

# MUSIC

BEFORE ENROLLING IN DEGREE APPLICABLE COURSES, IT IS RECOMMENDED THAT YOU COMPLETE ENGL 001A AND READ 053.

## MUSIC (MUSIC)

**DIVISION:** Cultural And Technical Arts  
**DEPARTMENT:** Music  
**DEPT CHAIR:** Joseph Ordaz 408-855-5276  
**FACULTY:** Phil Hawkins 408-855-5285  
 Keith Johnson 408-855-5277  
**COUNSELING:** 408-855-5030

The Mission College Music Department is structured around a traditional musical foundation augmented by computer assisted tutorial, composition and performance classes.

Specific areas of focus are piano, percussion, guitar, or vocal performance and Electronic Music. The Music Department along with the Fine Arts and Graphic Design Departments have most recently been certified as being the South Bay Regional Center for the California Multimedia Entertainment Initiative which is designed to prepare quality students for Silicon Valley's booming Multimedia Industry. The experienced instructors create an environment that both fulfills General Education Requirements and offers students exemplary preparation for the rigors of transfer into both university and vocational level programs.

### Student Learning Outcomes:

Upon completion of the program, students will demonstrate:

- Basic proficiency in reading and writing of music notation and applying them to a specific musical instrument (i.e. piano, guitar, voice).
- Ability to identify elements of many types and styles of music, including historical periods, composers, performers, stylistic traits, cultural influences, and performance practices.
- Ability to perform in a musical ensemble (i.e. chorus, orchestra, contemporary/jazz ensemble and Brass Ensemble).
- Apply musical skills with knowledge of MIDI devices (i.e. keyboards, computers, software) to create a musical composition.
- Ability to use music recording studio equipment for use with live and videotaped performance.

### Career Options:

- |                           |                         |                    |
|---------------------------|-------------------------|--------------------|
| • Conductor               | • Soloist               | • Composer         |
| • Private Teaching        | • Music Librarian       | • Music Therapy    |
| • Music Criticism         | • Music Publishing      | • Opera            |
| • Piano Performance       | • Public Teaching       | • Producer         |
| • Guitar Performance      | • Accompanist           | • Arranger         |
| • Vocal Performance       | • Recreation Specialist | • Copyist          |
| • Studio Performer        | • Music Instructor      | • Vocal Instructor |
| • Instrumental Instructor | • Music Director        | • Choir Director   |
| • Organist                |                         |                    |

Some career options require more than two years of college study. Classes beyond those listed in the Associate Degree Program may be required to fulfill some career options or for preparation for transfer to a university program.

### Highlights:

- Interactive music instruction.
- State of the Art Digital Music Production Facility with 20 custom built creation stations PCs from Sweetwater Sound featuring ProTools software/hardware
- Mission College Symphony, Chorus, Percussion Ensemble.
- Performances and audition opportunities for various community and industry positions.
- World Class guest artists every semester as part of the Mission College Performing Arts Series

### Certificate:

- Digital Music Certificate

### Schedule Matrix:

COURSE	FALL	SPRING	SUMMER	WEEKEND
MUSIC 001	E			
MUSIC 002		E		
MUSIC 005A	D,E	D,E	D	
MUSIC 006A	D	D		
MUSIC 006B	D	D		
MUSIC 007A	D	D		
MUSIC 007B	D	D		

COURSE	FALL	SPRING	SUMMER	WEEKEND
MUSIC 010	D,E	D,E	D,E	
MUSIC 015	E			
MUSIC 016	D	D	D	
MUSIC 017	D,E	D,E	O	
MUSIC 029	D			
MUSIC 030	D,E	D,E	D,E	X
MUSIC 031	D,E	D,E	D,E	
MUSIC 032	D,E	D,E		
MUSIC 033	D,E	D,E		
MUSIC 036	E	E	E	X
MUSIC 040	E	E		
MUSIC 041	E	E		
MUSIC 048	D	D		X
MUSIC 051			D	
MUSIC 080	D	D		
MUSIC 081	E			
MUSIC 083		E		
MUSIC 087		E		
MUSIC 090	D	D	D	
MUSIC 094		D,E		

D= DAY CLASSES; E= EVENING CLASSES; X= WEEKEND; O= ONLINE

### Digital Music - Certificate

As part of the continued growth in the Music Department, the following certificate in Digital Music has been created. With recent advancements in the development of digital music systems and their widespread applications in both music and multimedia productions, such a course of study is of great interest to many students with backgrounds in music, music technology, and/or multimedia design. This curriculum provides students with hand-on experience and a working knowledge of the creative and technical issues surrounding the production of digital audio content and its application and synchronization within other media. The certificate will help prepare students for career opportunities, professional development, and personal enrichment in the fields of digital music production and distribution, multimedia audio design, and music/multimedia software design.

Music Certificate Requirements	Units
MUSIC 005..... Fundamentals of Music.....	4.0
MUSIC 016..... History of Rock.....	3.0
MUSIC 080..... Introduction. to MIDI.....	3.0
MUSIC 081..... Digital Music Production I.....	3.0
MUSIC 083..... Digital Music Production II.....	2.0
<b>Total Core Units. 14.0</b>	

### Plus any one of the following courses:

	Units
MUSIC 010..... Music Appreciation.....	3.0
DES 070..... Intro. to Multimedia Design.....	3.0
GDES 075..... Macromedia Director Studio.....	3.0
HUMAN 001AorB Human Values In and From the Arts.....	3.0
HUMAN 015..... Intro. to Film Analysis.....	3.0
ART 001D..... Survey of 20th Century Art.....	3.0
ART 034..... Introduction. to Digital Art.....	3.0
<b>Total Program Certificate Requirements.....</b>	<b>17.0</b>

## MUSIC (MUSIC)

NOTE: Maximum UC credit allowed for MUSIC 030AB, 031AB, 032AB, 033AB, 036ABCD, and 041ABCD is 12 units total.

### 001 • MUSIC HISTORY AND LITERATURE

**3.0 units**

Total Lecture 54.4 hours

Advisory: COUNS 001

Acceptable for credit: University of California, California State University

This course is a historically oriented and chronological study of music from early origins to 1750. It studies representative works, styles, and composers from early the early Greek heritage, early Christian Era, Medieval, Renaissance, and Baroque periods through reading, discussion, and listening. It is required for music majors and also designed for those students having a background in music and who are particularly interested in humanities or arts. It is offered only in the Fall semester. *Grade Only. May be repeated one time.*

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**002 • MUSIC HISTORY AND LITERATURE****3.0 units***Total Lecture 54.4 hours**Advisory: COUNS 001**Acceptable for credit: University of California, California State University*

This course is a historically oriented and chronological study of music from 1750 to present. It studies representative works, styles, and composers from Classical, Romantic, Impressionist, and 20<sup>th</sup> Century periods through reading, discussion, and listening. It is required for music majors and also designed for those students having a background in music and who are particularly interested in humanities or arts. It is offered only in the Spring semester. *Grade Only. May be repeated one time.*

**005 • FUNDAMENTALS OF MUSIC****4.0 units***Total Lecture 54.4 hours, Total Lab 54.4 hours**Advisory: Recommend concurrent enrollment in MUSIC 090**Acceptable for credit: University of California, California State University*

A course for students interested in learning music fundamentals as related to music reading, writing, listening, and performing. The study of music notation, rhythm and meter, tonality, scales, and basic harmony is included, as well as practice in rhythm performance, sight singing, and techniques of listening to music. *Pass/No Pass Option.*

**005A • FUNDAMENTALS OF MUSIC LECTURE****3.0 units***Total Lecture 54.4 hours**Advisory: Recommend concurrent enrollment in MUSIC 090**Acceptable for credit: University of California, California State University*

A course for students interested in learning music fundamentals as related to music reading, writing, listening, and performing. The study of music notation, rhythm and meter, tonality, scales, and basic harmony is included, as well as an introduction to rhythm performance, sight singing, and techniques of listening to music. This course differs from MUSIC 5 in that there is no practice lab: MUSIC 5A is lecture only. *Pass/No Pass Option.*

**006A • HARMONY AND MUSICIANSHIP I****4.0 units***Total Lecture 73.6 hours**Prerequisite: Music 005, 005A or equivalent experience**Corequisite: Music 090**Acceptable for credit: University of California, California State University*

Harmony and Musicianship I is intended for music students who want to develop the essential musical knowledge and skills required as preparation for music majors, professional musicians, electronic musicians, and all musicians desiring to acquire greater musical understanding, skill, and creativity. Students study the essential aspects of music theory – notation, rhythm, scales, chords, harmony, counterpoint, instrumentation, orchestration, arrangement, form, and music production. Aural skills are gained through extensive ear-training, sight-singing, rhythmic dictation, performance, improvisation, and basic piano keyboard skills. Students will work both as a class and individually utilizing computer-assisted music instruction software. *Pass/No Pass Option.*

**006B • HARMONY AND MUSICIANSHIP II****4.0 units***Total Lecture 73.6 hours**Prerequisite: Music 006A or equivalent experience**Corequisite: Music 090**Acceptable for credit: University of California, California State University*

Harmony and Musicianship II is an intermediate level course that continues study of the essential aspects of music theory – notation, rhythm, scales, chords, harmony, counterpoint, ear-training, and keyboard skills. These concepts are re-enforced by ear-training, sight-singing, rhythmic dictation, musical performance, and many other musical exercises. Other areas of study include musical improvisation, piano keyboard skills, and an exploration of the elements of musical style and performance practice found in traditional, contemporary, and world music cultures. *Pass/No Pass Option.*

**007A • HARMONY AND MUSICIANSHIP III****4.0 units***Total Lecture 73.6 hours**Prerequisite: Music 006B**Corequisite: Music 090**Acceptable for credit: University of California, California State University*

Harmony and Musicianship III is an advanced-intermediate course that continues study of the essential aspects of music theory – notation, rhythm, scales, chords, harmony, counterpoint, ear-training, and keyboard skills. These concepts are re-enforced by ear-training, sight-singing, rhythmic dictation, musical performance, and many other musical exercises. Other areas of study include musical improvisation, piano keyboard skills, and an exploration of the elements of musical style and performance practice found in traditional, contemporary, and world music cultures. *Pass/No Pass Option.*

**007B • HARMONY AND MUSICIANSHIP IV****4.0 units***Total Lecture 73.6 hours**Prerequisite: Music 007A**Corequisite: Music 090**Acceptable for credit: University of California, California State University*

Harmony and Musicianship IV is an advanced course in the study of the essential aspects of music theory – notation, rhythm, scales, chords, harmony, counterpoint, ear-training, and keyboard skills. These concepts are re-enforced by advanced level ear-training, sight-singing, rhythmic dictation, musical performance, and many other musical exercises. Other areas of study include musical improvisation, piano keyboard skills, and an exploration of the elements of musical style and performance practice found in traditional, contemporary, and world music cultures. *Pass/No Pass Option.*

**010 • MUSIC APPRECIATION****3.0 units***Total Lecture 54.4 hours**Advisory: COUNS 001 and concurrent enrollment in MUSIC 090**Acceptable for credit: University of California, California State University*

Basic introductory course for the student without previous training in music. Development of enjoyment and appreciation through active and guided discussion and listening to such musical forms as symphony, opera, tone poem, sonata, and concerto, from the Middle Ages to the present. Pre-Baroque (to 1600); Baroque (1600-1750); Classical (1750-1825); Romantic (1825-1900); and Contemporary (1900-present). *Pass/No Pass Option.*

**015A, B, C, D • SONG WRITING****3.0 units each***Total Lecture 54.4 hours**Advisory: Recommend concurrent enrollment in MUSIC 090**Acceptable for credit: California State University*

This course is designed as a follow-up to Fundamentals of MUSIC (MUSIC 5 or 5A), with the student applying skills developed in MUSIC 5 to the writing of song melodies, harmonization, and simple song arrangements. The student will also learn basic principles of lyrics writing. *Pass/No Pass Option.*

**016 • HISTORY OF ROCK****3.0 units***Total Lecture 54.4 hours**Advisory: COUNS 001 and concurrent enrollment in MUSIC 090**Acceptable for credit: University of California, California State University*

The course examines the History of Rock and Roll music, from its roots in Africa and 1950's America through Punk Rock. Principal study is of the music, its styles and performance practices, its musician-composers, and the important social and musical forces influencing the development of Rock. Course includes analytical listening to music, as well as guided discussion. *Pass/No Pass Option.*

**017 • MUSICS OF THE WORLD****3.0 units***Total Lecture 54.4 hours**Acceptable for credit: University of California, California State University*

The course is a multimedia, multicultural humanities course which introduces students to music from a world music perspective. Course content is centered on videos, a supplemental textbook, and an extensive collection of recorded examples. Topics include the transformative power of music, music and memory, musical style, musical performance and improvisation, music as ritual, and music technology. *This may also be taught as a telecourse. Pass/No Pass Option.*

# MUSIC

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## 029 • KEYBOARD PROFICIENCY

1.0 unit

Total Lecture 16.0 hours

Advisory: MUSIC 005 or equivalent experience

Acceptable for credit: California State University

This course is intended for music majors and other interested musicians. Students will investigate the essential aspects of contemporary music theory using the piano keyboard. Areas of study include scales, modes, chords, chord progressions, bass lines, melody, chord voicing, with introductions to arranging, composition, and improvisation. For music majors, primary focus will be on developing the specific piano keyboard skills and understanding necessary for passing the Keyboard Proficiency Exam, which is a requirement of the A.A. Degree in Music. The course will also benefit transfer music majors by helping prepare them for a more successful undergraduate experience. Note: This course is not intended to replace the piano sequence and will not focus on the development of a complete piano technique. *Pass/No Pass Option.*

## 030A, B • BEGINNING PIANO

1.0 unit each

Total Lecture 9.6 hours, Total Lab 27.2 hours

Advisory for MUSIC 030B: MUSIC 030A or demonstrate proficiency skill

Corequisite: MUSIC 090

Acceptable for credit: University of California, California State University

For students with no previous training in piano. Studies in note reading, clefs, rhythmic notation, interpretive symbols, simple pieces at the piano, the course seeks to stimulate the intellect by a study of the history of the piano and piano music, including famous composers and performers of piano music, and by the development of skills in critical thinking as related to piano performance. *Pass/No Pass Option.*

## 031A, B • INTERMEDIATE PIANO

1.0 unit each

Total Lecture 9.6 hours, Total Lab 27.2 hours

Advisory for MUSIC 031A: MUSIC 030B or demonstrate proficiency skill

Advisory for MUSIC 031B: MUSIC 031A or demonstrate proficiency skill

Corequisite: MUSIC 090

Acceptable for credit: University of California, California State University

A continuation of MUSIC 30A,B. Designed for those who wish to improve their keyboard skills through a continued study of pianistic technique, interpretation, and style in the works of various composers from different musical periods as well as the continued study of the history of the piano and piano music, including famous composers and performers of piano music. *Pass/No Pass Option.*

## 031C • INTERMEDIATE PIANO

1.0 unit

Total Lecture 9.6 hours, Total Lab 27.2 hours

Advisory: MUSIC 031B or demonstrate proficiency skill

Corequisite: MUSIC 090

Acceptable for credit: California State University

This course is a continuation of Music 031A and 031B and is designed for those students who wish to continue to improve their keyboard skills through working on music and exercises for students of a "high-intermediate" level. Students will continue to work on developing piano technique, increased interpretive skills, and an understanding of a broad range of music from many periods and styles. Students will continue to study the piano, its composers and performers. *Pass/No Pass Option.*

## 032A, B • BEGINNING VOICE

1.0 unit each

Total Lecture 9.6 hours, Total Lab 27.2 hours

Advisory: Recommend concurrent enrollment in MUSIC 090

Acceptable for credit: University of California, California State University

A course for developing the singing voice and vocal presentation. Elements of vocal production are studied, including tone placement, correct breathing, vocal production, and good diction. The student also learns how to "perform" vocal music, as well as the important psychological aspects of singing, such as the building of vocal confidence and the lessening of vocal anxiety. A song repertory is studied that represents a variety of musical and cultural styles, and practice is provided with both live piano and recorded taped accompaniment. *Pass/No Pass Option.*

## 033A, B • INTERMEDIATE VOICE

1.0 unit each

Total Lecture 9.6 hours, Total Lab 27.2 hours

Advisory: Recommend concurrent enrollment in MUSIC 090

Acceptable for credit: University of California, California State University

A continuation of MUSIC 32A,B. Designed for those who wish to improve their vocal singing skills through a continued study and development skills in vocal technique, interpretation, presentation (including critical analysis), history of singing and vocal music, and style in the works of various composers from different musical periods and cultures. Practice is provided with both live piano and recorded taped accompaniment. *Pass/No Pass Option.*

## 036A, B, C, D • BEGINNING GUITAR

1.0 unit each

Total Lecture 9.6 hours, Total Lab 27.2 hours

Advisory: Recommend concurrent enrollment in MUSIC 090

Acceptable for credit: University of California, California State University

A beginning course in guitar. Emphasis on music reading, playing in basic positions, scales, chords, major and minor keys. The student studies the history of the guitar and guitar music, including famous composers and composers of guitar music. Simple pieces are learned from various stylistic periods and cultures, and skills in critical thinking are developed as related to guitar performance. *Pass/No Pass Option.*

## 037A • GUITAR ENSEMBLE

1.0 unit

Total Lecture 8.0 hours, Total Lab 27.2 hours

Advisory: MUSIC 090

Acceptable for credit: California State University

This course focuses on the study and performance of guitar music from a Western European musical tradition. Emphasis will be placed on individual and group participation, and public performance. Attendance at all scheduled performances is required. No prior performance experience is required. *Pass/No Pass Option.*

## 039A, B, C, D • ADVANCED PIANO

1.0 unit each

Total Lecture 8.0 hours, Total Lab 27.2 hours

Advisory: MUSIC 90

Prerequisite for 039A, B: MUSIC 031B or demonstrate proficiency skill

Prerequisite for 039C: MUSIC 039B

Prerequisite for 039D: MUSIC 039C

Acceptable for credit: University of California, California State University

A survey of advanced music for the piano and other keyboard instruments from the Baroque Period to 20th Century musical styles. Assignments include preparation and performances of different piano repertoire each semester. Discussions and projects related to standard piano repertoire, literature and appropriate performance practices. Course is repeatable for credit. Students will be assigned new musical works each semester from the vast amount of piano repertoire that is available, allowing the student to continue development of his/her technical skills. *May be repeated three times. Pass/No Pass Option.*

## 040A • PERCUSSION ENSEMBLE

1.0 unit

Total Lab 54.4 hours

Advisory: MUSIC 90

Acceptable for credit: University of California, California State University

This course focuses on the study and performance of percussion music from West Africa, Cuba, Brazil, Trinidad and the Western European musical tradition. Emphasis will be placed on participation and public performance. Attendance at all scheduled performances is required. Prior experience with percussion/music is not required. *May be repeated three times. Pass/No Pass Option.*

## 041A, B, C, D • MIXED CHORUS

1.0 unit each

Total Lecture 8.0 hours, Total Lab 27.2 hours

Advisory: Recommend concurrent enrollment in MUSIC 090

Acceptable for credit: University of California, California State University

A singing group of mixed voices open to those with or without previous experience in group singing. Part songs, motets, anthems, and other types of choral music, in a variety of styles, will be learned. Music reading may be covered as well as the basic elements of music. *Pass/No Pass Option.*

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<p><b>042A • VOCAL JAZZ ENSEMBLE</b> <b>2.0 units</b>  <i>Total Lab 108.8 hours</i>  <i>Acceptable for credit: University of California, California State University</i>                      This is a performance ensemble for students who wish to sing familiar jazz and pop tunes. Students learn contemporary singing styles, microphone technique, and improvisation skills. Students are required to participate in a minimum of two public performances and a recording session. <i>May be repeated three times. Pass/No Pass Option.</i></p>	<p><b>065A, B, C, D • DRUM AND BUGLE CORPS</b> <b>2.0 units each</b>  <i>Total Lecture 16.0 hours, Total Lab 54.4 hours</i>  <i>Advisory: Recommend concurrent enrollment in MUSIC 090</i>  <i>Prerequisite: Admission to this ensemble is by audition. Entering ensemble members need the ability to read, interpret and perform music and movement in field marching routine.</i>  <i>Acceptable for credit: University of California, California State University</i>                      Students will be a part of a performing drum and bugle corps, marching in preconceived and free-form visual formations and routines, playing brass and percussion instruments, with accompanying visual units appropriate to the ensemble. <i>Pass/No Pass Option.</i></p>
<p><b>048A • SYMPHONY ORCHESTRA</b> <b>1.0 unit</b>  <i>Total Lab 54.4 hours</i>  <i>Advisory: Recommend concurrent enrollment in MUSIC 090</i>  <i>Prerequisite: Audition for demonstration of skill</i>  <i>Acceptable for credit: University of California, California State University</i>                      This is an advanced course for the study and performance of symphonic music and repertoire of all styles and periods. Emphasis is placed on group participation and public performance. Attendance at all schedule performances required. New works of orchestral music are performed each semester. <i>May be repeated three times. Pass/No Pass Option.</i></p>	<p><b>066A • DRUM AND BUGLE CORPS II</b> <b>2.0 units</b>  <i>Total Lecture 16.0 hours, Total Lab 54.4 hours</i>  <i>Advisory: MUSIC 090</i>  <i>Prerequisite: Audition for demonstration of skill</i>  <i>Acceptable for credit: University of California, California State University</i>                      Students will be part of an advanced level performing drum and bugle corps, marching in preconceived and free-form visual formations and routines of an advanced level, playing brass and percussion instruments with accompanying visual units appropriate to the ensemble. Admission is by audition only. <i>May be repeated three times. Pass/No Pass Option.</i></p>
<p><b>048B • SYMPHONY ORCHESTRA</b> <b>1.0 unit</b>  <i>Total Lab 54.4 hours</i>  <i>Advisory: MUSIC 090</i>  <i>Prerequisite: MUSIC 048A</i>  <i>Acceptable for credit: University of California, California State University</i>                      This is a continuation course for the study and performance of symphonic music and repertoire of all styles and periods. Emphasis is placed on group participation and public performance. Attendance at all schedule performances required. New works of orchestral music are performed each semester. <i>May be repeated three times. Pass/No Pass Option.</i></p>	<p><b>080 • INTRODUCTION TO MIDI</b> <b>3.0 units</b>  <i>Total Lecture 36.8 hours, Total Lab 54.4 hours</i>  <i>Advisory: Recommend concurrent enrollment in MUSIC 090</i>  <i>Acceptable for credit: California State University</i>                      This is a course designed to introduce the Musical Instrument Digital Interface (MIDI) system and develop the student's ability to apply the system to the creation of music. Emphasis will be placed on the function and operation of MIDI equipment and on the production of music within set parameters. The student will work on either a Macintosh or PC platform computer using Opcode Vision software or equivalent. No prior musical or computer training is required. <i>May be repeated two times. Pass/No Pass Option.</i></p>
<p><b>048C • SYMPHONY ORCHESTRA</b> <b>1.0 unit</b>  <i>Total Lab 54.4 hours</i>  <i>Advisory: MUSIC 090</i>  <i>Prerequisite: MUSIC 048B</i>  <i>Acceptable for credit: University of California, California State University</i>                      This is an on-going advanced course for the study and performance of symphonic music and repertoire of all styles and periods. Emphasis is placed on group participation and public performance. Attendance at all scheduled performances is required. New works of orchestral music are performed each semester. <i>May be repeated three times. Pass/No Pass Option.</i></p>	<p><b>081 • DIGITAL MUSIC PRODUCTION I</b> <b>3.0 units</b>  <i>Total Lecture 36.8 hours, Total Lab 54.4 hours</i>  <i>Acceptable for credit: California State University</i>                      This course is a hands-on survey of audio recording techniques using ProTools software and hardware. Specific subject areas include tracking, basic mixing and mastering, use of EQ, compression and effects. Students will complete a series of projects designed to develop recording, editing and mixing skills. <i>Pass/No Pass Option.</i></p>
<p><b>048D • SYMPHONY ORCHESTRA</b> <b>1.0 unit</b>  <i>Total Lab 54.4 hours</i>  <i>Advisory: MUSIC 090</i>  <i>Prerequisite: MUSIC 048C</i>  <i>Acceptable for credit: University of California, California State University</i>                      This is a course for the expert study and skilled performance of symphonic music and repertoire of all styles and periods. Emphasis is placed on group participation and public performance. Attendance at all scheduled performances is required. New works of orchestral music are performed each semester. <i>May be repeated three times. Pass/No Pass Option.</i></p>	<p><b>083 • DIGITAL MUSIC PRODUCTION II</b> <b>2.0 units</b>  <i>Total Lecture 16.0 hours, Total Lab 54.4 hours</i>  <i>Advisory: Recommend concurrent enrollment in MUSIC 090</i>  <i>Acceptable for credit: California State University</i>                      This is an advanced audio recording, "live" audio and MIDI production course using ProTools software and hardware. Students will learn how to produce voice-overs, sound effects, multi-track recordings and MIDI sequences to be used in films, television, radio, web applications and the music industry. Participation in at least one on-campus music event and a final portfolio of work is required. <i>May be repeated two times. Pass/No Pass Option.</i></p>
<p><b>050 • MISSION STEELBAND</b> <b>1.0 unit</b>  <i>Total Lab 54.4 hours</i>  <i>Advisory: MUSIC 090</i>  <i>Acceptable for credit: University of California, California State University</i>                      This performance ensemble focuses on the study and performance of music from Trinidad, South America and the Caribbean musical tradition. Ensemble members will learn how to play Caribbean steeldrums. Emphasis will be placed on participation and public performance. Attendance at all scheduled performances is required. Prior experience with percussion/music is not required. <i>May be repeated three times. Pass/No Pass Option.</i></p>	<p><b>087 • MUSIC BUSINESS</b> <b>3.0 units</b>  <i>Total Lecture 54.4 hours</i>  <i>Acceptable for credit: California State University</i>                      This course is an introduction to music business and the music industry. Topics include music publishing, copyright, and licensing; professional organizations; artist management; music product merchandizing; the recording industry, markets, record contracts, record production, distribution, and promotion; music in radio, television, advertising, and the Internet; and career options and development. Classes include guest speakers from the music industry, field trips, video and audio presentations, as well as active student participation in class discussions, the preparation of legal documents, and in situational role playing activities. <i>Pass/No Pass Option.</i></p>
<p><b>051 • JAZZ ENSEMBLE</b> <b>2.0 units</b>  <i>Total Lecture 16.0 hours, Total Lab 54.4 hours</i>  <i>Advisory: Recommend concurrent enrollment in MUSIC 090</i>  <i>Acceptable for credit: University of California, California State University</i>                      Performance of music for large jazz ensemble with attention to stylistic differences utilized in modern jazz composition. Open by audition to all qualified students. This ensemble continues the exploration of jazz as a unique cultural art-form within an accurate historical and contemporary framework. <i>May be repeated three times. Pass/No Pass Option.</i></p>	

# MUSIC • NUTRITIONAL SCIENCE

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## 090 • MUSIC LABORATORY

0.5 unit

Total Lab 27.2 hours

Corequisite: Concurrent enrollment in any music course

Acceptable for credit: University of California, California State University

This is a separate music laboratory course, offered by arrangement and at the student's convenience. Its purpose is to provide music students with supplementary learning activities related to his/her other music classes. Activities may vary according to the educational activity agreement established between the student and the instructor(s) of the student's other music course(s). May be repeated three times. Pass/No Pass Option.

## 094 • MUSIC DEGREE JURY

1.0 unit

Total Lecture 16.0 hours

Advisory: Completion of a majority of the music degree coursework and consultation with the music faculty

Acceptable for credit: California State University

This course is intended for music majors who have completed most of their degree courses and are preparing for graduation. Students prepare a final presentation of their music and other degree work. The presentation may take the form of recital, an electronic music presentation, or some combination of elements that best represents the student's musical interests and accomplishments. The final presentations are open to the college community. Students will arrange for a music faculty to supervise the preparation and performance arrangements. Grade Only.

## NUTRITIONAL SCIENCE (NS)

DIVISION: Commercial Services  
DEPARTMENT: Nutritional Science  
DEPT CHAIR: Heather Rothenberg  
PHONE: 408-855-5248  
COUNSELING: 408-855-5030

Nutritional Science is a dynamic field of study with connections to food science, chemistry and biology. It is a discipline that investigates how nutrients are taken in by the body, broken down, and utilized. Through the study of nutrition, chronic diseases such as heart disease and cancer can be better understood and perhaps even prevented. In a larger context, nutritional science examines how the environment is connected with the nutritional status of populations. This is a discipline that crosses cultures and looks at the health implications of a variety of foods.

### Student Learning Outcomes:

Students who successfully complete courses in the Nutrition Program will:

- describe the scientific basis for nutrition
- apply nutrition concepts to a regular and therapeutic diets.

Students will be assessed through written homework and exams and class presentations.

### Career Options:

Most career options require more than two years of college study.

- Nutrition Educator (R.D. advised)
- Dietetic Technician (Registered)
- Food Manufacturing (test kitchens)
- Food Service Inspector (R.D. advised)
- Nutrition Counselor (R.D. advised)
- Hospital Dietetics (R.D. advised)
- Private Practice Consultant (R.D. advised)
- Sports Nutrition (R.D. advised)
- Nursing Homes
- Nutrition Researcher
- Food Service Manager
- WIC counselor
- Registered Dietitian (R.D.)
- Dietetic Service Supervisor

### Highlights:

- Professional staff concerned with helping students succeed and meet their educational goals.
- Computer-assisted learning.
- Telecourse offerings of some classes which provide flexibility to students.
- Demand for healthcare professionals

## NUTRITIONAL SCIENCE (NS)

### 015 • HUMAN NUTRITION

3.0 units

Total Lecture 54.4 hours

Advisory: MATH 900

Acceptable for credit: University of California, California State University

This course is designed to teach basic scientific principles as they apply to human nutrition in maintaining health and preventing disease. Biochemical functions and inter-relationships between nutrients in the body are examined. Current nutritional controversies are evaluated. Students develop and increase their analytical and evaluative skills by completing a nutritional self-study during the course. Pass/No Pass Option.

### 040 • DIET IN HEALTH AND DISEASE

2.0 units

Total Lecture 36.8 hours

Advisory: MATH 900

Acceptable for credit: California State University

This course is designed to provide a basic understanding of normal and clinical nutrition for individuals in the health care field. Stress is placed on defining and describing the therapeutic needs of the ill in terms of current dietetic principles. Pass/No Pass Option.

### 052 • NUTRITION FOR CHILDREN

3.0 units

Total Lecture 54.4 hours

Acceptable for credit: California State University

This course provides students with a basic understanding of scientific principles as they apply to nutrition for children. Emphasis is placed on the prenatal through school aged child. Nutrients and their affect on a child's physical and mental development are discussed. This course analyzes cultural, environmental, physical and economic factors affecting nutritional status. Federal and State regulations for child feeding programs are included. Grade Only.