamic behaviors over the life span, focusing on the development and psychological needs of the aging adult as well as others' responses to these needs. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (PSY/SOC M09 and PSY M30 combined: maximum credit, one course)

PSY M40 – 3 Units **Introduction to Industrial/Organizational and Human Factors Psychology**

Prerequisites: None

Recommended Prep: PSY M01/M01H

Class Hours: 3 lecture

Overview of the related fields of Industrial/Organizational Psychology and Human Factors Psychology. Focuses on applying psychological theories and principles to real world human/work systems. Representative topics include the psychological aspects of personnel selection, training, gender issues, multicultural issues, cross-cultural issues, psychological testing, motivation, group dynamics, leadership, organizational climate, job satisfaction, job design, safety, ergonomics, and human/system interaction. Applies to Associate Degree. Transfer credit: CSU

PSY M60A-Z – 0.5 TO 3 Units **Topics in Psychology**

Prerequisites: To be determined

Class Hours: To be determined

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the semester's Schedule of Classes. Transfer credit: determined by transfer institution.

Developed topics include:

PSY M60A – 1 Unit **Biofeedback: Theory and Technique**

Prerequisites: None

Class Hours: 1 lecture

Introduces theory, research, and practical applications of biofeedback. Provides academic discussion as well as practical training on biofeedback equipment. Only offered credit/no-credit. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 15 contact hours. Applies to Associate Degree. Transfer credit: CSU

PSY M60C – 3 Units **Altered States of Consciousness**

Prerequisites: None

Class Hours: 3 lecture

Discusses the meaning of consciousness and related concepts. Topics include Introduction to perception; split-brain research; daydreaming and stream of consciousness; and altered states of sleep and dreaming, hypnosis, meditation, and drugs. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU

PSY M60V – 3 Units **The Vietnam War**

Prerequisites: None

Class Hours: 3 lecture

Examines circumstances leading to American involvement in Vietnam, the war itself, and the resulting consequences. Uses literature and film to explore historic, psychological and pop-cultural perspectives. (Same course as HIST M60V and HUM M60) Applies to Associate Degree. Transfer credit: CSU; UC

PSY M80 – 1 to 4 Units **Internship in Psychology**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20.) Applies to Associate Degree. Transfer credit: CSU

Radio/Television

This major is designed for students who plan professional or academic careers in educational or commercial radio or television. The major provides training that leads to positions in management or creative capacities or in related scholarly areas. Study is directed toward developing competence in specific areas of the mass media professions and providing a general knowledge of mass communication theory.

Dean

Julius Sokenu, Phone (805) 378-1448

Full-time Faculty

Candice Larson, Al Miller

Counselors

Denice Avila, Michael Johnson, Candace Peyton

Degree in Radio/Television

To earn an Associate in Arts Degree with a major in Radio/Television, students complete 29 specified units, plus General Education Degree Requirements. This program's varied curriculum provides Introductory knowledge of broadcasting. Emphasis is possible through Introductory specialization in such fields as broadcast journalism, production techniques, and advertising sales.

In addition to General Education Degree Requirements, complete the following:

Required Courses	Units
RT M01Media and Society	3.0
RT M02ATelevision Studio Operation	3.0
RT M02BDigital Camera Production/Editing	3.0
RT M03ATelevision Production Workshop	3.0
RT M05Radio/Television Script Writing.....	3.0
RT M07AAudio Production	3.0
Choose a minimum of 9 units from the following courses.....	9.0
FILM M25History of International Cinema I: Emergence to WWII..	3.0
FILM M26History of International Cinema II: WWII to the Present	3.0
PHOT M01A.....Beginning Photography.....	3.0
RT M03BTelevision Directing and Editing	3.0
RT M07BAdvanced Media Audio Production	3.0
RT M08Voice and Diction	3.0
RT M09Acting for Film and TV	3.0
RT M12Broadcast Journalism	3.0
TOTAL	29.0

See General Education Degree Requirements and Transfer Information.

Radio/TV Courses

RT M01 – 3 Units Media and Society

Prerequisites: None
Class Hours: 3 lecture

Surveys history and nature of print and electronic media in America, examining social, political and cultural implications. (Same course as JOUR M01) Applies to Associate Degree. Transfer credit: CSU; UC

RT M02A – 3 Units Television Studio Operation

Prerequisites: None
Class Hours: 2 lecture, 3 lab

Introduction to multiple camera production for television and multimedia applications. Provides basic operational skills and techniques through practical hands-on experiences in: directing, switching, scripting, lighting, sound and camera composition and operation. Applies to Associate Degree. Transfer credit: CSU

RT M02B – 3 Units Digital Camera Production/Editing

Prerequisites: None
Recommended Prep: RT M02A
Class Hours: 2 lecture, 3 lab

Introduces knowledge and skills for single camera production as well as aesthetics and technical techniques in video editing. Emphasis on shooting single camera, audio, lighting, editing and graphics as well as television product development. Provides extensive field production and pre- and post-production techniques. Applies to Associate Degree. Transfer credit: CSU

RT M03A – 3 Units Television Production Workshop

Prerequisites: RT M02B
Class Hours: 2 lecture, 3 lab

Introduces intermediate-level work in production, including camera work, technical direction and lighting. Emphasizes creation of new program concepts and types. Requires producing an experimental TV program. Applies to Associate Degree. Transfer credit: CSU

RT M03B – 3 Units Television Directing and Editing

Prerequisites: RT M03A
Class Hours: 2 lecture, 3 lab

Introduces advanced directing and editing skills appropriate for creating advanced level TV/Video productions. Emphasis on integration of studio and field production elements and extensive post-production activities. Requires producing variety of television programs. Applies to Associate Degree. Transfer credit: CSU

RT M04 – 2 Units Digital Editing

Prerequisites: RT M02B
Class Hours: 1 lecture, 3 lab

Introduces theory and application of editing techniques using digital non-linear editing systems. Critical analysis of the editing process, editing complex scenes and creating visual effects. Introduction to editing system troubleshooting. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RT M05 – 3 Units Radio/Television Script Writing

Prerequisites: ENGL M01A
Class Hours: 3 lecture

Develops skills in the analysis and preparation of news, commercials, program formats, public service announcements, and dramatic scripts including situation comedy, made-for-television movie, continuing dramatic series, and theatrically released motion picture. (Same course as ENGL M05) Applies to Associate Degree. Transfer credit: CSU

RT M07A – 3 Units**Audio Production**

Prerequisites: Completion of or concurrent enrollment in RT M01

Class Hours: 2 lecture, 3 lab

Provides a basic knowledge of audio equipment used in typical radio, television, multimedia and dramatic productions, including: audio consoles, various digital audio recording equipment and digital audio workstations. Develops skills in announcing, basic writing, disk jockeying program production and direction, commercial production, interviewing techniques, station operations and live and recorded audio production for new media and theater. Applies to Associate Degree. Transfer credit: CSU

RT M07B – 3 Units**Advanced Media Audio Production**

Prerequisites: RT M07A

Class Hours: 2 lecture, 3 lab

Provides an understanding of advanced audio equipment with focus upon digital audio workstations. Develops skills in the operation of digital audio equipment typically used in radio and television stations, multimedia, and theater applications. Prepares advanced students for entry-level positions in radio, television, multimedia and theater audio production. Applies to Associate Degree. Transfer credit: CSU

RT M08 – 3 Units**Voice and Diction**

Prerequisites: None

Class Hours: 3 lecture

Introduces theory and practice of voice control, emphasizing correct pronunciation, breathing control techniques, and regional and foreign dialects. Especially useful for those in theatre, forensics and broadcasting. May be taken for a total of two (2) times for credit. (Same course as THA M03 and COMM M03) Transfer credit: CSU; UC

RT M09 – 3 Units**Acting for Film and TV**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces techniques pertinent to film and television acting, including blocking, movement, rapid line learning, and use of microphones. Includes performance in student-directed films and television shows. May be taken for a total of four (4) times for credit. (Same course as THA M09) Applies to Associate Degree. Transfer credit: CSU; UC

RT M10A – 3 Units**Digital Filmmaking: Producing and Writing**

Prerequisites: RT M02B

Recommended Prep: RT M04 or RT M05

Class Hours: 2 lecture, 3 lab

Advanced producing and writing in the development of narrative story telling. Includes the application of the principles and techniques of story boarding, location scouting, budgeting and casting. Students will produce and write a short narrative digital film. Applies to Associate Degree. Transfer credit: CSU

RT M10B – 3 Units**Digital Filmmaking: Directing and Editing**

Prerequisites: RT M02B

Recommended Prep: RT M04 or RT M05 or RT M10A

Class Hours: 2 lecture, 3 lab

Advanced directing and shooting in the development of narrative story telling. Includes the application of the principles and techniques of digital cameras, non-linear editing and aesthetic evaluations. Students will shoot and edit a short narrative digital film. Applies to Associate Degree. Transfer credit: CSU

RT M12 – 3 Units**Broadcast Journalism**

Prerequisites: None

Recommended Prep: JOUR M02, or concurrent enrollment in RT M13/JOUR M13

Class Hours: 2 lecture, 3 lab

Provides practice and application in developing and preparing content for radio, television and online. Develops interviewing and other newsgathering skills, as well as content synthesis with concern for accuracy, balance, fairness and journalistic ethics. Includes writing and editing original copy as well as practice rewriting wire service copy for on-air and online use. (Same course as JOUR M12) Applies to Associate Degree. Transfer credit: CSU

RT M13 – 3 Units**Broadcast News Production**

Prerequisites: None

Recommended Prep: RT M02A or RT M02B or concurrent enrollment in JOUR M12/RT M12

Class Hours: 2 lecture, 3 lab

Training in producing news for television and multimedia applications with an emphasis on the use of digital newsgathering equipment, producing newscasts and on-air presentation of completed stories. Provides operational skills and techniques through practical hands-on experiences in: studio directing, location shooting, and editing. Students will form a crew and create news productions to air on the Moorpark College website. (Same course as JOUR M13) Applies to Associate Degree. Transfer credit: CSU

RT M17 – 3 Units**Television Portfolio**

Prerequisites: RT M02A or RT M02B

Recommended Prep: RT M03A or RT M04 or RT M10A

Class Hours: 1 Lecture, 6 Lab

Provides students the opportunity to design and create video projects for entry-level positions and for transfer institutions. Script development, budgeting, scheduling and production. Practical assignments with Moorpark College projects. May be taken for a total of three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU

RT M18 – 1.5 Units Auditioning Techniques

Prerequisites: None

Recommended Prep: THA M02A or THA M09 or RT M09

Class Hours: 0.5 Lecture, 3 Lab

Provides training in various forms of audition for theatre, film, television and television commercials. Exercises in cold reading, and exercises that feature the improvised dramatization of interview situation will be emphasized. Includes instruction in the business aspects of being a working actor: preparing a resume, creating self promotional materials, seeking an agent, interviewing with industry professionals and interacting with other actors in audition situations. May be taken a total of two (2) times for credit. Required field trips. (Same course as THA M18.) Applies to Associate Degree. Transfer credit: CSU

RT M22A/B – 1 to 3 Units Independent Studies in Radio/Television

Prerequisites: A previous course in Radio/Television

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of radio/television through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

RT M60A-Z – 1 to 3 Units Topics in Radio/Television

Prerequisites: To be determined

Class Hours: To be determined

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the semester's Schedule of Classes. Applies to Associate Degree. Transfer credit: determined by transfer institution.

RT M80 – 1 to 4 Units Internship in Radio/Television

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20.) Applies to Associate Degree. Transfer credit: CSU

Radiologic Technology

The Associate Degree in Radiologic Technology (ADRT) is intended to develop the necessary knowledge and skill basic to the function of a Radiographer in performing diagnostic x-ray procedures in hospital or other health care settings.

The radiography program is accredited by the Joint Review Committee of Education in Radiologic Technology and by the California Department of Health. Radiography students must complete or be enrolled in all general education and required Radiologic Technology courses to be eligible to take the California and National Licensing Exams administered during the last semester of the program.

Dean

Lori Bennett, Phone (805) 378-1515

Full-time Faculty

Guadalupe Aldana, Robert Darwin

Counselors

Frank Bianchino, Danita Redd

Application Procedure

The application period for receipt of applicant information and transcripts by the Health Science counselors for Radiologic Technology is February 1 to March 15.

Admission Requirements

STEP 1:

Qualifying Requirements: High school graduation or General Education Development (GED) Exam with a score of 45 or successfully pass the California High School Proficiency Exam (CHSPE).

STEP 2:

Self Placement Assessment.....	Units
MATH M01Elementary Algebra or higher	5.0
ENGL M01English Composition.....	4.0

STEP 3:

Prerequisites Courses for Application to the Radiologic Technology Program

Required Courses.....	Units
**ANAT M01 and ** PHSO M01	9.0
General Anatomy and Human Physiology	

OR

ANPH M01	6.0
Introduction to Human Anatomy/Physiology and Lab (For the AS Degree; this combined course may not be acceptable for transfer to some accepting institutions.)	

CIS M20.....Introduction to Computers (or higher)	1.5
HS M17Health Care Ethics	3.0
PHIL M02Introduction to Ethics.....	3.0
HS M19Medical Terminology.....	3.0
Any Physical Science course	3.0
HS M16RBasic Skills for Radiologic Technologist	0.5

All courses in the Radiologic Technology major must be completed with a Grade of C or better.

STEP 4:

Required general education courses. These courses are necessary for the Associate Degree and must be completed prior to graduation.

Recommended Course.....	Units
Fine or Performing Arts - Course of choice.....	3.0
American History and Institutions - Course of Choice	3.0
Physical Science - Course of Choice – Minimum	3.0
Social and Behavior Science	3.0
ANTH M02 or PSY M01 or SOC M01	
Communication and Analytical Thinking	7.0
ENGL M01A or ENGL M01B or MATH M03 or PHIL M07	
Physical Education - Course of choice	1.5

Enrollment Process

•Upon meeting the qualifying requirements (Step 1) and the Prerequisite Science Courses (Step 3) with a C or better and an overall GPA of 2.5 or better, students may submit a Radiologic Technology application to a Health Science/Radiologic Technology counselor from February 1 -March 15 of each year. All official College and High School transcripts must be submitted with the application.

- If the program is impacted, there will be a random selection of qualified applicants. Each applicant will be assigned a number and placed on a waiting list. Each applicant's number will indicate his/her place in "LINE" to enter the program. Applicants are admitted to the program by number order.
- There will be alternates selected for each admission class to serve on standby for admission until the end of the first week of class. If not admitted, these alternates will be first admissions into the next class.
- The Health Science Department will contact applicants regarding acceptance/admission.
- Admission may be denied to an applicant who has failed or withdrew failing from a program and whose overall record makes program completion unlikely (example: two program withdrawals); or who has health and/or safety deficits which place clients at risk.

Degree in Radiologic Technology

To earn an Associate in Science Degree with a major in Radiographic Technology, students complete 69.5 specified units, plus General Education Degree Requirements.

Required Courses	Units
RADT M10A.....Introduction to Radiologic Technology.....	2.0
RADT M10AL.....Introduction to Radiologic Technology Lab I.....	2.5
RADT M10B.....Introduction to Radiologic Technique.....	2.0
RADT M01A.....Radiographic Practice I.....	3.0
RADT M01AL.....Radiographic Clinical Lab I.....	2.5
RADT M01B.....Radiographic Technique I.....	4.0
RADT M01BL.....Radiographic Technique Lab I.....	1.0
RADT M11.....Radiography Skills Lab I.....	1.0
RADT M02A.....Radiographic Practice II.....	3.0
RADT M02AL.....Radiographic Clinical Lab II.....	5.0
RADT M02B.....Radiographic Technique II.....	4.0
RADT M02BL.....Radiographic Technique Lab II.....	1.0
RADT M12.....Radiography Skills Lab II.....	1.0
RADT M49.....Radiographic Practicum.....	7.5
RADT M15.....Venipuncture.....	1.0
RADT M03.....Advanced Radiographic Technique.....	4.0
RADT M03L.....Radiographic Clinical Lab III.....	10.5
RADT M03B.....Radiographic Pathology.....	2.0
RADT M04.....Introduction to Image-Intensified Fluoroscopy.....	1.0
RADT M04L.....Radiographic Clinical Lab IV.....	10.5
RADT M14.....Radiography Film Critique Lab.....	1.0
TOTAL	69.5

Program Requirements

- After students have been admitted, the following requirements must be met:
- A Physical Exam documented on the Moorpark College Radiologic Technology Health Appraisal form, which considers freedom from communicable diseases and ability to function in a hospital setting.
 - Proof of Immunity to Rubeola, Mumps, Rubella, Hepatitis B, Varicella.
 - Evidence of physical and emotional fitness upon admission and throughout the program is expected and is subject to medical opinion of the college physician and to medical opinion or policy of hospitals or agencies used as clinical sites.
 - Current Cardiopulmonary Resuscitation C for Health Care Providers certification, renewable every two years (either HS 18 or Red Cross Certificate: CPR for Professional Rescuer.)
 - Criminal background check fee and drug screening, paid by student and through an agency approved by the Health Sciences Department and before placement into a clinical site. The Health Science Department is unable to place students in clinical settings if they have a positive criminal background check or drug screening. Therefore, the student will not be able to complete the required program of courses.

Ethical Expectations

All students admitted to the Radiologic Technology program are expected to maintain the highest personal and ethical standards of conduct consistent with professional standards as perceived by the faculty and professional personnel in the agencies used as extended campus sites. Any information indicating that such standards are not maintained is subject to review by members of the faculty, which may recommend to the college dismissal from the program.

Pre-application To ARRT

The conviction of a felony may prohibit licensure as a Radiologic Technology professional. Each case is reviewed and determined by the ARRT. The Board considers the nature and severity of the offense, subsequent acts or crimes, compliance with the sanctions, and evidence of rehabilitation. To obtain a pre-application, contact ARRT: (651) 687-0048 or at the website: www.arrt.org

Performance Standards

In compliance with the 1990 American with Disabilities Act, the Health Sciences Department does not discriminate against qualified Radiologic Technology applicants with disabilities. These performance standards, reflected in specific Radiologic Technology course/program objectives, are to assist each applicant in determining eligibility and the need for accommodations or modifications. The faculty in conjunction with the community clinical facilities will determine, on an individual basis, whether the necessary accommodations or modifications can reasonably be made.

- Critical Thinking ability sufficient for safe clinical judgment: calculating, reasoning, analyzing, prioritizing, and synthesizing data. Examples: identify cause and effect relationships in clinical situations.
- Interpersonal abilities sufficient to interact with individuals, families, and groups with diverse social, emotional, cultural, and intellectual backgrounds: function effectively under stress. Example: Establish rapport with diverse clients and colleagues.
- Communication abilities sufficient for effective verbal and written interactions. Examples: Explain radiologic diagnostic treatment procedures, positioning instructions, document and interpret actions and client responses.
- Mobility physical abilities sufficient to move from room to room and maneuver in small spaces and reach overhead equipment. Examples: Move around X-Ray rooms, clients' rooms, x-ray equipment/machines, workspaces, and diagnostic/treatment areas; administer emergency/CPR procedures.
- Motor Skills gross and fine motor abilities sufficient to provide safe and effective care. Examples: Calibrate equipment, move and use equipment/machines; lift, position and transfer clients.
- Hearing ability sufficient to monitor and assess health needs. Examples: Hear monitor alarm, emergency signals, auscultatory sounds, cries for help.
- Visual ability sufficient for observation and visual assessment in well lit and dimly lit areas. Examples: Observe client responses and changes in condition.
- Tactile ability sufficient for physical assessment and positioning. Examples: Perform palpation functions for positioning and determining anatomical landmarks.
- Travel Expectations The clinical sites extend from northern Ventura County to eastern most portions of the San Fernando Valley, within an approximate 40-mile radius from Moorpark College. Each student is responsible for his or her own transportation.

Program Completion

For successful completion of the Radiologic Technology program, a minimum grade of C (75%) is necessary in all courses required for the major.

Program Costs

Costs incurred by radiologic technology students include, but are not limited to: Physical examination, immunizations, uniforms, equipment, materials fees, radiation badge monitoring, Association dues, and examination application.

Advanced Placement

Opportunities for advanced placement based on space are available to readmission applicants, Limited Permit X-Ray Technicians and graduates from foreign countries. Advanced Placement students must have an entrance interview with the Radiologic Technology faculty to review scholastic audits and placement.

Transfer for Bachelor of Science**Degree Radiography****Technology (BSRT)**

Students wishing to apply for admission to a program leading to a Bachelor's Degree in Radiologic Technology may do the following:

Complete the Moorpark College Associate Degree in Radiologic Technology and apply for transfer to an accepting institution. California State University, Northridge has articulated specific courses with Moorpark College granting transferable units in science, general education and radiologic technology.

OR

Satisfy the transferable lower-division science and general education requirements and apply to a BSRT program. Major requirements for upper-division standing at California State University, Northridge, are ANAT M01; BIOL M01; CHEM M12; MATH M07; PHSO M01; PHYS M10A/10AL, M10B/10BL.

Radiologic Technology Courses**RADT M01A – 3 Units****Radiographic Practice I**

Prerequisites: RADT M10A, RADT M10AL and RADT M10B

Corequisite: RADT M01AL and RADT M11

Class Hours: 3 lecture

Focuses on routine and trauma radiographic anatomy, positioning and procedures of the upper and lower extremities, shoulder girdle, bony thorax, pelvic girdle and spinal column. Includes pathologic indications that radiographers should be familiar with for each of the above anatomical areas. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M01AL – 2.5 Units**Radiographic Clinical Lab I**

Prerequisites: RADT M10A, RADT M10AL and RADT M10B

Corequisite: RADT M01A and RADT M11

Class Hours: 7.5 lab

Introductory clinical laboratory that will provide an opportunity for practical application from RADT M10 and RADT M01A theory and skills lab content. This lab will take place in the radiology department of a pre-assigned clinical affiliate. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M01B – 4 Units**Radiographic Technique I**

Prerequisites: RADT M10A, RADT M10AL, RADT M10B

Corequisite: RADT M01A, RADT M01AL and RADT M01BL

Class Hours: 4 lecture

Covers function and manipulation of radiographic equipment for conventional radiographic systems as well as digital systems. Image quality and the technical factors needed for optimum image quality in conventional and digital systems are covered. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M01BL – 1 Unit**Radiographic Technique Lab I**

Prerequisites: RADT M10A, RADT M10AL and RADT M10B

Corequisites: RADT M01A, RADT M01AL and RADT M01B

Class Hours: 3 lab

Provides basic knowledge in factors that govern and influence the production and recording of radiographic images. Class demonstrations and experiments are used to demonstrate application of theory learned in RADT M01B. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M02A – 3 Units**Radiographic Practice II**

Prerequisites: RADT M01A, RADT M01AL, RADT M01B, RADT M01BL and RADT M11

Corequisite: RADT M02AL, RADT M02B, RADT M02BL, and RADT M12

Class Hours: 3 lecture

Covers routine, trauma, geriatric and pediatric radiographic imaging of the skull, paranasal sinuses and facial bones. Focuses on fluoroscopic and contrast media procedures of the gastro-intestinal and genitourinary systems with an Introduction to angiographic and interventional procedures. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M02AL – 5 Units**Radiographic Clinical Lab II**

Prerequisites: RADT M01A, RADT M01AL and RADT M11

Corequisite: RADT M02A, RADT M02B, RADT M02BL, and RADT M12

Class Hours: 15 lab

Provides an opportunity for practical application theory and skills lab courses. Conducted in the radiology department of a pre-assigned clinical affiliate. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M02B – 4 Units**Radiographic Technique II**

Prerequisites: RADT M01A, RADT M01AL, RADT M01B, RADT M01BL, and RADT M11

Corequisite: RADT M02A, RADT M02AL, RADT M02BL, and RADT M12

Class Hours: 4 lecture

Covers basic principles of radiation protection and radiobiology as well as State and Federal regulations for diagnostic uses of radiation. Includes problem solving, quality assurance and quality control, automatic exposure control and components of Computed Tomography imaging systems. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M02BL – 1 Unit**Radiographic Technique Lab II**

Prerequisites: RADT M01A, RADT M01AL and RADT M01B

Corequisites: RADT M02A, RADT M02AL and RADT M02B

Class Hours: 3 lab

Applies radiation health and safety requirements in the acquisition of a radiograph with optimum image quality. Class demonstrations and experiments are used to demonstrate application of theory learned in RADT M02B. Applies to Associate Degree. Transfer credit: CSU

RADT M03 – 4 Units**Advanced Radiographic Technique**

Prerequisites: RADT M02A, RADT M02AL, RADT M02B, RADT M02BL, RADT M12, and RADT M49

Corequisite:

Class Hours: 4 lecture

Introduces the advanced radiography student to advanced imaging specializations in the radiation sciences. Includes computed tomography and cross sectional anatomy as viewed under these modalities. May be taken for a total of two (2) times for credit. Fulfills the General Education Health Requirement for Associate Degree in Radiologic Technology. (Formerly RADT M04A) Applies to Associate Degree. Transfer credit: CSU

RADT M03L – 10.5 Units**Radiographic Clinical Lab III**

Prerequisites: RADT M02A, RADT M02AL and RADT M49

Corequisite: RADT M03 and RADT M03B

Class Hours: 31.5 lab

Intermediate clinical laboratory that will provide an opportunity for practical application from RADT M01A and RADT M02A theory and skills lab content. This lab will take place in an x-ray department of a pre-assigned clinical affiliate. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M03B – 2 Units**Radiographic Pathology**

Prerequisites: RADT M01A and RADT M02A

Corequisite: RADT M03, RADT M03L

Class Hours: 2 lecture

Introduces the advanced radiography student to various types of disease processes seen radiographically. It covers the following systems: respiratory, digestive, genito-urinary, osseous, hepatobiliary, and nervous. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M04 – 1 Units**Introduction to Image-intensified Fluoroscopy**

Prerequisites:

Corequisite: RADT M04L and RADT M14

Class Hours: 1 lecture

May be taken for a total of two (2) times for credit. (Formerly RADT M03A) Applies to Associate Degree. Transfer credit: CSU

RADT M04L – 10.5 Units**Radiographic Clinical Lab IV**

Prerequisites: RADT M03, RADT M03L and RADT M03B

Corequisite: RADT M04 and RADT M14

Class Hours: 31.5 lab

An advanced clinical laboratory that will provide an opportunity for practical application from all of the previous radiography theory and lab content and will include rotations to observe in computer tomography, magnetic resonance, radiation therapy, ultrasound and special procedures. This lab will take place in an x-ray department of a pre-assigned clinical affiliate. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M10A – 2 Units**Introduction to Radiologic Technology**

Prerequisites: Admission to the Moorpark College Radiography Program and ANPH M01

Corequisite: RADT M10AL and RADT M10B

Class Hours: 2 lecture

Provides the new radiography student with entry-level information to begin clinical practice to a diverse client population in a radiology department. Will emphasize radiation protection, equipment manipulation and safety, darkroom technique, anatomy and positioning for chest and abdomen procedures and career options in Radiology. Applies to Associate Degree. Transfer credit: CSU

RADT M10AL – 2.5 Units**Introduction to Radiologic Technology Lab**

Prerequisites: Admission to the Moorpark College Radiography Program and ANPH M01 and HS M19

Corequisite: RADT M10A and RADT M10B

Class Hours: 7.5 lab

Permits the new radiography student to participate in a simulated radiography department setting in the on-campus Radiography skills lab. Participation will include darkroom procedures, equipment manipulation, radiation protection procedure, basic radiographic positions and projections positions and chest and abdomen anatomy and procedures. May be taken a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M10B – 2 Units**Introduction to Radiographic Technique**

Prerequisites: Admission to the Moorpark College Radiography Program

Corequisites: RADT M10A and RADT M10AL

Class Hours: 2 lecture

Provides a basic knowledge for radiographic equipment and design. It will cover different types of radiographic equipment, x-ray circuits and generators. Also covers basic atomic structure, electromagnetic spectrum and properties of x-rays. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M11 – 1 Unit**Radiographic Lab I**

Prerequisites: RADT M10A, RADT M10AL and RADT M10B

Corequisite: RADT M01A and RADT M01AL

Class Hours: 3 lab

Provides practical application of theory from RADT M01A through simulated clinical experiences in a radiography skills lab. Each student will practice positioning with a "mock patient" and make actual radiographs of an x-ray phantom. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M12 – 1 Unit**Radiographic Lab II**

Prerequisites: RADT M01A, RADT M01AL and RADT M11

Corequisite: RADT M02A and RADT M02AL

Class Hours: 3 lab

Provides an opportunity for practical applications of theory content from RADT M02A through simulated clinical experiences in a radiography skills lab. Each student will practice positioning with a "mock patient" and make radiographs of an x-ray phantom. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M14 – 1 Unit**Radiographic Film Critique Lab**

Prerequisites: RADT M03 and RADT M03L

Corequisite: RADT M04 and RADT M04L

Class Hours: 3 lab

Provides radiographic film critique to integrate clinical practice and classroom education. Evaluates technical errors on radiographs and review strategies for avoiding future errors. Provides simulated registry exam review and prepares student to take the American Registry of Radiologic Technologists (ARRT) exam. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M15 – 1 Unit**Venipuncture and ECG for Diagnostic Imaging**

Prerequisites: Certified Radiologic Technologist or RADT M02A

Class Hours: 0.5 lecture, 1.5 lab

Provides the student with the basic techniques to practice venipuncture in an upper extremity for the sole administration of contrast materials. Upon completion, the student will need to perform ten (10) venipunctures at a clinical site under the direct supervision of a physician in order to comply with state regulations and earn certification to perform venipuncture. Also contains an Introduction to ECG, including, but not limited to, preparation for ECG, monitoring, normal and abnormal rhythms. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

RADT M22A/B – 1 to 3 Units**Independent Studies in Radiography**

Prerequisites: A previous course in Radiologic Technology

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of radiologic technology through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

RADT M49 – 7.5 Units**Radiography Summer Practicum**

Prerequisites: RADT M03 and M03L

Class Hours: 26.5 hours

Clinical experience in a pre-assigned clinical affiliate. Focuses on the improvement of clinical skills of all Previously learned radiological procedures in Level I courses. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU

Recreation**Dean**

Lori Bennett, Phone (805) 378-1515

Counselors

Donna Proske Allyn, Michael Johnson

Recreation Courses**REC M01 – 3 Units****Programs and Leadership**

Prerequisites: None

Class Hours: 3 lecture

Introduces the philosophies, organization, promotion and leadership of various types of recreation programs, agencies and organizations, emphasizing effective leadership techniques and program services. Applies to Associate Degree. Transfer credit: CSU

REC M10 – 1.5 Units**Outdoor Adventure**

Prerequisites: None

Recommended Prep: Physical condition equal to challenges of these activities.

Class Hours: 1 lecture, 2 lab

Introduces students to lifelong activities in the outdoor environment from shore to sea. Activities will take place at wilderness sites in the central and southern California region. Each semester will focus on an environment and activities from a specific wilderness site. Participation in one or more outdoor skills such as camping, hiking, kayaking, backpacking, cross country skiing and other site specific activities will be covered during a class field trip. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU

Sign Language**Career Opportunities**

Interpreting, Education, Counseling, Social Work, Psychology, Communication Technologies, Health Professions and Social Activism.

Dean

Inajane Nicklas, Phone (805) 378-1443

Full-time Faculty

Susan DeSantis

Counselors

Anitra Evans, Ofelia Romero-Motlagh

Sign Language Courses**SL M01 – 3 Units****American Sign Language I**

Prerequisites: None

Class Hours: 3 lecture

Introductory course in the fundamentals of American Sign Language. Offers an Introduction to the basic vocabulary and finger spelling systems necessary to facilitate communication in ASL and will focus on developing expressive and receptive signing skills. The technical aspect of Kinesthetic Linguistics includes an emphasis on syntactical structure and various linguistic components such as: grammatical features, semantics, lexical countenance and the psychosocial nuances of Deaf Culture. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

SL M02 – 3 Units
American Sign Language II

Prerequisites: SL M01
 Class Hours: 3 lecture

Introduces fundamentals of American Sign Language, including basic vocabulary and finger spelling. Emphasizes grammatical structure and comprehension. Explores deaf culture. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU, UC

Social Sciences

A major in Social Sciences explores a broad spectrum of courses that introduce the socio-cultural, economic, and political aspects of society. Completing this major satisfies much of the required liberal studies background for students who are planning to teach.

Dean

Tim McGrath, Phone (805) 378-1445

Counselors

Anitra Evans, Michael Johnson, Candace Peyton

Degree in Social Science

To earn an Associate in Science Degree with a major in Social Science, students complete 21 specified units, plus General Education Degree Requirements. Students can specialize in either Geography, History, Philosophy or Political Science.

Required Courses.....	Units
Units from Area A	12.0
Units from Area B	6.0
Units from Area C	3.0
TOTAL	21.0

AREA A: Choose one 3-unit course from EACH of the following:

- Geography: GEOG M02, GEOG M03, GEOG M04 or GEOG M07.
- Any History course, except HIST M22A/B, HIST M60 series or HIST M80.
- Philosophy: PHIL M01, PHIL M02, PHIL M03, PHIL M04 or PHIL M06
- Political Science: POLS M01, POLS M02, POLS M05.

AREA B: Choose two 3-unit courses from one of the following, except M22A/B, the M60 series or M80:

- Geography: except GEOG M01, GEOG M05.
- History
- Philosophy
- Political Science

AREA C: Choose one 3-unit course from one of the options below:

1. One 3-unit course from Area B, except M22, M60 series or M80; be certain the course is outside of your degree emphasis.
2. One 3-unit course from one of the following choices:
 - Anthropology: ANTH M02, ANTH M04
 - Psychology: PSY M01, PSY M05, PSY M07, PSY M14.
 - Sociology: SOC M01, SOC M02, SOC M05, SOC M06, SOC M08.

See General Education Degree Requirements and Transfer Information.

Sociology

Sociology offers much to the student who is eager to understand the web and rhythm of human behavior. From intimate, personal, and family relationships to international corporation activities; from marginality, deviance and crime to recreation, religion and medicine; few disciplines have such broad scope and relevance.

Dean

Tim McGrath, Phone (805) 378-1445

Full-time Faculty

Cynthia Barnett, Linda McDill, Daniel Vieira

Counselors

Anitra Evans, Michael Johnson, Pam Kennedy-Luna, Ofelia Romero-Motlagh

Sociology Courses

SOC M01 – 3 Units

Introduction to Sociology

Prerequisites: None
 Class Hours: 3 lecture

Analyzes major theoretical constructs involving human interactions, cultural origins, community organization, collective behavior, social change, institutional growth, and social movements. Applies to Associate Degree. Transfer credit: CSU; UC (SOC M01 and SOC M01H combined: maximum credit, one course.)

SOC M01H – 3 Units

Honors: Introduction to Sociology

Prerequisites: None
 Class Hours: 3 lecture

Honors work in sociology analyzes major theoretical constructs involving human interactions, cultural origins, community organizations, collective behavior, social change, institutional growth, and social movements. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU; UC (SOC M01 and SOC M01H combined: maximum credit, one course.)

SOC M02 – 3 Units

Social Problems

Prerequisites: None
 Class Hours: 3 lecture

Analyzes causes and consequences of social problems confronting contemporary U.S. society, including inter-group conflict, sexism, racism, ageism, sexual deviance, poverty, crime, delinquency, substance abuse, cults (religious, political, psychological), terrorism, health and environmental degradation by examining methodology, skills and resources applied to solving social problems. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

SOC M03 – 3 Units

Sociological Analysis

Prerequisites: SOC M01
 Class Hours: 3 lecture

Examines basic concepts supporting the scientific analysis of society and social institutions. Studies conceptualization, operationalization, hypothesis construction, sampling and sampling designs. Requires collection and analysis of field data. Applies to Associate Degree. Transfer credit: CSU; UC

SOC M04 – 3 Units**Intimacy, Relationships and Commitment**

Prerequisites: None
Class Hours: 3 lecture

Explores theoretical, historical, cross-cultural, sociological and personal perspectives of committed relationships, reviewing various perspectives on marriage and the family. Considers sex roles, socialization, sexuality, the single life, marriage, parenting, dual-career families; and conflict in relationships, separation, divorce, remarriage, and alternative choices. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. (Same course as PSY M20) Applies to Associate Degree. Transfer credit: CSU, UC

SOC M05 – 3 Units**Social Psychology**

Prerequisites: None
Class Hours: 3 lecture

Introduces social relationships, emphasizing interpersonal attraction; person perception; long-term relationships; prosocial behavior; attitude formation and changes; and the nature of prejudice, aggression, and conformity. (Same course as PSY M05). Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

SOC M06 – 3 Units**The Chicano in Contemporary Society**

Prerequisites: None
Class Hours: 3 lecture

Explores the socioeconomic and political problems confronting the Chicano, emphasizing proposed solutions, similarities with other groups and the effects of social institutions on ethnic communities. (Same course as CHST M01) Applies to Associate Degree. Transfer credit: CSU; UC

SOC M08 – 3 Units**Ethnic Relations**

Prerequisites: None
Class Hours: 3 lecture

Examines discrimination and inequality within our society – a society that values equality, freedom, and justice. Explores the diversity in American society, the nature of relationships between racial and ethnic groups, the experiences within each group, and reviews how racial and ethnic experiences vary. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC

SOC M09 – 3 Units**Introduction to Gerontology**

Prerequisites: None
Corequisite: None
Class Hours: 3 lecture

Introduces physical, psychological, sociological, and economic aspect of aging, applying theories to current issues and problems facing the older population. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 FOR 60 contact hours. (Same course as PSY M09) Applies to Associate Degree. Transfer credit: CSU; UC (PSY/SOC M09 and PSY M30 combined: maximum credit, one course)

SOC M10 – 3 Units**Kaleidoscope of Gender**

Prerequisites: None
Corequisite: None
Class Hours: 3 lecture

Investigates the diversity of men's and women's experiences in American society. Emphasizes the social and historical factors that shape relations between men and women. Explores feminine and masculine scholarship, American society's treatment of women compared to men, and examines the position of women and men in the family and in the community. Applies to Associate Degree. Transfer credit: CSU; UC

SOC M12 – 3 Units**Sociology of Religion in America**

Prerequisites: None
Class Hours: 3 lecture

Investigates the effects of religion on culture, and culture on religion, with a primary focus on American society and a secondary focus on international events. Explores the beliefs that are the foundation of culture and society, and provides an Introductory level analysis of three major religions, Christianity, Judaism, and Islam, that have affected national and international events in America. Includes a brief survey of other religions in America in the context of major social discussions. Applies to Associate Degree. Transfer credit: CSU; UC (under review)

SOC M15 – 3 Units**Introduction to Criminology**

Prerequisites: None
Class Hours: 3 lecture

Introduces the factors, concepts and theories, and characteristics associated with criminal behavior, crime, and victimology. Applies to Associate Degree. Transfer credit: CSU; UC (SOC M15 and SOC M16 combined: maximum credit, one course).

SOC M16 – 3 Units**Sociology of Deviant Behavior**

Prerequisites: None
Class Hours: 3 lecture

Examines the various perspectives, theories, and forms of sociological deviance, such as: alcohol and drug use, sexual, criminal, mental, religious, and suicidal. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SOC M16 and SOC M15 combined: maximum credit, one course).

SOC M17 – 3 Units**Sociology of Delinquency**

Prerequisites: None
Class Hours: 3 lecture

Introduces the sociological study of delinquency in society, focusing on definitions and forms of delinquency; measurement and theories and delinquency; roles of family, school, youth culture, violence, gangs, and drugs on delinquency; and correctional options for juvenile delinquents. Applies to Associate Degree. Transfer credit: CSU; UC (under review)

SOC M22A/B – 1 to 3 Units Independent Studies in Sociology

Prerequisites: A previous course in Sociology
Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of sociology through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

SOC M60A-Z – 0.5 to 3 Units Topics in Sociology

Prerequisites: To be determined
Class Hours: To be determined

Each course deals with a specific topic not covered in general offerings. When offered, each course is announced in the Schedule of Classes. Transfer credit: determined by transfer institution.

SOC M60A – 3 Units Sociological Field Methods

Prerequisites: Completion or concurrent enrollment in SOC M01 or SOC M02
Class Hours: 1 lecture, 6 lab

Expands knowledge of sociological theory through classroom and onsite involvement within governmental and/or social agencies. Transfer credit: CSU

SOC M60B – 3 Units Organized Crime and Terrorism

Prerequisites: None
Recommended Prep: SOC M15
Class Hours: 3 lecture

Analyzes the cultural and historical bases of organized crime and terrorism. Discussed are the social and theoretical background of the phenomena, the roles of culture and religion, and examples of organized criminal and terrorist activities. The social, legal, military, and criminal justice options in dealing with organized crime and terrorism are reviewed. Applies to Associate Degree. Transfer credit: CSU; UC (under review)

SOC M80 – 1 to 4 Units Internship in Sociology

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.
Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

SOC M95 – 3 Units Honors in Sociology: Social Inequality - Privilege and Poverty

Prerequisites: One college-level course in Sociology with a grade of B or better.
Class Hours: 3 lecture

Investigates the unequal distribution of wealth, power, and prestige in societies. Compares and contrasts various types of stratification systems (caste, estate, and class) throughout the world, focusing on meaning, causes and consequences of social inequality in America. Examines who gets what and why in society. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU; UC

Spanish Career Opportunities

Civil Service, Consulting, Customs, Diplomacy, Education, Health Services, Immigration/Naturalization, Imports/Exports, Intelligence, Law Enforcement, Journalism/Broadcasting, Manufacturing, Linguistics, Sales, Social Work, Translation/Interpretation, and Travel Services.

Dean

Inajane Nicklas, Phone (805) 378-1443

Full-time Faculty

Grace Bodhaine, Raquel Antonia Olivera, Helga Winkler

Counselors

Anitra Evans, Ofelia Romero-Motlagh

Degree in Spanish

To earn an Associate in Arts Degree with a major in Spanish, students complete 18-19 specified units, plus General Education Degree Requirements (minimum total = 60 units).

In addition to General Education Degree Requirements, complete one of the following Required Course Options.

Required Course Options:

Option 1: Elementary Level

*SPAN M02Elementary Spanish I 5.0

SPAN M03Intermediate Spanish I 5.0

SPAN M04Intermediate Spanish II 5.0

Plus 1 course from Group A (3 units)

*SPAN M06 Spanish for Spanish Speakers II 5.0

May be substituted for SPAN M02.

Option 2: Intermediate Level

SPAN M03Intermediate Spanish I 5.0

SPAN M04Intermediate Spanish II 5.0

Plus 1 course from Group A (3 units) and a minimum of additional 6 units from Group A or B.

Option 3: Advanced Level

SPAN M04Intermediate Spanish II 5.0

Plus 1 course from Group A (3 units) and a minimum of additional 10 units from Group A or B.

Note 1: No credit will be given toward the AA degree for SPAN M01.

Note 2: One Spanish course (M02-M04) may be taken by Credit by Exam.

Required additional courses:

Choose one course from Group A. Select any additional course or courses from Group A and/or Group B.

Group A (Culture)		
CHST M01	The Chicano in Contemporary Society	3.0
CHST M02	Chicano Culture	3.0
CHST M03	Chicana Issues/La Mujer	3.0
CHST M04	History of Mexican Americans in the United States	3.0
CHST M08	Political Patterns in the United States	3.0
ENGL M30	Masterpieces of World Literature I	3.0
ENGL M31	Masterpieces of World Literature II	3.0
ENGL M45	Latino/a Literature	3.0
GEOG M03	World Regional Geography	3.0
OR		
GEOG M03H	Honors: World Regional Geography	3.0
HIST M04	History of Mexican Americans in the U.S.	3.0
HIST M09	Latin American History	3.0
HIST M14	Ethnicity and Gender	3.0
FILM M32	Contemporary World Film	3.0
MUS M04	Survey of World Music	3.0
OR		
MUS M04H	Honors: Survey of World Music	3.0
SOC M08	Ethnic Relations	3.0
SPAN M12	Spanish Civilization	3.0
Group B (LANGUAGE)		
FREN M01	Elementary French I	4.0
FREN M02	Elementary French II	4.0
FREN M03	Intermediate French I	4.0
FREN M04	Intermediate French II	4.0
GERM M01	Elementary German I	4.0
GERM M02	Elementary German II	4.0
GERM M03	Intermediate German I	4.0
GERM M04	Intermediate German II	4.0
HEB M01	Elementary Hebrew I	4.0
HEB M02	Elementary Hebrew II	4.0
ITAL M01	Elementary Italian I	4.0
ITAL M02	Elementary Italian II	4.0
ITAL M03	Intermediate Italian I	4.0
JAPN M01	Elementary Japanese I	4.0
JAPN M02	Elementary Japanese II	4.0
JAPN M03	Intermediate Japanese I	4.0
SL M01	American Sign Language I	3.0
SL M02	American Sign Language 2	3.0
SPAN M02	Elementary Spanish I	5.0
SPAN M03	Intermediate Spanish I	5.0
OR		
SPAN M03H	Honors: Intermediate Spanish I	5.0
SPAN M04	Intermediate Spanish II	5.0
OR		
SPAN M04H	Honors: Intermediate Spanish II	5.0
SPAN M14	Spanish for Health Care Professionals	3.0
SPAN M32	Spanish for Public Employees	3.0
SPAN M41	Intermediate Conversational Spanish	3.0
SPAN M95	Honors: Reading in Hispanic Lit.	3.0

Students planning to transfer need to consult with a counselor, prepare a Student Education Plan, and take advantage of the support services available in the Career Transfer Center located in the Administration Building (805) 378-1536.

Spanish Courses

SPAN M01 – 5 Units Elementary Spanish I

Prerequisites: None

Class Hours: 5 lecture, 1 lab as arranged

Introduces Spanish language, culture, history and people, emphasizing speaking, listening, reading and writing skills. Requires individualized work in the lab each week. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M01 or SPAN M01A/B and SPAN M05 combined: maximum credit, 4 units)

SPAN M01A – 3 Units Elementary Spanish

Prerequisites: None

Class Hours: 3 lecture, 0.5 lab as arranged

SPAN M01A covers first three fifths of SPAN M01. Introduces Spanish language and culture, emphasizing skills and knowledge necessary for speaking and writing Spanish and to the unique nature of the people and their history. Requires individualized work in the lab each week. Cannot receive credit for SPAN M01A/B sequence and SPAN M01. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M01 or SPAN M01A/B and SPAN M05 combined: maximum credit, 4 units). Both SPAN M01A and M01B must be taken for credit to be given.

SPAN M01B – 2 Units Elementary Spanish

Prerequisites: SPAN M01A or one year of high school Spanish

Class Hours: 2 lecture, 0.5 lab as arranged

SPAN M01B covers the second two fifths of SPAN M01. Introduces Spanish language and culture, emphasizing skills and knowledge necessary for speaking, reading and writing and to the unique nature of the people and their history. Requires individualized work in the lab each week. Cannot receive credit for SPAN M01A/B sequence and SPAN M01. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M01 or SPAN M01A/B and SPAN M05 combined: maximum credit, 4 units). Both SPAN M01A and M01B must be taken for credit to be given.

SPAN M02 – 5 Units Elementary Spanish II

Prerequisites: SPAN M01 or two years of high school Spanish (C or better)

Class Hours: 5 lecture, 1 lab as arranged

Further explores Spanish language and culture, emphasizing people and history as well as speaking, reading and writing proficiency. Requires individualized work in the lab each week. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M02 and SPAN M06 combined: maximum credit, one course)

SPAN M03 – 5 Units **Intermediate Spanish I**

Prerequisites: SPAN M02 or three years of high school Spanish
Class Hours: 5 lecture, 1 lab as arranged

Offers intensive review of basic grammar, including extension and refinement of fundamentals and increased proficiency in reading, writing, and speaking skills. Focuses on culture through study of selected literature and contemporary society. Requires individualized work in the lab each week. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M03 and SPAN M03H combined: maximum credit, one course)

SPAN M03H – 5 Units **Honors: Intermediate Spanish I**

Prerequisites: SPAN M02 or three years of high school Spanish with a grade of B or better
Class Hours: 5 lecture, 1 lab as arranged

Provides honors work in Spanish literature. Offers intensive review of basic grammar, including extension and refinement of fundamentals and increased proficiency in reading, writing, and speaking skills. Focuses on culture through study of selected literature and contemporary society. Requires individualized work in the lab each week. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M03 and SPAN M03H combined: maximum credit, one course)

SPAN M04 – 5 Units **Intermediate Spanish II**

Prerequisites: SPAN M03 or four years of high school Spanish
Class Hours: 5 lecture, 1 lab as arranged

Expands review of basic grammar, including extension and refinement of fundamentals and increased proficiency in reading, writing, and speaking skills. Focuses on culture through study of selected literature and contemporary society. Requires individualized work in the lab each week. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M04 and SPAN M04H combined: maximum credit, one course)

SPAN M04H – 5 Units **Honors: Intermediate Spanish II**

Prerequisites: SPAN M03 or four years of high school Spanish with a grade of B or better
Class Hours: 5 lecture, 1 lab as arranged

Provides honors work in Spanish literature. Offers intensive review of basic grammar, including extension and refinement of fundamentals and increased proficiency in reading, writing, and speaking skills. Focuses on culture through study of selected literature and contemporary society. Requires individualized work in the lab each week. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M04H and SPAN M04 combined: maximum credit, one course)

SPAN M05 – 4 Units **Spanish for Spanish Speakers I**

Prerequisites: None
Class Hours: 4 lecture, 1 lab as arranged

Recommended Prep: Native ability to use Spanish in everyday conversation. Reviews basic grammatical concepts as well as linguistic and cultural matters of interest for native speakers of Spanish. Enriches expression and comprehension. Explores standard vs. vernacular usage, cross-language interference, and awareness of Spanish-speaking cultures. Requires individualized work in the lab each week. SPAN M05 parallels SPAN M01 for native speakers. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 60 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M05 and SPAN M01 or SPAN M01A/B combined: maximum credit, 4 units)

SPAN M06 – 4 Units **Spanish for Spanish Speakers II**

Prerequisites: None
Class Hours: 4 lecture, 1 lab as arranged

Recommended Prep: Native ability to use Spanish in everyday conversation. Reviews grammatical constructs of Spanish, emphasizing linguistic and cultural concerns. Reinforces oral and written expression and comprehension, reviewing standard vs. vernacular usage, cross-language interference, and cultural awareness of the Spanish-speaking world through study of literature. Requires individualized work in the lab each week. SPAN M06 parallels SPAN M02 for native speakers. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 60 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M06 and SPAN M02 combined: maximum credit, one course)

SPAN M12 – 3 Units **Spanish Civilization**

Prerequisites: None
Class Hours: 3 lecture

Introduces history, culture, and civilization of Spain through a review of major events and landmarks. Emphasizes 20th century Spanish politics, culture, and society, focusing on contemporary developments reflected in literature, art, film, and music. (Same course as HUM M12) Applies to Associate Degree. Transfer credit: CSU; UC

SPAN M14 – 3 Units **Spanish for Health Care Professionals**

Prerequisites: None
Recommended Prep: SPAN M01
Class Hours: 3 lecture

Provides those in the health sciences with entry-level communication skills needed to provide care for Spanish-speaking clients. Provides practice of conversational skills based on different themes related to providing health care. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 45 contact hours. (Same course as HS M14) Applies to Associate Degree.

SPAN M22A/B – 1 to 3 Units Independent Studies in Spanish

Prerequisites: A previous course in Spanish
Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of Spanish through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

SPAN M31A – 3 Units Beginning Practical Spanish I

Prerequisites: None
Class Hours: 3 lecture

Provides basic understanding and use of Spanish in practical situations, emphasizing elementary grammar and principles of usage for non-native speakers. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. May be taken for a total of two (2) times for credit. Applies to Associate Degree.

SPAN M31B – 3 Units Beginning Practical Spanish II

Prerequisites: SPAN M31A
Class Hours: 3 lecture

Expands Introduction and use of Spanish for non-native speakers, emphasizing intermediate grammar and principles of usage. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. May be taken for a total of two (2) times for credit. Applies to Associate Degree.

SPAN M31C – 3 Units Beginning Practical Spanish III

Prerequisites: SPAN M31B
Class Hours: 3 lecture

Develops oral skills in Spanish to the advanced level for non-native speakers. Includes study of grammar and usage. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree.

SPAN M32 – 3 Units Spanish for Public Employees

Prerequisites: None
Class Hours: 3 lecture

Introduces basic communication skills for public employees functioning in bilingual situations. Emphasizes practical and instructional vocabulary. Adaptable to needs of student's job demands. Applies to Associate Degree.

SPAN M41 – 3 Units Intermediate Conversational Spanish

Prerequisites: SPAN M02
Class Hours: 3 lecture

Develops oral skills while reviewing grammar and building vocabulary for intermediate non-native speakers. Discusses a variety of topics in Spanish. May be taken concurrently with SPAN M03 or SPAN M04. Applies to Associate Degree. Transfer credit: CSU; UC

SPAN M80 – 1 to 4 Units Internship in Spanish

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20) Applies to Associate Degree. Transfer credit: CSU

SPAN M95 – 3 Units Honors in Spanish: Readings in Hispanic Literature

Prerequisites: SPAN M02 (grade B or better) or two years of high school Spanish (grade B or better)

Class Hours: 3 lecture

Recommended: Completion of SPAN M03 (grade B or better) or three years of high school Spanish (grade B or better) Introduces modern Hispanic/Spanish and Latin American literary texts and their historical, cultural, and theoretical contexts. Emphasizes critical reading and oral and written analysis of the literary works. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Course taught in Spanish. Applies to Associate Degree. Transfer credit: CSU, UC

Speech

See Communication Studies

Study Skills

See Courses in College Strategies, Counseling, Essential Skills, and Learning Skills. Visit The Learning Center (TLC) in the Library

Television

See Courses in Radio/Television

Theatre Arts

Theatre Arts is a complex discipline that offers theoretical training and hands-on experience for students interested in careers in acting, directing, play writing, as well as lighting, set, sound, costume and makeup design. The study of Theatre Arts encourages all students to enrich their appreciation of varying forms of art and enhances their abilities in communication, critical analysis and self-expression.

Dean

Patricia Ewins, Phone (805) 378-1408

Full-time Faculty

John Loprieno, Katherine Lewis

Counselor

Denice Avila

Degree and Certificate of Achievement Options in Theatre Arts

Associate Degree in Acting

Certificate of Achievement in Acting (more than 18 units)

To earn a Certificate of Achievement and/or an Associate in Arts Degree with a major in Acting, students complete 33 specified units; those seeking the degree also complete General Education Degree Requirements.

Required Courses.....	Units
THA M01.....Introduction to the Theatre.....	3.0
THA M02A.....Beginning Acting.....	3.5
THA M02B.....Intermediate Acting.....	3.5
THA M02C.....Advanced Acting I.....	3.5
THA M03.....Voice and Diction.....	3.0
THA M04.....History of the Theatre.....	3.0
THA M10.....Production and Performance.....	3.0
THA M18.....Auditioning Techniques.....	1.5
THA M20.....Stagecrafts.....	3.0
THA M24A.....Theatrical Costume and Makeup I.....	3.0
THA M02D.....Advanced Acting II.....	3.5
OR	
THA M09.....Acting for Film and TV.....	3.0
THA M14.....Improvisational Comedy.....	1.5
OR	
THA M17.....Free Dance/Improvisation I.....	1.5
TOTAL.....	34.5 or 35.0

See General Education Degree Requirements and Transfer Information.

Associate Degree in Directing

Certificate of Achievement in Directing (more than 18 units)

To earn a Certificate of Achievement and/or an Associate in Arts Degree with a major in Directing, students complete 33 specified units; those seeking the degree also complete General Education Degree Requirements.

Required Courses.....	Units
THA M01.....Introduction to the Theatre.....	3.0
THA M02A.....Beginning Acting.....	3.0
THA M04.....History of the Theatre.....	3.0
THA M10.....Production and Performance (taken twice).....	3.0/3.0
THA M15A.....Beginning Stage Direction.....	3.0
THA M15B.....Intermediate Stage Direction.....	3.0
THA M20.....Stagecrafts.....	3.0
THA M21A.....Playwriting.....	3.0
THA M23A.....Lighting Design I.....	3.0
THA M25A.....Scenic Design I.....	3.0
TOTAL.....	33.0

See General Education Degree Requirements and Transfer Information.

Associate Degree in Technical Theatre

Certificate of Achievement in Technical Theatre (more than 18 units)

To earn a Certificate of Achievement and/or an Associate in Arts Degree with a major in Technical Theatre, students complete 33 specified units; those seeking the degree also complete General Education Degree Requirements.

Required Courses.....	Units
THA M01.....Introduction to the Theatre.....	3.0
THA M04.....History of the Theatre.....	3.0
THA M07A.....Audio Production.....	3.0
THA M11.....Theatre Production: Technical (2 x).....	3.0/3.0
THA M20.....Stagecrafts.....	3.0
THA M23A.....Lighting Design I.....	3.0
THA M24A.....Theatrical Costume and Makeup I.....	3.0
THA M25A.....Scenic Design I.....	3.0
Any two of the following for 6.0 units:	
THA M23B.....Lighting Design.....	3.0
THA M24B.....Theatrical Costume and Makeup II.....	3.0
THA M25B.....Scenic Design II.....	3.0
THA M26.....Scene Painting/Rendering.....	3.0
Total.....	33.0

See General Education Degree Requirements and Transfer Information.

Theatre Arts Courses

THA M01 – 3 Units

Introduction to the Theatre

Prerequisites: None
Class Hours: 3 lecture

Introduces theatre as an art form, emphasizing appreciation of its historical roots and its cultural significance. Develops critical thinking and writing skills pertinent to the analysis of dramatic performances. Applies to Associate Degree. Transfer credit: CSU; UC

THA M02A – 3.5 Units

Beginning Acting

Prerequisites: None
Class Hours: 2 lecture, 4.5 lab

Introduces the art of acting, emphasizing exercises that develop individual insight, technique and concentration. Focuses on improvisation; includes scene work. Applies to Associate Degree. Transfer credit: CSU; UC

THA M02B – 3.5 Units

Intermediate Acting

Prerequisites: THA M02A or equivalent level of skill
Class Hours: 2 lecture, 4.5 lab

Emphasizes skills development in characterization through exercises in pantomime and improvisation. Includes classical material, performance of scenes in various styles and genres, and work with vocal projection and stage movement. Applies to Associate Degree. Transfer credit: CSU; UC

THA M02C – 3.5 Units

Advanced Acting I

Prerequisites: THA M02B or equivalent level of skill
Class Hours: 2 lecture, 4.5 lab

Introduces advanced acting techniques, characterization, refining timing, sense memory, movement and vocal styles, and classical material. Requires performance in a variety of scenes from plays of various styles and genres. Applies to Associate Degree. Transfer credit: CSU; UC

THA M02D – 3.5 Units

Advanced Acting II

Prerequisites: THA M02C or equivalent level of skill
Class Hours: 2 lecture, 4.5 lab

Further studies of characterization, emphasizing timing, vocal styles, movement and sense memory. Emphasizes scene study, including performance of classical material, and a variety of scenes from plays of contrasting styles and genres. Applies to Associate Degree. Transfer credit: CSU; UC

THA M03 – 3 Units

Voice and Diction

Prerequisites: None
Class Hours: 3 lecture

Introduces theory and practice of voice control, emphasizing correct pronunciation, breathing control techniques, and regional and foreign dialects. Especially useful for those in theatre, forensics and broadcasting. May be taken for a total of two (2) times for credit. (Same course as RT M08 and COMM M03) Applies to Associate Degree. Transfer credit: CSU; UC

THA M04 – 3 Units **History of the Theatre**

Prerequisites: None
Class Hours: 3 lecture

Traces the development of the Theatre from its earliest inception to the present. Course will focus on the major works and playwrights in historical theatrical movements from classical Greek and Roman theatre through the twentieth century. Coursework will also examine the social context of specific dramatic movements and the influences of theatre on society. Applies to Associate Degree. Transfer credit: CSU; UC

THA M07A – 3 Units **Audio Production**

Prerequisites: None
Class Hours: 2 lecture, 3 lab

Provides a basic knowledge of audio equipment used in typical radio, television, multi-media and dramatic productions, including: audio consoles, various digital audio recording equipment and digital audio workstations. Develops skills in announcing, basic writing, disc jockeying, program production and direction, commercial production, interviewing techniques, station operations and live and recorded audio productions for new media and theater. (Same course as RT M07A) Applies to Associate Degree. Transfer credit: CSU

THA M09 – 3 Units **Acting for Film and TV**

Prerequisites: None
Class Hours: 2 lecture, 3 lab

Introduces techniques pertinent to film and television acting, including blocking, movement, rapid line learning, and use of microphones. Includes performance in student-directed films and television shows. May be taken for a total of four (4) times for credit. (Same course as RT M09) Applies to Associate Degree. Transfer credit: CSU; UC

THA M10 – 3 Units **Production and Performance**

Prerequisites: None
Class Hours: 9 lab

Provides credit for range of supervised activities relative to Moorpark College Theatre Arts productions. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

THA M11 – 3 Units **Theatre Production: Technical**

Prerequisites: None
Class Hours: 9 lab

Provides supervised technical theatre assignments in support of a college production staged for public performance. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

THA M14 – 1.5 Units **Improvational Comedy**

Prerequisites: None
Recommended Prep: THA M02B
Class Hours: 0.5 lecture, 3 lab

Provides instruction in improvational and ensemble acting skills as well as the development of solo and group comedic material from improvisation. The course will culminate with a public performance of the material developed in class. Required field trips. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU

THA M15A – 3 Units **Beginning Stage Direction**

Prerequisites: THA M01 or THA M02A or THA M20
Class Hours: 2 lecture, 3 lab

Introduces art and craft of stage direction, including historical review. Includes practical experience directing scenes by major playwrights. Often coordinates activities with THA M02B/C/D. Applies to Associate Degree. Transfer credit: CSU; UC

THA M15B – 3 Units **Intermediate Stage Direction**

Prerequisites: THA M15A
Class Hours: 2 lecture, 3 lab

Continues the study of the art and craft of stage direction, including practical experience through directing one act plays, comedy sketches and/or monologues for a live audience. Applies to Associate Degree. Transfer credit: CSU; UC

THA M16 – 3 Units **Readers' Theatre**

Prerequisites: None
Class Hours: 3 lecture

A unique blend of speech and acting. Studies the principles of interpretation of literature from all the major genres (prose, poetry, drama) as well as the techniques of performance. In groups, students will create, stage, and perform a reader's theatre incorporating each of the major genres of literature. (Same course as COMM M16) Applies to Associate Degree. Transfer credit: CSU; UC

THA M17 – 1.5 Units **Free Dance/Improvisation I**

Prerequisites: None
Recommended Prep: Concurrent enrollment in a modern dance course
Class Hours: 1 lecture, 2 lab

Encourages joy of movement, allowing unique and creative expressions in dance. May be taken for a total of four (4) times for credit. (Same course as DANC M20A) Applies to Associate Degree. Transfer credit: CSU; UC

THA M18 – 1.5 Units **Auditioning Techniques**

Prerequisites: None
Recommended Prep: THA M02A or THA M09/RT M09
Class Hours: 0.5 lecture, 3 lab

Provides training in various forms of audition for theatre, film, television and television commercials. Exercises in cold reading, and exercises that feature the improvised dramatization of interview situations will be emphasized. Includes instruction in the business aspects of being a working actor: preparing a resume, creating self promotional materials, seeking an agent, interviewing with industry professionals and interacting with other actors in audition situations. Requires field trips. May be taken for a total of two (2) times for credit. (Same course as RT M18) Applies to Associate Degree. Transfer credit: CSU

THA M20 – 3 Units **Stagecrafts**

Prerequisites: None
Class Hours: 2 lecture, 3 lab

Introduces theory and practice of set construction, emphasizing lighting and audio operations, painting, costuming, makeup, and special effects. Provides hands-on practice in all areas of performing arts production. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC

THA M21A – 3 Units**Playwriting**

Prerequisites: None

Class Hours: 3 lecture

Instructs students in the basic components of constructing a play. Focus will be on creating characters, exploration of theme, structuring plot and writing believable dialogue through the creation of dramatic monologues, scenes and an one act play. Applies to Associate Degree. Transfer credit: CSU; UC

THA M21B – 3 Units**Advanced Playwriting**

Prerequisites: THA M21A

Recommended Prep: THA M02A, THA M15A, and ENGL M01A or ENGL M01AH

Class Hours: 3 lecture

Instructs students in the advanced components of constructing a play. Focus will be on advanced character creation, in-depth exploration of theme, structuring plot and writing complex dialogue through the creation of dramatic monologues, scenes and a full-length play. Students will also explore and create dramatic material as it pertains to style and period. Applies to Associate Degree. Transfer credit: CSU; UC

THA M22A/B – 1 to 3 Units**Independent Studies in Theatre**

Prerequisites: A previous course in Theatre Arts

Class Hours: 1 to 3 as arranged

Allows an independent project (approved by instructor and dean) to expand knowledge of theatre arts through research, lab work or field trips. Includes one-on-one work with instructor. May be taken for a maximum of six (6) units. Applies to Associate Degree. Transfer credit: CSU; UC (determined after admission)

THA M23A – 3 Units**Lighting Design I**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces the study of composition, control and instrumentation in theatrical lighting as well as the aesthetics of color, distribution, intensity and movement of light to create mood, time, location, and visibility. Emphasizes hanging, focusing and identifying stage lighting equipment as well as understanding the principles that underlie their design. Includes the basics of electricity. Provides hands-on experience through work on actual productions. Applies to Associate Degree. Transfer credit: CSU; UC

THA M23B – 3 Units**Lighting Design II**

Prerequisites: THA M23A

Class Hours: 2 lecture, 3 lab

Focuses on the design aspect of stage lighting, developing a complete light plot and working schedule for a full-length play. Emphasizes projections and special effects. Includes practical application of computer software for lighting design and light plots. Provides hands-on experience through work on actual productions. Requires field trips. Applies to Associate Degree. Transfer credit: CSU; UC

THA M24A – 3 Units**Theatrical Costume and Makeup I**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces the design of period costume, including research on historical dress (appearance, construction, fabric) and application of this research, through analysis, to a particular play. Also Introduces the design and application of theatrical makeup. Applies to Associate Degree. Transfer credit: CSU; UC

THA M24B – 3 Units**Theatrical Costume and Makeup II**

Prerequisites: THA M24A

Class Hours: 2 lecture, 3 lab

Advanced hands-on training in costume design and construction, prosthetics, three dimensional makeup and mask construction. Applies to Associate Degree. Transfer credit: CSU; UC

THA M25A – 3 Units**Scenic Design I**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces stage scenery as an interpretive and collaborative art. Develops floor plans and drawing techniques, builds models, reviews drafting conventions, and executes painting and rendering techniques that are unique in designing for the stage. Provides hands-on experience through work on actual productions. Applies to Associate Degree. Transfer credit: CSU; UC

THA M25B – 3 Units**Scenic Design II**

Prerequisites: THA M25A

Class Hours: 2 lecture, 3 lab

Explores advanced elements of scenic design, emphasizing creative and investigative work. Provides practical applications ranging from simplified drawings/paintings to more sophisticated concepts to demonstrate an understanding of design principles. Provides opportunity to design elements for actual productions. Introduces 3-D scenic studio programs, such as Virus Walk Through Pro. Applies to Associate Degree. Transfer credit: CSU; UC

THA M26 – 3 Units**Scene Painting/Rendering**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces special painting techniques to transform scenery in an acting space into an appropriate and visually pleasing dramatic environment. Requires field trips. Applies to Associate Degree. Transfer credit: CSU; UC

THA M50 – 3 Units**Performing Arts Management**

Prerequisites: None

Class Hours: 2 lecture, 3 lab

Introduces the marketing, promotion and sales of theatrical, music, dance and all other performance events. Studies the theories and practices of selecting a subscription season, creating marketing materials, operating the box office and interfacing with the public in the "front of the house." The practical lab component requires participation in various management and services activities throughout a Performing Arts Center. (Same as DANC M50 and MUS M50) Applies to Associate Degree. Transfer credit: CSU

THA M52 – 3 Units**Children's Theatre**

Prerequisites: None

Recommended Prep: DANC M20A or THA M17

Class Hours: 2 lecture, 4 lab

Offers practical experience in the rehearsal and performance of a children's theatre production. Includes both dramatic and movement-based components. May be taken for a total of four (4) times for credit. (Same course as DANC M52) Applies to Associate Degree. Transfer credit: CSU

THA M80 – 1 to 4 Units**Internship in Theatre Arts**

Prerequisites: Completion of or concurrent enrollment in one course in the discipline.

Class Hours: 3 to 33 work experience hours as arranged

Provides on-the-job learning to enhance coursework under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Some meetings and workshops may be required as part of the course. To take this course, contact the Career Transfer Center, (805) 378-1536. May be taken for a total of four (4) times for credit. (Same course as WEXP M20.) Applies to Associate Degree. Transfer credit: CSU

Work Experience & Internships

The Moorpark College Career Transfer Center coordinates the Work Experience and Internship Program, offering students two basic routes for receiving credit for on-the-job learning: General and Occupational Work Experience. These opportunities are provided in compliance with Title V Cooperative Work Experience Education regulations to ensure an effective learning experience for the students involved. The Center helps connect students to work experience opportunities made available through local business and industry, but students can also turn an existing job into a part of the program, if the work experience involves new or expanded learning. Contact the Career Transfer Center with any questions or to apply: (805) 378-1536.

Dean

Patricia Ewins, Phone (805) 378-1408

Counselors

Danita Redd, Judi Gould

Basic Definitions and Guidelines

General Work Experience provides on-the-job learning that develops effective work habits, attitudes, and behaviors that are applicable in most work environments. This emphasis builds on core competencies needed for career success and advancement that were initially identified in the Secretary's Commission on Acquiring Necessary Skills (SCANS) for the workplace and encourages the exploration of establishing an effective career/educational goal. Students sign-up for WEXP M10 to receive credit for their work, earning up to 6 units, with a 3-unit maximum enrollment per semester*.

Occupational Work Experience connects actual classroom learning to targeted work experience opportunities in a field related to a student's stated educational major or career goal. Typically, students would sign-up for WEXP M20 to receive credit for this occupational work experience. Some programs (Child Development, EATM, Multimedia, for examples) have developed specialized relationships with area businesses, so coordinate Internships under the M80 course designation. These internships are closely related to the completion of department-specified course work and are advised by a faculty member in the discipline. With either option, the student's work experience is matched to identified interests and training needs. In total, students can earn up to a total of 16 units, with a 4-unit maximum per semester*.

Requirements: The type of on-the-job learning being pursued (general, occupational, internship) determines how many total units can be earned in any given semester. Students must complete 60 hours of unpaid work or 75 hours of paid work for every unit earned. Students are matched to appropriate jobs and faculty supervisors through the Career Transfer Center. In total, students can earn up to a total of 16 units, with a 4-unit maximum per semester*.

*An Exception for One Semester: Over the summer (or over any one semester), students can earn more than the maximum units of work experience typically allowed any given semester. This exception requires that the student has completed at least seven units of college credit, is enrolled for the next semester of classes, and is taking no more than one class in addition to the work experience course during the current semester. If those special requirements are met, a student can earn a maximum of 6 units of general work experience or 8 units of occupational work experience in one semester. The same hours of unpaid vs. paid work is required to earn a unit.

Support Courses: The primary goal of the Work Experience and Internship Program is to maximize on-the-job learning for participating students. However, to truly be effective in a chosen field, students also need to develop techniques and skills that will help them search for jobs most effectively and to get the jobs they seek. To address these ongoing needs, several short, half-unit courses have been developed focusing on career trends, resume writing, and interviewing strategies.

Work Experience Courses**WEXP M10 – 1 to 6 Units****General Work Experience**

Prerequisites: None

Class Hours: 3-25, Other

Provides on-the-job learning to develop effective work habits, attitudes, and career awareness in paid or unpaid jobs that need not be related to student's major or career goals. Both workplace supervisor and faculty advisor provide feedback and/or written evaluations. Requires orientation session, consultations with faculty supervisor, learning objectives that demonstrate new or expanded learning, and term paper or project. TITLE V Regulations: 1) Under the Parallel Plan the student must be taking a minimum of 7 units, which can include the work experience units, and can enroll in 1-3 units per semester; 2) Under the Alternate Plan the student must enroll in no more than one other course and can enroll in up to 6 units for one semester; and 3) The student can earn a maximum of 6 units of General Work Experience. Offered on a pass/no-pass basis only. May be taken for a total of four (4) times for credit or until a total of 16-work experience units are earned. Applies to Associate Degree. Transfer credit: CSU

WEXP M20 – 1 to 8 Units**Occupational Work Experience (Internship)**

Prerequisites: None

Class Hours: 3 - 33 as arranged

Provides on-the-job learning related to a career interest or major, under the direct supervision of faculty and industry supervisors. Both supervisors provide feedback and written evaluations. Requires attending an orientation, developing three evaluated learning objectives, writing a summary report, and maintaining signed verification of worked hours. Also requires meeting at least twice with faculty advisor, who visits the work site, supervises the occupational work experience, and awards a grade. Requires 60 hours unpaid work or 75 hours paid work for each unit earned. May be taken a for a total of four (4) times, not to exceed 16 units in combination with any other work experience/internship courses. (Same course as each disciplines M80.) Applies to Associate Degree. Transfer credit CSU, credit limitations. To take this course, contact the Career Transfer Center: Call (805) 378-1536.

WEXP M30 – 0.5 to 4 Units**Service Learning**

Prerequisites: None

Class Hours: 1.5 to 16 Other

Connects classroom and/or subject content with community service in a hands-on independent project. The individualized service-learning project will be designed to support coursework in a student's field of interest. The student will attend periodic planning and reflection sessions with others doing service-learning projects; complete a reflections journal on the project; and be provided with written evaluations by the instructor and community organization supervisor. Offered on a pass/no-pass basis only. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU

WEXP M31 – 0.5 Unit**Job and Career Readiness**

Prerequisites: None

Class Hours: 0.5 lecture

Provides understanding of how to prepare for employment in order to achieve personal job or career goals, such as prioritizing goals, identifying key attributes that employers prize, developing an approach appropriate to goals, and self-management techniques that include building self-confidence, staying motivated, and managing stress. Will develop a professional action plan – a personalized, step-by-step employment preparation strategy. (Formerly WEXP M16) Applies to Associate Degree. Transfer credit: CSU

WEXP M32 – 0.5 Unit**Work and Career Trends**

Prerequisites: None

Class Hours: 0.5 lecture

Jobs and careers are changing daily, as new technologies, globalization, and the information economy change how and where we work. This seminar will look at these and other trends and forces, and determine what jobs and job skills are likely to be important in the future. Discussion of what skills to upgrade and learn. Also reviews labor data that anticipates the greatest job growth areas in the next few years. (Formerly WEXP M14) Applies to Associate Degree. Transfer credit: CSU

WEXP M33 – 0.5 Unit**Job Search Electronically**

Prerequisites: None

Class Hours: 0.5 lecture

Increasingly, companies are posting job openings and looking for employees online. Explore contemporary job searching techniques, including discovering the most effective job listing sites, how to narrow your search, how to research companies, where to post your resume, and how to submit your application and resume online. (Formerly WEXP M13) Applies to Associate Degree. Transfer credit: CSU

WEXP M34 – 0.5 Unit**Professional Resumes**

Prerequisites: None

Class Hours: 0.5 lecture

Provides resume and cover letter writing information and practice in specific and/or general career areas according to contemporary trends in hiring. Includes functional, chronological, and combination resume styles and resumes for electronic format. Student will develop and write personal resumes and cover letters using different formats. (Formerly WEXP M12) Applies to Associate Degree. Transfer credit: CSU

WEXP M35 – 0.5 Unit**Effective Interviews**

Prerequisites: None

Class Hours: 0.5 lecture

Provides job interviewing information and practice in specific and/or general career areas. Includes current interviewing styles, sample questions, legal parameters, and appropriate dress, demeanor, and response. (Formerly WEXP M11) Applies to Associate Degree. Transfer credit: CSU

WEXP M36 – 0.5 Unit**Strategies for Career Success**

Prerequisites: None

Class Hours: 0.5 lecture

Provides information on how to prepare for and achieve employment success, including understanding workplace culture and expectations, understanding and practicing workplace ethics, responding well to critical feedback, managing stress and conflict, and working within a team environment. (Formerly WEXP M15) Applies to Associate Degree. Transfer credit: CSU

Zoology

See Courses in Biological Sciences