

Course Descriptions

MTT 2440
Die and Mold Making
6:3:9 **On Sufficient Demand**
 • Prerequisite(s): MTT 1110, MTT 1120, MTT 1150, MTT 2330
 • Corequisite(s): MTT 1210, MTT 1220
 Covers the design and construction of plastic and sheet metal production tools. Identifies types of plastics and their applications as used in design and manufacturing. Includes set up and operation of injection mold machines. Covers theory of sheet metal punch and die work. Includes hands-on application of die design with components necessary to pierce and form sheet metal parts. Students design and build plastic injection molds, using EDM, CNC and conventional machine tools. Completers should be able to enter the field as a trainee mold maker.

MUSC—Music

MUSC 1010 **FF**
Introduction to Music
3:3:0 **Su, F, Sp**
 A survey course designed to make music more meaningful. Studies melody, harmony, form, and rhythm together with historical and biographical information.

MUSC 1100 **XF**
Fundamentals of Music
2:2:0 **Su, F, Sp**
 Designed for non-music majors. Examines the fundamentals of music such as keys, scales, intervals, rhythms, meters, and terminology. Completion of a second course is required to satisfy the fine arts requirement (see Graduation section of catalog).

MUSC 1110 **GF**
Basic Music Theory I
3:3:0 **F, Sp**
 • Prerequisite(s): MUSC 1100 or passing score or Music Program Placement Test
 For music majors, interested students and community members. An intense study of the fundamentals of music including elementary harmony, primary and secondary triads with inversions, non harmonic tones and modulation. Concurrent enrollment in MUSC 1130 is highly desirable.

MUSC 1120 **GF**
Basic Music Theory II
3:3:0 **Su, Sp**
 • Prerequisite(s): MUSC 1110
 A continuation of MUSC 1110, Music Theory I.

MUSC 1130 **GF**
Aural Music Skills I
2:2:0 **F, Sp**
 For music majors and other interested students and community members. An intense study of the skills of analysis, sight reading, and ear training. Develops student's aural music skills.

MUSC 1140 **GF**
Aural Music Skills II
2:2:0 **Su, Sp**
 • Prerequisite(s): MUSC 1130
 For music majors and other interested students and community members. An intense study of the skills of analysis, sight reading, and ear training. A continuation of MUSC 1130.

MUSC 1150 **GF**
Group Piano I
2:2:0 **Su, F, Sp**
 Group piano class for students who have had little or no piano experience. A comprehensive course covering fundamentals of aural, tactile, and visual keyboard skills as well as some music theory.

MUSC 1160 **GF**
Group Piano II
2:2:0 **F, Sp**
 • Prerequisite(s): MUSC 1150 or instructor approval
 Group piano class designed for students who have basic performing and technical skills. A comprehensive course including instruction in theory, keyboard skills, and sight-reading.

MUSC 120R **GF**
A Cappella Choir
1:0:4 **F, Sp**
 • Prerequisite(s): Audition
 Provides group training in various styles of choral literature. Requires attendance at scheduled performances and expected acquisition of choir attire. Requires audition. May be repeated. Two credits may apply toward the AAS degree and four credits toward AS degrees.

MUSC 124R **GF**
UVSC Concert Choir
1:2:0 **F, Sp**
 • Prerequisite(s): Instructor approval
 For the singer desiring experience in choral performance. Provides the opportunity of performing in a group of select singers. Studies music of various style and periods. Requires participation in concerts and programs. Instructor approval is required. May be repeated. Two credits may apply toward the AAS degree and four credits toward the AA/AS degree.

MUSC 126R **GF**
Show Choir--Encore
2:1:3 **F, Sp**
 • Corequisite(s): MUSC 120R
 For the advanced singer desiring experience in show choir performance. Provides the opportunity of performing in a small group of select singers. Studies music and choreography. Requires participation in concerts, programs and tours. Some costume expenses may be incurred. May be repeated. Four credits may apply toward the AAS degree and eight credits toward the AA/AS degrees.

MUSC 130R **GF**
Symphonic Band
1:0:4 **F, Sp**
 • Prerequisite(s): Audition
 Provides opportunity to improve musical performance skills by participating in the band. Studies and performs serious concert literature. Functions as the Wolverine Pep Band at athletic activities. Requires attendance at all concerts, performances, and tours. May be repeated. Two credits may apply toward the AAS degree and four credits toward the AS or BS degrees.

MUSC 1400 **GF**
Introduction to Music Technology
2:2:0 **F, Sp**
 Covers the fundamentals of MIDI (musical recording technology, analog and digital synthesis, and digital sampling). Surveys available music software and hardware with hands-on experience in the College's electronic music studio.

MUSC 150R **GF**
Individual Piano Instruction
1:1:0 **Su, F, Sp**
 Private instruction on piano. Designed to meet the individual needs of the student in developing skills and techniques. Requires five hours of practice each week. May be repeated. Two credits may apply toward the AAS degree and four credits toward the AA/AS degrees.

MUSC 151R **GF**
Individual Voice Instruction
1:1:0 **Su, F, Sp**
 Private instruction in developing the voice. Designed to meet the individual needs of the student in developing skills and techniques. Requires five hours of practice each week. May be repeated. Two credits may apply toward the AAS degree and four credits toward the AA/AS degree.

MUSC 152R **GF**
Individual Woodwind Instruction
1:1:0 **Su, F, Sp**
 Private instruction on woodwind instruments. Designed to meet the individual needs of the student in developing skills and techniques. Requires five hours of practice each week. May be repeated. Two credits may apply toward the AAS degree and four credits toward AA/AS degrees.

MUSC 153R **GF**
Individual Brass Instruction
1:1:0 **Su, F, Sp**
 Private instruction on brass instruments. Designed to meet the individual needs of the student in developing skills and techniques. Requires five hours of practice each week. May be repeated. Two credits may apply toward the AAS degree and four credits toward AA/AS degrees.

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MUSC

<p>MUSC 154R GF Individual String Instruction I:1:0 Su, F, Sp Private instruction on string instruments. Designed to meet the individual needs of the student in developing skills and techniques. Requires five hours of practice each week. May be repeated. Two credits may apply toward the AAS degree and four credits toward AA/AS degrees.</p>	<p>in the orchestra. Studies and performs serious concert literature from all periods of music history. Requires attendance at all concerts, rehearsals, and tours. May be repeated. Two credits may apply toward the AAS Degree and four credits toward the AS or BS degrees.</p>	<p>MUSC 2420 Recording Studio II 2:1:2 Sp • Prerequisite(s): MUSC 2400 Continues the study and application of recording techniques begun in MUSC 2400. Emphasizes multi-track recording and mix down, microphone placement, and patch bay function. Requires creative projects demonstrating proficient use of studied equipment.</p>
<p>MUSC 155R GF Individual Percussion Instruction I:1:0 Su, F, Sp Private instruction on percussion instruments. Designed to meet the individual needs of the student in developing skills and techniques. Requires five hours of practice each week. May be repeated. Two credits may apply toward the AAS degree and four credits toward AA/AS degrees.</p>	<p>MUSC 1800 Introduction to Music Education I:1:1 F, Sp Introduces the Music education profession. Emphasizes personal, professional, and musical skills necessary for successful music teaching and learning. Requires observation of music teachers outside of scheduled class time.</p>	<p>MUSC 281R Internship in Music I I to 8:0:5 to 40 • Prerequisite(s): Departmental Approval Provides an opportunity for students to receive college credit and explore career options in music by working in music-related fields. Applies academic concepts to actual work experiences. Requires approval of faculty sponsor and completion and acceptance of application. Requires completion of an orientation, completion of Master Agreement between UVSC and employer, completion of goals and tasks as required by academic department, and completion of final evaluation. May be repeated for a total of 8 credits towards graduation.</p>
<p>MUSC 156R GF Individual Guitar Instruction I:1:0 Su, F, Sp Private instruction on guitar. Designed to meet the individual needs of the student in developing skills and techniques. Requires five hours of practice each week. May be repeated. Two credits apply toward the AAS degree and four credits toward the AA/AS degrees.</p>	<p>MUSC 2110 GF Advanced Music Theory I 3:3:0 F • Prerequisite(s): MUSC 1120 For music majors and other interested students and community members. Studies chromatic elements of music. Covers the music theory of the twentieth century. Provides additional training in sight-singing and dictation. Covers diminished seventh chords, modulation, augmented sixth chords, etc.</p>	<p>MUSC 290A Independent Study I:0 to 1:0 to 3 Su, F, Sp • Prerequisite(s): Instructor permission and advisor approval Individual projects to be negotiated by student and instructor on a case-by-case basis to be approved by the departmental advisor.</p>
<p>MUSC 1640 GF Group Voice I:1:1 F, Sp Designed for non-voice majors. Group instruction to fit the individual needs of the students in developing vocal skills and techniques. Covers vocal tone, melodies, diction, performance skills, etc.</p>	<p>MUSC 2120 GF Advanced Music Theory II 3:3:0 Sp • Prerequisite(s): MUSC 2110 A continuation of MUSC 2110. For music majors, interested students and community members.</p>	<p>MUSC 290B Independent Study 2:0 to 2:0 to 6 Su, F, Sp • Prerequisite(s): Instructor permission and advisor approval Individual projects to be negotiated by student and instructor on a case-by-case basis to be approved by the departmental advisor.</p>
<p>MUSC 1650 GF Group Strings I:1:1 F, Sp Teaches students basic performing and teaching skills on the violin, viola, cello and bass.</p>	<p>MUSC 220R GF Small Ensembles I:1:0 F, Sp For the musician desiring experience in small ensemble performance. Provides opportunity for performing in small groups of select musicians. Studies music of various styles and periods. Some public performances may be required. May be repeated. Two credits may apply toward the AAS degree and four credits toward the AA/AS degrees.</p>	<p>MUSC 290C Independent Study 3:0 to 3:0 to 9 Su, F, Sp • Prerequisite(s): Instructor permission and advisor approval Individual projects to be negotiated by student and instructor on a case-by-case basis to be approved by the departmental advisor.</p>
<p>MUSC 1660 GF Group Clarinet I:1:1 F Teaches basic performing and teaching skills on the clarinet. Covers good clarinet tone, knowledge of fingerings and special problems, correct clarinet assembly, etc.</p>	<p>MUSC 2350 GF Fundamentals of Conducting 2:2:0 F, Sp For music majors, interested students and community members. An introductory course which covers the basics of conducting. Focuses on baton technique, score reading, interpretation and rehearsal.</p>	<p>MUSC 3010 FF Music History and Literature I 3:3:0 F • Prerequisite(s): MUSC 2110 Covers the history of European music from ancient times to the Classic era. Surveys periods, genres, composers, works, performance practice, and sources. Emphasizes musical meaning, style, and interpretation.</p>
<p>MUSC 1680 GF Group Trumpet I:1:1 Sp Teaches basic performing and teaching skills on the trumpet. Covers knowledge of the trumpet mechanism, trumpet tone, trumpet fingerings, etc.</p>	<p>MUSC 2400 GF Recording Studio I 2:1:2 F, Sp • Prerequisite(s): MUSC 1120, MUSC 1140 Introduces recording studio from an artistic and operational point of view. Emphasizes audio consoles, microphones, multi-track recorders, and echo chambers. Increases understanding of operation and function of recording equipment and its relationship to musicians, sound engineer, and producer.</p>	
<p>MUSC 170R GF Symphony Orchestra I:0:4 F, Sp • Prerequisite(s): Audition Provides the opportunity to improve musical performance skills by participating</p>		

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<p>MUSC 3020 FF Music History and Literature II 3:3:0 Sp • Prerequisite(s): MUSC 2120 Covers the history of European-sphere music from the Classic era to the present. Surveys periods, genres, composers, works, performance practice and sources. Emphasizes musical meaning, style and interpretation.</p>	<p>MUSC 332R GF Jazz Ensemble 1:3:0 F, Sp • Prerequisite(s): Audition Provides the advanced instrumentalist the opportunity to perform jazz music as a member of the jazz ensemble. Studies all styles of jazz, rock and popular music. Improvisational and sight-reading skills are emphasized. Requires attendance at all performances. May be repeated for maximum of 8 credits toward graduation.</p>	<p>week. May be repeated for a maximum of 8 credits toward graduation.</p>
<p>MUSC 3120 Form and Analysis 3:3:0 F • Prerequisite(s): MUSC 2110 Explores the structure, meaning and organization of music. Concentrates on the standard practices of European-sphere music since 1600. Teaches techniques for understanding and classifying musical structure. Places techniques and knowledge from the first three semesters of music theory into a comprehensive whole.</p>	<p>MUSC 3400 XF Music in the Elementary School 2:2:0 Su, F, Sp For Elementary Education students and other interested students and community members. Introduces concepts and techniques of music education applicable to the elementary school classroom. Teaches concepts and skills through a combination of readings and lectures. Applies vocal and instrumental basics and class projects. Addresses the Utah State Core Curriculum for music for the elementary school. Completion of a second course is required to satisfy the fine arts requirement (see Graduation section of catalog).</p>	<p>MUSC 354R Advanced Individual String Instruction 1:1:0 Su, F, Sp • Prerequisite(s): Passing juried examination Develops individual string performance skills. Requires five hours of practice each week. May be repeated for a maximum of 8 credits toward graduation.</p>
<p>MUSC 3150 Advanced Instrumental Conducting 2:2:0 Sp • Prerequisite(s): MUSC 2350, MUSC 2120, MUSC 2010, MUSC 2020 or instructor's permission Teaches advanced baton techniques, score preparation and basic rehearsal procedures for instrumental ensembles.</p>	<p>MUSC 3410 Elementary Music Methods 2:2:0 • Prerequisite(s): MUSC 2110 This course is an elementary music methods class for music majors.</p>	<p>MUSC 355R Advanced Individual Percussion Instruction 1:1:0 Su, F, Sp • Prerequisite(s): Passing juried examination Develops percussion performance skills. Requires five hours of practice each week. May be repeated for a maximum of 8 credits toward graduation.</p>
<p>MUSC 320R Advanced A Cappella Choir 1:0:4 F, Sp • Prerequisite(s): Audition Provides group training in the various styles of choral literature. Requires attendance at scheduled performances. May be repeated for a maximum of 8 credits toward graduation.</p>	<p>MUSC 350R Advanced Individual Piano Instruction 1:1:0 Su, F, Sp • Prerequisite(s): Passing juried examination. May be repeated for a maximum of 8 credits toward graduation. Develops student performance skills and techniques. Requires five hours of practice each week. May be repeated for a maximum of 8 credits toward graduation.</p>	<p>MUSC 356R Advanced Individual Guitar Instruction 1:1:0 Su, F, Sp • Prerequisite(s): Passing juried examination Develops performance skills on guitar. Requires five hours of practice each week. May be repeated for a maximum of 8 credits toward graduation.</p>
<p>MUSC 322R GF Chamber Choir 1:3:0 F, Sp • Prerequisite(s): Audition For the advanced singer desiring experience in choral performance. Provides the opportunity of performing in a small group of select singers. Studies music of various styles and periods. Requires participation in concerts, programs, and tours. May be repeated for maximum of 8 credits toward graduation.</p>	<p>MUSC 351R Advanced Individual Voice Instruction 1:1:0 Su, F, Sp • Prerequisite(s): Passing juried examination Develops the student's singing voice. Requires five hours of practice each week. May be repeated for a maximum of 8 credits toward graduation.</p>	<p>MUSC 370R Advanced Symphony Orchestra 1:0:4 F, Sp • Prerequisite(s): Audition required; instructor permission Provides opportunity to improve musical performance skills by participating in orchestra. Studies and performs serious concert literature from all periods of music history. Requires attendance at all concerts, rehearsals, tours and acquisition of performance attire. May be repeated for maximum of 8 credits toward graduation.</p>
<p>MUSC 330R Advanced Symphony Band 1:0:4 F, Sp • Prerequisite(s): Instructor approval; prior playing experience Improves musical performance skills by participation in the band. Studies and performs serious concert literature. Requires attendance at all concerts, performances, tours and acquisition of performance attire. May be repeated for maximum of 8 credits toward graduation.</p>	<p>MUSC 352R Advanced Individual Woodwind Instruction 1:1:0 Su, F, Sp • Prerequisite(s): Passing juried examination Develops individual woodwind performance skills. Requires five hours of practice each week. May be repeated for a maximum of 8 credits toward graduation.</p>	<p>MUSC 372R GF Chamber Orchestra 1:2:0 On Sufficient Demand • Prerequisite(s): Audition For students desiring public chamber orchestra performance experience. Provides the opportunity to improve music performance skills. Studies and performs serious concert literature from all periods of music history. Attendance is expected at all concerts, rehearsals, and tours. Entrance requires audition. May be repeated for maximum of 8 credits toward graduation.</p>
	<p>MUSC 353R Advanced Individual Brass Instruction 1:1:0 Su, F, Sp • Prerequisite(s): Passing juried examination Develops individual brass performance skills. Requires five hours of practice each</p>	<p>MUSC 4120 Twentieth-Century Theory 3:3:0 • Prerequisite(s): MUSC 3120 Surveys compositional techniques used by post-tonal composers of the twentieth century. Builds on the knowledge and skills learned in the tonal music theory classes.</p>

MUSC 4130
Scoring and Arranging
2:2:0 Sp
 • Prerequisite(s): MUSC 2120
 Studies techniques of scoring and arranging music for orchestra, band, choir, and small ensembles.

MUSC 4150
Advanced Choral Conducting
2:2:0 F
 • Prerequisite(s): MUSC 2350, MUSC 2120, MUSC 2010, MUSC 2020
 Develops advanced baton techniques, score preparation and basic rehearsal procedures for choral organizations.

MUSC 4600
Jazz Improvisation
1:1:1 F
 • Prerequisite(s): MUSC 1120
 Develops jazz improvisational skills for instrumental and vocal jazz performance. Emphasizes chords related to 12-bar blues and simple song using II-V7-I chord progressions. Develops skills through a program of systematic exposition and utilization of fundamental musical structures.

MUSC 481R
Internship in Music II
1 to 8:0:5 to 40
 • Prerequisite(s): Departmental Approval
 Provides an opportunity for upper-division students to receive college credit and work in a music-related field. Offers students the opportunity to focus on a specific career path and prepare themselves to enter the profession. Applies academic concepts to actual work experiences. Requires approval of faculty sponsor and completion and acceptance of application. Also requires completion of an orientation, completion of Master Agreement between UVSC and employer, completion of goals and tasks as required by academic department, and completion of final evaluation. May be repeated for a total of 8 credits towards graduation.

NURS—NURSING

NURS 1030
Concepts of Nursing I
9:5:12 F, Sp
 • Prerequisite(s): Admission to AS program
 Introduces concepts and roles fundamental to nursing practice and physiological and psychological functions and activities that maintain or alter health and wellness. Develops basic psychomotor skills needed to complete independent and collaborative nursing care. Provides opportunities to practice and apply concepts through group discussion, class presentations, and case studies in lecture and lab settings.

NURS 1110
Concepts of Nursing II
9:5:12 F, Sp
 • Prerequisite(s): NURS 1030, PSY 1100
 Builds upon Nursing Concepts I. Focuses on an expanded recognition and comprehension of concepts and processes fundamental to the practice of nursing. Develops skills to identify patient care needs and assist in planning appropriate interventions in a variety of settings. Emphasizes related patient symptoms and medical diagnosis; comprehension and verbalization of nursing care interventions; utilization and nursing considerations of drug classifications. Includes readings, discussions, demonstrations, multimedia use and case studies during which each student will participate in both lecture and laboratory settings.

NURS 1400
Introduction to Nursing
2:2:0 F
 Explores careers in nursing, introducing nursing roles in promoting, maintaining and restoring health. Identifies key aspects of nursing practice in context of health care trends, including clinical judgment, relationship skills, and ability to access and evaluate health care literature.

NURS 2010
Concepts of Nursing III
8:4:12 F, Sp
 • Prerequisite(s): Departmental Permission
 Focuses on the concepts and processes needed to identify the health needs and/or problems of patients. Identifies discriminating factors used to determine and complete appropriate independent and collaborative nursing interventions. Emphasizes pharmacokinetics and nursing implications for medication use; identification of nursing diagnoses and problems; elaborations of pathophysiologic mechanisms. Includes readings, discussions, demonstrations, multimedia resources, and case studies during which each student will participate in both a lecture and laboratory setting.

NURS 2110
Concepts of Nursing IVⁱ
7:3:12 F, Sp
 • Prerequisite(s): NURS 2010
 Integrates planning and management of holistic patient care. Identifies, implements, and evaluates interventions designed to address patients' needs in a variety of settings. Examines cultural diversity and ethnicity when planning appropriate nursing care. Incorporates promotion, maintenance, and restoration of health. Includes supervision, delegation, and evaluation of the nursing care team.

NURS 2120
Issues in Nursing
1:1:0 F, Sp
 • Prerequisite(s): NURS 2010
 • Corequisite(s): NURS 2110
 Discusses scope of practice, management skills, and roles of the Registered Nurse as a member of the interdisciplinary health care team. Explores contemporary issues in nursing practice.

NURS 2300
Nursing Health Assessment
3:2:3
 • Prerequisite(s): Acceptance into ASN/BS Nursing program
 • Corequisite(s): NURS 2320
 Introduces the nursing student to the health history interview and physical assessment techniques for patients across the lifespan. Uses a holistic approach in identifying health care needs of the patient within the context of the nursing process.

NURS 2310
Nursing Pharmacology
3:3:0
 • Prerequisite(s): CHEM 1110 and ZOOL 2320
 • Pre- or Corequisite(s): ZOOL 2420
 Examines general principles of drug therapy, including medication administration, drug action in the body, and dosage calculations. Focuses on major drug categories and prototypes in each category. Serves as a basis for understanding drug therapy as an integral part of health care.

NURS 2320
Nursing Interventions
3:1:6
 • Prerequisite(s): Acceptance into ASN/BS Nursing program
 • Corequisite(s): NURS 2300
 Introduces nursing interventions to promote and enhance comfort, hygiene, nutrition, elimination, sleep and rest, activity and mobility for persons with self-care deficits, or facilitating self-care. Provides laboratory and clinical opportunities to apply nursing interventions. Emphasizes nursing interventions based on patient assessment as well as safety risk reduction.

NURS 2400
Clinical Reasoning in Nursing
2:2:0
 • Prerequisite(s): NURS 2300, NURS 2310
 • Corequisite(s): NURS 2410, NURS 2420
 Examines elements, traits, standards and modes of critical thinking used in nursing practice and applies them in use of the nursing process. Focuses on development of skills required to plan nursing care for individuals, families, groups and communities.