MUSIC (MUS)

The discipline of music and music making requires the integration of technical skills, creativity, analytical thinking, and understanding. Students electing to study music work with faculty musicians in classes, ensembles, and private lessons to acquire basic musicianship skills, develop performance abilities, learn about music's role in past and present cultures, and gain the enthusiasm and tools needed for lifelong teaching and learning in the field of music. A degree in music within a liberal arts curriculum provides a broad background, allowing students to enter many careers and to pursue further study and graduate work in many areas. Graduates of Western's Music Department are now involved in a variety of careers, including the recording industry, concert management, counseling, librarianship, music business, accompanying, coaching, church music, independent teaching, and performance. Many graduates have elected to take the additional music and education courses leading to licensure in Music Education and are pursuing careers in the public schools of Colorado and the nation, often pursuing graduate study in a variety of fields within the education profession.

The Music Department also provides opportunities for all members of the Western community to gain rewarding musical experience as participants in ensembles. Many courses are offered to all students of the University to provide an awareness of music and its importance to all cultures. Free concerts by faculty, students, and guests are performed for the University and the Gunnison community.

Three Comprehensive Program Emphases are available for students who wish to major in music: Music Emphasis, Music Education Emphasis, and Business Emphasis. All programs require study in all areas of music—theory, basic keyboard skills, history and literature, individual and group performance, conducting, and research methods. The Music Education Emphasis includes additional methods and techniques courses designed to qualify students for music-teacher licensure in Colorado. Additional Education courses for the K-12 licensure are administered by the Education Program.

The Music Minor consists of theory and history courses and electives chosen from the offerings of the Music Department.

Western Colorado University is an accredited institutional member of the National Association of Schools of Music.

Program Goals

Develop competent musicians with the skills necessary to enter the music professions. Those goals are realized through the following goals/objectives. Graduates of the Music major program will gain experience and knowledge needed to:

- Perform proficiently with the voice or on an instrument as demonstrated through regular semester juries, freshman and sophomore barrier juries, recital hearings, senior recitals and piano proficiency.
- Develop proficiency in musicianship (knowledge and understanding of music history and music theory) demonstrated through oral presentations, written reports, theory placement exam, Pre-Test/Post Test exams in MUS 100 and Music Theory sequence.
- Explore their creative potential demonstrated through lessons, ensembles, compositions, papers/presentations in music history, improvisation, and projects in the music education sequence.
- Apply skills in technology, especially music technology.
- Share and communicate their musical knowledge and understanding with others through lessons, ensembles, studio class performances, student recitals, jury performances and at all public concerts.
- Enter a music or music-related profession.
- Enter graduate study in music.
- Music Comprehensive Major: K-12 Music Education Emphasis (https://catalog.western.edu/undergraduate/programs/music/music-comprehensive-k-12-music-education/)
- Music Comprehensive Major: K-12 Music Education Emphasis (with a 3+2 Master of Arts in Education) (https://catalog.western.edu/undergraduate/programs/music/music-comprehensive-k-12-music-education-3-2/)
- Music Minor (https://catalog.western.edu/undergraduate/programs/music/music-minor/)
- Music Technology Minor (https://catalog.western.edu/undergraduate/programs/music/music-technology-minor/)

Capstone Course Requirement

The following course in the Music Major fulfills the Capstone Course Requirement: MUS 400 Senior Recital / Senior Project.

Music Courses

MUS 000. Concert and Convocation Attendance. (0 Credits)

Designed to encourage concert and convocation attendance as a means of learning about music literature and style, performance practice, and topics of interest to musicians. Attending 75% of the posted events in each semester (as either listener or performer) qualifies as a 'Satisfactory' grade. Graded Satisfactory/Unsatisfactory only.

MUS 100. Fundamentals of Music (GT-AH1). (3 Credits)

An introduction to music literacy and theory. Students acquire basic skills of reading, writing, and performing music and gain an understanding of scales, intervals, chords, and transposition. The course is open to students with little or no musical background. GT-AH1

MUS 101. Orchesra. (1 Credit)

Open to all who play orchestral instruments and who wish to experience playing orchestral music. The course includes the study and performance of orchestral literature.

MUS 102. Symphonic Band. (1 Credit)

Open to all who play band instruments. The course includes the study and performance of symphonic band literature. Membership is open to Music majors and non-Music majors by audition.

MUS 103. Pep Band. (0.5 Credits)

Open to all who play band instruments, guitar, bass guitar, and piano. The course includes the study of popular music and performance at university athletic functions including football, basketball, and volleyball events.

MUS 104. Concert Choir. (1 Credit)

Open to anyone with singing experience. The Western Concert Choir studies and performs choral masterworks from all historical periods of music. Membership is open to Music majors and non-Music majors by audition.
MUS 105. Opera. (1 Credit)
Designed to provide experience in musical-dramatic activities. May be taken two times for credit. Prerequisite: admission by campus-wide audition.

MUS 120. Introduction to Music Education. (1 Credit)
An introductory course for the music major interested in music education K-12. This course provides students with an overview of the concepts, methods and techniques used in music education. Students learn the historical, philosophical, and practical conventions, of all areas of music education, including elementary music, choir orchestra, and band. Students examine different aspects involved in teaching music in public schools, goals of various music programs, and existing curricula including sample lesson plans. Included is an introduction to the Colorado standards for music education K-12 and technology used in music education. Prerequisite to the 300-level music education methods classes.

MUS 121. Instrumental and Vocal Chamber Music. (0.5-1 Credits)
Designed to give the student-musician rehearsal and performance experience in the area of ensemble and chamber music. Includes the Brass, Woodwind, Percussion, String, and Jazz Ensembles, as well as Chamber Singers, and additional small ensembles. Membership is open to Music majors and non-Music majors by audition. Credit is determined by the type of ensemble and amount of rehearsal time.

MUS 128. Theory of Music Laboratory I. (1 Credit)
Development of musicianship skills related to MUS 129. Students will study, sight read, and perform rhythms, melodies in major and minor keys, intervals, scales, and diatonic chord progressions. Students will also learn to take melodic, harmonic, and rhythmic dictation. (Offered spring) Prerequisite: MUS 100 or the equivalent. Corequisite: MUS 129.

MUS 129. Theory of Music I. (3 Credits)
A study of musical analysis, notation, and composition. This course concentrates on fundamentals such as major and minor scales, meter, rhythm, pitch intervals, key signatures, triads and inversions, chord building, harmonic progressions, figured bass interpretation, and voice leading. (Offered spring) Prerequisite: MUS 100 or the equivalent.

MUS 130. Theory of Music Laboratory II. (1 Credit)
Designed to enhance and build on the musical skills and knowledge learned in MUS 128 and MUS 129 and develop those areas of musicianship through voice performance and dictation. This course builds on knowledge of diatonic triads with the inclusion of inversions, 4-part harmonic contexts, and diatonic seventh chords. Sight singing exercises feature greater melodic leaps and syncopation. (Offered fall) Prerequisite: MUS 128 and MUS 129 with minimum grades of C. Corequisite: MUS 131.

MUS 131. Theory of Music II. (3 Credits)
A study of musical analysis, notation, and composition. This course builds on knowledge gained in MUS 128 and MUS 129 and introduces non-chord tones, diatonic seventh chords, small forms, and cadences. This course completes the comprehensive study of diatonic, common practice harmony. (Offered fall) Prerequisites: MUS 129 with minimum grade of C.

MUS 140. Introduction to Music (GT-AH1). (3 Credits)
A study of the elements of musical structure designed to form a basis for intelligent listening. Music is selected to illustrate representative styles of music from different historical periods and world cultures. Required of Music majors and minors during their freshman year. GT-AH1

MUS 173. Piano class. (1 Credit)
The first semester of a two-semester sequence in beginning piano designed for music majors and music minors who need the skills required to pass the piano proficiency exam. The sequence includes basic music reading at the piano, keyboard theory, and piano technique.

MUS 174. Piano Class. (1 Credit)
The second semester of a two-semester sequence in beginning piano designed for music majors and music minors who need skills required to pass the piano proficiency exam. Development of skills begun in MUS 173 prepares students for the piano proficiency exam as the final exam. Prerequisite: MUS 173 or assessment of equivalent skills.

MUS 180. Piano. (1-2 Credits)
Private instruction.

MUS 181. Organ. (1-2 Credits)
Private instruction. Prerequisite: at least four years of private piano study.

MUS 182. Voice. (1-2 Credits)
Private instruction.

MUS 183. Violin. (1-2 Credits)
Private instruction.

MUS 184. Viola. (1-2 Credits)
Private instruction.

MUS 185. Cello. (1-2 Credits)
Private instruction.

MUS 186. Contra Bass. (1-2 Credits)
Private instruction.

MUS 187. Flute. (1-2 Credits)
Private instruction.

MUS 188. Oboe. (1-2 Credits)
Private instruction.

MUS 189. Clarinet. (1-2 Credits)
Private instruction.

MUS 190. Bassoon. (1-2 Credits)
Private instruction.

MUS 191. Saxophone. (1-2 Credits)
Private instruction.

MUS 192. Trumpet. (1-2 Credits)
Private instruction.

MUS 193. French Horn. (1-2 Credits)
Private instruction.

MUS 194. Trombone. (1-2 Credits)
Private instruction.

MUS 195. Baritone. (1-2 Credits)
Private instruction.

MUS 196. Tuba-Private Lessons. (1-2 Credits)
Private instruction.

MUS 197. Special Topics. (1-6 Credits)

MUS 198. Percussion. (1-2 Credits)
Private instruction.
MUS 212. Introduction to Music Technology. (1 Credit)
Designed to acquaint students with music technology hardware (including MIDI-Musical Instrument Digital Interface) and a variety of software programs to enhance learning, teaching, and performing situations at all ages and levels. Students have the opportunity to work with available equipment. Offered in alternate years (Fall 2013). Prerequisite: MUS 100 or MUS 129 with a minimum grade of C or instructor permission.

MUS 213. Woodwind Methods (with laboratory). (1 Credit)
Designed to cover basic performing skills and teaching techniques for all woodwind instruments. Emphasis is on application in the elementary, middle, and secondary schools. Offered in alternate years (spring 2010).

MUS 214. Brass Methods (with laboratory). (1 Credit)
Designed to cover basic performing skills and teaching techniques for all brass instruments. Emphasis is on application in the elementary, middle, and secondary schools. Offered in alternate years (fall 2009).

MUS 215. String Methods (with laboratory). (1 Credit)
Instruction in violin, viola, violoncello and bass for the Music Education student. Emphasis is on application in the elementary, middle, and secondary schools. Offered in alternate years (fall of even years).

MUS 216. Percussion Methods (with laboratory). (1 Credit)
An introduction to the basic percussion instruments with special attention given to standard and contemporary performance techniques and sound production. Emphasis is on application in the elementary, middle, and secondary schools. Offered in alternate years (fall 2014).

MUS 217. Voice Methods. (1 Credit)
A study of tone production, breathing as applied to singing, attack and release, muscular control, posture, and vocal health. Special exercises adapted to individual needs of pupils and simple English songs are sung in the class. Emphasis is on basic skills and techniques for use with young voices in the elementary, middle, and secondary schools. Offered in alternate years (spring of odd years).

MUS 240. Perspective in Music: Jazz History/Music Media/Women in Music/other selected topics. (3 Credits)
A study of a specific perspective or repertory of music and its relationship to other aspects of musical culture. Historical, sociological, and multicultural influences and implications, are also considered. The course may be taken two times (with different titles) for credit.

MUS 242. History of Jazz. (3 Credits)
A study of the history and development of jazz and its impact on American Culture. An emphasis is placed on contributions of individuals that altered not only the popularity of jazz, but influenced American society. The course provides an understanding of musical structure, improvisation, instrumental techniques and the impact of jazz on other musical styles and genres.

MUS 245. History of Rock and Roll. (3 Credits)
An introductory course emphasizing the history and development of Rock and Roll music. The growth and development of major historical periods of rock music and related styles will be explored through the study of historical, social, political and cultural influence. Music is selected to illustrate representative styles of music from different historical periods of Rock music and culture.

MUS 250. Beginning Conducting: Choral and Instrumental. (2 Credits)
A study of the basic techniques of conducting, score reading, beat patterns, rehearsal procedures, and style in the instrumental and vocal media. Emphasis is placed on physical exercises, coordination, and the development of fundamental baton techniques. Students conduct in class and observe rehearsal situations with the College ensembles. Offered in alternate even numbered years (fall term). Prerequisites: MUS 130 and MUS 131 with minimum grades of C.

MUS 253. Theory of Music Laboratory III. (1 Credit)
Designed to enhance and build on the musical skills and knowledge learned in MUS 130 and MUS 131 and develop those areas of musicianship through voice performance and dictation. Studies incorporate modulation using diatonic chords, modal mixture, chromaticism, and secondary dominants. Chromatic solfege is featured in melodic sight singing. (Offered Spring) Prerequisites: MUS 130 and MUS 131 with minimum grades of C. Corequisite: MUS 254.

MUS 254. Theory of Music III. (3 Credits)
A study of musical analysis, notation, and composition. This course builds on knowledge gained in MUS 130 and MUS 131 and introduces secondary dominants, modulation, chromaticism, extension of tertian harmony, and larger form structures. (Offered Spring) Prerequisites: MUS 130 and MUS 131 with minimum grades of C. Corequisite: MUS 253.

MUS 255. Theory of Music Laboratory IV. (1 Credit)
Designed to enhance and build on the musical skills and knowledge learned in MUS 253 and MUS 254 and develop those areas of musicianship through voice performance and dictation. This course focuses on compositional practices of the twentieth century and includes modal melodic dictation, rhythmic dictation and sight singing with changing meters, and atonal sight singing. (Offered Fall) Prerequisites: MUS 253 and MUS 254 with minimum grades of C. Corequisite: MUS 256.

MUS 256. Theory of Music IV. (3 Credits)
A study of musical analysis, notation, and composition. This course introduces styles and techniques associated with twentieth century composition. Studies include impressionism, set theory, serialism, post-1945 serialism, neotonalism, minimalism, and transformational languages. (Offered Fall) Prerequisites: MUS 253 and MUS 254 with minimum grades of C. Corequisite: MUS 255.

MUS 285. Pedagogy for the Applied Instrument or Voice. (2 Credits)
The student becomes acquainted with the methods and materials to be used in the teaching of music students, in both private and class situations.

MUS 290. Introduction to Improvisation. (1 Credit)
An introduction to improvisation for singers and instrumentalists including improvisational experiences in a variety of styles (jazz, classical, and other), integration of music theory with improvisation, and methods of teaching improvisation. Required of majors in the Music Education Emphasis. Offered in alternate years (spring 2010). Prerequisites: MUS 130 and MUS 131 with a minimum grades of C, or instructor permission.

MUS 292. Independent Study. (1-4 Credits)
Open to all who play orchestral instruments and who wish to experience playing orchestral music. The course includes the study and performance of orchestral literature. Prerequisites: junior or senior standing; minimum of one semester of MUS 101; instructor permission.
MUS 302. Symphonic Band. (0.5,1 Credits)
Open to all who play band instruments. The course includes the study and performance of symphonic band literature. Membership is open to Music majors and non-Music majors by audition. Prerequisites: junior or senior standing; minimum of one semester of MUS 102; instructor permission.

MUS 303. Pep Band. (0.5 Credits)
Open to all who play band instruments, guitar, bass guitar, and piano. The course includes the study of popular music and performance at university athletic functions including football, basketball, and volleyball events. Prerequisites: junior or senior standing; minimum of one semester of MUS 103; instructor permission.

MUS 304. Concert Choir. (1 Credit)
Open to anyone with singing experience. The Western Concert Choir studies and performs choral masterworks from all historical periods of music. Membership is open to Music majors and non-Music majors by audition. Prerequisites: junior or senior standing; minimum of one semester of MUS 104; instructor permission.

MUS 305. Opera. (1 Credit)
Designed to provide experience in musical-dramatic activities. May be taken two times for credit. Prerequisites: admission by campus-wide audition; junior or senior standing; minimum of one semester of MUS 105; instructor permission.

MUS 306. Piano Ensemble. (1 Credit)
Designed to acquaint the piano student with ensemble repertoire and performance traditions. Prerequisite: four credits of piano private study or equivalent performance background.

MUS 311. Principles and Techniques of Composition. (3 Credits)
A study of the basic principles of composition. Harmonic, contrapuntal, and formal structures of various stylistic periods are employed. Prerequisites: MUS 255 and MUS 256 with minimum grades of C.

MUS 313. Music Production. (3 Credits)
An introduction to current production software designed to give students experience utilizing digital audio recording techniques and electronic sequencers. Students utilize sequencing and sound design software to create electronic music, demonstrate signal flow analysis using real and virtual hardware, understand and demonstrate a variety of microphone-based recording techniques, and create projects using a digital audio workstation. Prerequisite: MUS 131 with a minimum grade of C.

MUS 320. Scoring. (2 Credits)
A study of techniques of arranging for instrumental and vocal ensembles. Prerequisite: MUS 256 with minimum grade of C.

MUS 321. Instrumental and Vocal Chamber Music. (0.5-1 Credits)
Designed to give the student-musician rehearsal and performance experience in the area of ensemble and chamber music. Includes the Brass, Woodwind, Percussion, String, and Jazz Ensembles, as well as Chamber Singers and additional small ensembles. Membership is open to Music Majors and non-Music Majors by audition. Credit is determined by the type of ensemble and amount of rehearsal time. Prerequisites: junior or senior standing; minimum of one semester of MUS 121; instructor permission.

MUS 350. Advanced Conducting: Choral and Instrumental. (2 Credits)
A study of advanced techniques of conducting, score reading, musical style, materials, and repertoire in the instrumental and vocal media. Emphasis is placed on physical exercises and coordination of the mind and hands, as well as musical terms necessary for proper interpretation of musical scores. Students conduct in both class and laboratory situations with College ensembles. Offered in alternate years (spring 2015). Prerequisites: MUS 250 with minimum grade of C.

MUS 352. History of Music I: Ancient to Baroque. (3 Credits)
A study of the development of music from Ancient Greece to the Medieval, Renaissance, and Baroque eras. Emphasis is placed on acquaintance with the music literature of successive periods. Prerequisites: Music Major or Minor status; MUS 140.

MUS 353. History of Music II: Classical to Modern. (3 Credits)
A study of the development of music from the Classic and Romantic eras to the present. Emphasis is placed on acquaintance with the music literature of successive periods. Prerequisites: Music Major or Minor status; MUS 140.

MUS 355. Counterpoint. (2 Credits)
A study of contrapuntal techniques necessary to compose polyphonic music in two, three, four, or more parts. Prerequisites: MUS 255 and MUS 256 with minimum grades of C.

MUS 360. Teaching General Music in Elementary Schools. (2 Credits)
A study of the teaching of general music, working with children's voices, using instruments, and developing listening skills. Current approaches such as Dalcroze, Orff, Kodaly, and Suzuki are also addressed. Students survey elementary music texts and learn how to develop and plan a music program. Offered in alternate years (spring 2015). Prerequisites: MUS 120 and MUS 250 with a minimum grade of C.

MUS 365. Methods and Philosophy of Teaching and Supervising Instrumental Music in the Public Schools: K-12. (2 Credits)
A study of the supervision, organization, and administration of instrumental music in the public schools, K-12, providing background and experience with the philosophical, historical, and practical foundation of instrumental music in the public schools. Emphasis is placed upon contemporary methodology, all aspects of teaching and conducting activities in instrumental music, comprehensive musicianship through performance, and preparation for student teaching. Offered in alternate years (fall 2014). Prerequisites: MUS 250 with a minimum grade of C.

MUS 370. Methods and Philosophy of Teaching and Supervising Vocal Music in the Public Schools: K-12. (2 Credits)
An intensive study of materials and methods for teaching vocal and general music in the elementary and secondary school, plus objectives, organization, administration, curriculum content, guidance for student teachers, and background in contemporary trends in music education for all age levels, K-12. Offered in alternate years (spring 2015). Prerequisites: MUS 120 and 250 with a minimum grade of C.

MUS 380. Piano. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 180; instructor permission.

MUS 381. Organ. (1-2 Credits)
Private instruction. Prerequisite: at least four years of piano study; junior or senior standing; minimum of one semester of MUS 181; instructor permission.

MUS 382. Voice. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 182; instructor permission.
Music (MUS)

MUS 383. Violin. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 183; instructor permission.

MUS 384. Viola. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 184; instructor permission.

MUS 385. Cello. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 185; instructor permission.

MUS 386. Contra Bass. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 186; instructor permission.

MUS 387. Flute. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 187; instructor permission.

MUS 388. Oboe. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 188; instructor permission.

MUS 389. Clarinet. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 189; instructor permission.

MUS 390. Bassoon. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 190; instructor permission.

MUS 391. Saxophone. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 191; instructor permission.

MUS 392. Trumpet. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 192; instructor permission.

MUS 393. French Horn. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 193; instructor permission.

MUS 394. Trombone. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 194; instructor permission.

MUS 395. Baritone. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 195; instructor permission.

MUS 396. Tuba. (1-2 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 196; instructor permission.

MUS 397. Special Topics. (1-6 Credits)
Private instruction. Prerequisites: junior or senior standing; minimum of one semester of MUS 198; instructor permission.

MUS 400. Senior Recital / Senior Project. (2 Credits)
Students demonstrate competency in an area of performance, research, composition, or music technology. Senior projects may include a research project, composition, music technology project, or internship. Prerequisite: senior standing and consent of faculty advisor.

MUS 412. Music Technology II. (3 Credits)
Designed to extend participants knowledge of live sound reinforcement in multiple scenarios, acoustics, analog mixing, digital mixing, use of DI boxes, live effects, electro-acoustic performing, commissioning composers, equipment selection, foley, sound design, user-end music licensing, sampling, video editing, and synchronization. Prerequisite: MUS 212 with a minimum grade of C or instructor permission.

MUS 413. Music Production II. (3 Credits)
Designed to extend participants knowledge of advanced studio recording techniques, audio-over-IP signal chain, monitor mixing, multi-track recording, use of studio spaces and isolation rooms, audio editing, effects, sampling, mixing, mastering, concert recording, and the use of digital audio workstations for the complete lifecycle of music production. Additional topics of study include music distribution, creator-side music licensing, live streaming, podcasting, and electronic / electro-acoustic composition. Prerequisite: MUS 212 with a minimum grade of C or instructor permission.

MUS 424. Band Literature. (2 Credits)
A study and analysis of the literature available to the concert band and the various types of large wind ensembles.

MUS 426. Literature for the Applied Instrument or Voice. (2 Credits)
An historical study of the standard repertoire for the applied instrument or voice.

MUS 429. Diction for Singers. (2 Credits)
A basic course in Italian, German, and French diction designed for voice students. Foreign language diction are studied in selected vocal repertoire.

MUS 488. Composition. (3 Credits)
Students write original compositions for solo or ensemble performing media.

MUS 490. Workshop in Music. (1-6 Credits)
A study of topics related to music study suitable for workshop format. Includes discussion, practice, and demonstration.

MUS 492. Independent Study. (1-4 Credits)
A special study in areas of student interest. May be taken for a maximum of four credits.

MUS 497. Special Topics. (1-6 Credits)

MUS 499. Internship in Music. (1-12 Credits)
An internship may be arranged in this course. Credit earned in this course may be applied to the major or minor with faculty approval. Consult advisor for details.