

**Crane School of Music Course Descriptions**

Note: 600 level courses not listed in this catalog.

@ = Indicates a non-liberal arts course. Please refer to page XX for a description of non-liberal arts credits.

Courses are offered each semester unless otherwise designated.

**Music Course Subject Codes**

MUCB	Basic Musicianship Sequence courses for Crane students (music majors) only
MUAC	Music-related technical courses for all students of the College
MUCC	Technical/Professional courses for Crane students (music majors) only
MUCE	Music education courses for Crane students (music majors) only
MUAH	Music history and literature courses for all students of the College
MUCH	Music history and literature courses for Crane students (music majors) only
MULH	Music history and literature for students majoring in disciplines other than music
MUAI	Music business courses for all students of the College
MUAP	Performance courses for all students of the College
MUCP	Performance-related courses for Crane students (music majors) only
MULP	Performance courses for students majoring in disciplines other than music
MUCR	Music research courses and projects for Crane students (music majors) only
MUCS	Studio/Performance concentration for Crane students (music majors) only
MUCT	Music theory and composition courses for Crane students (music majors) only
MULT	Music theory for students majoring in disciplines other than music

MU\_\_ 195, 295, 395, 495 – Special Topics (1-12)

MU\_\_ 198, 298, 398, 498 – Tutorial (1-3)

**Technical/Professional Courses (Music Majors Only)**

**MUCC 101 – @Oboe Reed Making (1)** An overview of oboe reed making with an emphasis on the skills and techniques necessary to independently make oboe reeds. May be repeated for credit. Fall & Spring.

**MUCC 102 – @Bassoon Reed Making (1)** This course is designed to develop skills in bassoon reed making. May be repeated for credit. Fall & Spring.

**MUCC 123 – @Trumpet Techniques (.5)** Intended for future music educators. Students learn to play and teach trumpet for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall and Spring.

**MUCC 124 – @Horn Techniques (.5)** For Music Education Majors. Students will learn to explain and demonstrate the fundamentals of playing the horn, and accurately use pedagogical techniques and materials for teaching horn in the public schools. Fall and Spring.

**MUCC 125 – @Trombone Techniques (.5)** Intended for future music educators. Students learn to play and teach trombone for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall and Spring.

**MUCC 126 – @Tuba Techniques (.5)** Intended for future music educators. Students learn to play and teach tuba for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall and Spring.

**MUCC 141 – @Violin Playing (.5)** Intended for future music educators. Students learn to play violin for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall & Spring.

**MUCC 142 – @Viola Playing (.5)** Intended for future music educators. Students learn to play viola for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall & Spring.

**MUCC 143 – @Cello Playing (.5)** Intended for future music educators. Students learn to play cello for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall & Spring.

**MUCC 144 – @Bass Playing (.5)** Intended for future music educators. Students learn to play string bass for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall & Spring.

**MUCC 161 – @Flute Techniques (.5)** Intended for future music educators. Students learn to play and teach flute for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall & Spring.

**MUCC 162 – @Oboe Techniques (.5)** Intended for future music educators. Students learn to play and teach oboe for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall & Spring.

**MUCC 163 – @Clarinet Techniques (.5)** Intended for future music educators. Students learn to play and teach clarinet for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall & Spring.

**MUCC 164 – @Saxophone Techniques (.5)** This course will focus on how to teach the saxophone through discussions on fundamentals, equipment, and study material. Students will also learn trouble shooting techniques for common problems that arise with young saxophone students. Students will learn how to play the saxophone on a fundamental level. Fall & Spring.

**MUCC 165 – @Bassoon Techniques (.5)** Intended for future music educators. Students will learn to play all chromatic pitches Bb1 up through F4. Students will also explore the fundamental techniques needed for proper tone production and articulation and will create materials for addressing these techniques in the classroom. Majors. Fall & Spring.

**MUCC 200 – @Guitar Techniques (1)** Intended for future music educators. Students learn to play and teach guitar for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall, even years.

**MUCC 201 – @Functional Keyboard–Choral/General Music I (1)** This course provides students with sufficient functional skills to use the piano proficiently in various teaching and performance situations. Prerequisite: MUCB 102. Fall.

**MUCC 202 – @Functional Keyboard–Choral/General Music II (1)** This course provides students with sufficient functional skills to use the piano proficiently in various teaching and performance situations. Prerequisite: MUCC 201. Spring.

**MUCC 203 – @Functional Keyboard–Band/Orchestra I (1)** This course provides students with sufficient functional skills to use the piano proficiently in various teaching and performance situations. Prerequisite: MUCB 102. Fall.

**MUCC 204 – @Functional Keyboard–Band/Orchestra II (1)** This course provides students with sufficient functional skills to use the piano proficiently in various teaching and performance situations. Prerequisite: MUCC 203. Spring.

**MUCC 241 – @Violin Teaching (.5)** Intended for future music educators. Students learn to teach violin for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Prerequisite MUCC 141 or violin as primary instrument. Fall & Spring.

**MUCC 242 – @Viola Teaching (.5)** Intended for future music educators. Students learn to teach viola for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Prerequisite MUCC 142 or viola as primary instrument. Fall & Spring.

**MUCC 243 – @Cello Teaching (.5)** Intended for future music educators. Students learn to teach cello for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Prerequisite MUCC 143 or cello as primary instrument. Fall & Spring.

**MUCC 244 – @Bass Teaching (.5)** Intended for future music educators. Students learn to play string bass for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Prerequisite MUCC 144 or bass as primary instrument. Fall & Spring.

**MUCC 301 – @Functional Keyboard–Choral/General Music III (1)** This course provides students with sufficient functional skills to use the piano proficiently in various teaching and performance situations. Prerequisite: MUCC 202. Fall.

**MUCC 302 – @Functional Keyboard–Choral/General Music IV (1)** This course provides students with sufficient functional skills to use the piano proficiently in various teaching and performance situations. Prerequisite: MUCC 301. Spring.

**MUCC 303 – @Functional Keyboard–Piano (1)** This course provides students with functional skills needed to use the piano effectively in various public school and piano teaching situations, to broaden students' ability to apply theoretical concepts to keyboard playing, and to improve students' keyboard sight reading skills. Fall.

**MUCC 330 – @Percussion Techniques (1)** Intended for future music educators. Students learn to play and teach percussion instruments for instruction in public school with an emphasis on teaching and demonstration for group lessons. For Music Education Majors. Fall & Spring.

**MUCC 340 – @Band Techniques (1)** Prerequisite: MUCE 306. Fall & Spring.

**MUCC 341 – @Choral Techniques (1)** Techniques for teaching K-12 choir for Crane students whose performing emphasis is instrumental (not vocal/choral).teaching and demonstration for group lessons. Prerequisite: MUCE 306. Fall & Spring.

**MUCC 342 – @Orchestra Techniques (1)** Prerequisite: MUCE 306. Fall & Spring.

**MUCC 350 – @Vocal Techniques I (1)** This course examines the anatomical and physiological components of healthy vocal production. The students will identify, analyze and discuss the basic mechanics of the singing voice, as it pertains to healthy vocal techniques, vocalizes, body & breathing awareness, tone production and word formation. The students will discuss, experience and perform appropriate solo & choral repertoire with musical maturity, clear diction, style, and artistic communication. As this course is designed for future music educators, the students will also identify and discuss methods for teaching all learned concepts in both applied voice and choral settings. Fall.

**MUCC 351 – @Vocal Techniques II (1)** This course is a continuation of the examination of the fundamentals of healthy vocal production introduced in Vocal Techniques I. The students will also continue to explore a variety of approaches to teaching healthy, efficient vocal production in choral and applied settings, with its major focus on K-12 education. Prerequisite: MUCC 350. Spring.

**MUCC 370 – @Harp Techniques (1)** Technique for pedal and non-pedal harps. Enrollment by permission of instructor only. As warranted.

**MUCC 420 – @Jazz Techniques (2)** Survey of pedagogical sources and techniques for the prospective teacher of jazz. Large and small ensemble rehearsal techniques, literature, and educational publications are discussed. Prerequisite: MUCB 105. Fall, odd years.

### Music Education Courses (Music Majors Only)

**MUCE 140 – @String Seminar (.5)** The first course in the string music education sequence focusing on the principles of string playing and setting a vision for string study. Other topics include issues in performance, essential string repertoire, resources for the string player, and the expectations and components of the string education program. Orchestra track only. Required for freshman string music education majors; open to all string majors. Fall.

**MUCE 205 – @Principles of Music Education (3)** Introduction and topical discussion of the foundations and principles of music education. Emphasis is placed on developing a personal view of teaching, surveying educational history and philosophy, understanding current education contexts, describing the status of contemporary children, interpreting classroom learning theories, establishing successful classroom environments, teaching lessons in today's classrooms, outlining school organization and leaderships, examining schools and their partners. Topic understanding is facilitated by student special interest groups and field-based experiences and activities that are faculty guided. Fall & Spring.

**MUCE 210 – @Workshops in Music Education (.5)** As warranted.

**MUCE 211 – @Classroom Instruments (2)** The purpose of this course is to acquaint each student with a variety of instructional approaches, materials, and activities for using classroom instruments in the general music program. Topics will include the developmental sequence for playing instruments, rhythm instruments, simple

melody instruments, harmony (accompanying) instruments, assessment of playing instruments, and composition and improvisation using classroom instruments. As warranted.

**MUCE 306 – @Music Teaching and Learning I (3)** Research and study of the social music thinking process with application of pedagogical principles to achieving musical goals across diverse educational contexts. Emphasis is given to projects focused on researching content and pedagogical knowledge needed for (a) instructional design aimed at early, middle, and late childhood learners; (b) curricular and cultural concerns related to teaching and learning; and (c) developmental issues related to student achievement and musical learning. Fall & Spring.

**MUCE 307 – @Practicum in Elementary General Music (1)** This course is designed to acquaint students with the professional world of music education while providing teaching experiences. Emphasis is placed on developing teacher competencies in planning, organizing, evaluating, and teaching with elementary students.

**MUCE 314 – @Suzuki Teaching Principles (3)** This course introduces students to Shinichi Suzuki's educational philosophy and educational system, and applies it to various teaching situations. Spring.

**MUCE 316 – @Music Teaching and Learning II (3)** Fall & Spring.

**MUCE 318 – @Practicum in General Music II (1-3)** As warranted.

**MUCE 334 – @Practicum in Elementary Choir (1)** This course provides the undergraduate choral music education student the opportunity to conduct and rehearse young artists in a choral context. Students will gain practical understanding of the developing child's voice as they observe, study, rehearse, conduct, and perform a wide variety of choral literature for children's voices. Prerequisite: MUCE 338. Fall & Spring.

**MUCE 335 – @Wind Practices–Elementary (2)** Development of the skills and understandings to organize and direct an elementary wind band program in a comprehensive and effective manner. Primary focus on instructional procedures and strategies for teaching the private/small group lesson and full band rehearsal, elementary wind band literature and related instructional materials, curriculum development and assessment, and administrative tasks associated with the elementary band program. Prerequisite: MUCP 309. Fall & Spring.

**MUCE 336 – @Practicum in Teaching Beginning Instruments (1-5)** Development of the organizational, pedagogical and administrative skills to operate and direct a school band program. Topics include curriculum planning, rehearsal and lesson strategies, recruiting procedures, scheduling, programming, repertoire and student evaluation. Focuses on elementary methods and practices. Fall & Spring.

**MUCE 337 – @Wind Practices–Secondary (2)** Development of the skills and understandings to organize and direct a secondary wind band program in a comprehensive and effective manner. Primary focus on instructional procedures and strategies for teaching in the middle school/high school band rehearsal, the systematic development of performance and non-performance skills, secondary wind band literature and related materials, curriculum development and assessment, and administrative tasks associated with the secondary band program. Prerequisite: MUCP 309. Fall & Spring.

**MUCE 338 – @Choral Practices–Elementary/Middle School (2)** This course develops students' musical and teaching competencies to effectively teach in elementary and middle school vocal music programs. Students engage in a variety of learning experiences including reading, analyzing, presenting, collaborating, peer teaching, reflecting, and researching, plus they are provided with opportunities to observe/participate in a public school middle school chorus. Prerequisite: MUCP 309. It is recommended that students co-register for MUCE 334. Fall & Spring.

**MUCE 339 – @Choral Practices–Secondary/Adult (2)** Development of practical knowledge, skills, and understanding to organized and direct a middle school/high school band program. Focus on rehearsal techniques and strategies, the impact of state learning standards on the band curriculum, secondary wind band repertoire, and miscellaneous administrative tasks associated with the secondary instrumental music program. Prerequisite: MUCP 309. Fall & Spring.

**MUCE 340 – @String Practices: Elementary (2)** Focus on practical organization and development of public school string organizations. Topics include curriculum planning, rehearsal and lesson strategies, recruiting procedures, scheduling, programming, repertoire, and student evaluation. Course emphasizes elementary methods and practices. Fall.

**MUCE 341 – @String Practices: Secondary (2)** Focus on practical organization and development of public school string organizations. (See MUCE 340). Course emphasizes secondary methods and practices. Spring.

**MUCE 342 – @Practicum in String Teaching (1)** Focus on practical organization and development of public school string organizations. Topics include curriculum planning, rehearsal and lesson strategies, recruiting procedures, scheduling, programming, repertoire, and student evaluation. Course emphasizes elementary methods and practices. Fall & Spring.

**MUCE 345 – Introduction to Music Therapy (3)** Examines the historical context and theoretical premises of music therapy, populations served by music therapists, the relationship between music education and music therapy, music therapy in special education, professional issues in music therapy, and the role of research. Fall and Spring.

**MUCE 378 – @National String Project (1-2)** Students will experience the role of lead teacher for several hours per week, guiding the learning of community string students who participate in the National String Project. Supervising faculty work one-on-one to help these developing educators in the planning, teaching, and reflection processes. Prerequisite: MUCE 340. Fall & Spring.

**MUCE 410 – @Music Education in Early Childhood (3)** This course is designed to help students develop ways of thinking about teaching and learning that will serve students throughout their career as music educators. Specifically, students will develop skills and techniques essential for planning delivering, and evaluation general music instruction for young children in ages Pre-2. Students will become familiar with the philosophical, physiological and pedagogical foundations for general music education in early childhood. Fall & Spring.

**MUCE 417 – @Teaching Opera to Children (3)** New York State boasts a rich heritage of opera from the Metropolitan, to Lake George, and Glimmerglass. Opera incorporates all of the performing and visual arts, as well as many other disciplines. Opera belongs in the music education curriculum because of its intrinsic social value as well as its conceptual and pragmatic connections across the academic disciplines. Prerequisite: MUCE 306. As warranted.

**MUCE 418 – @Direction Musical Theatre (3)** Directing Music Theater is a course designed to explore the processes of directing musical theater for the stage. The major points of exploration will be: interpretation and analysis of form, concept development, script/score analysis, musical theater singing and instrumental considerations, basic stagecraft and directing as related to music theater and production management within an educational setting. This course may be particularly helpful to music and theater education majors who are typically charged with directing musical theater productions. You do not need to have previous directing experience, but having some aspect of participating in musical theater beyond a singer/actor/dancer will be helpful. Prerequisite: Sophomore standing. As warranted.

**MUCE 431 – @String Pedagogy (3)** Advanced shifting, vibrato and bowing techniques. Materials for advanced classes and individual instruction employing the concepts of Suzuki, Galamian, Havas and Rolland. Prerequisites: MUCC 340, 341 & permission. As warranted.

**MUCE 435 – @Orff/Kodaly Techniques and Materials (3)** Music education principles and practices developed in Germany by Carl Orff and in Hungary by Zoltan Kodaly. Prerequisite: MUCE 201. As warranted. As warranted.

**MUCE 445 – @Special Education Music (3)** Planning music objectives and activities in special education programs for children who are mentally retarded, behavior disordered, or who have learning disabilities or speech impairments. Adaptation of standard materials and techniques and use of music to teach basic skills and concepts. Practical experience provided. Prerequisite: MUCE 306. Fall & Spring.

**MUCE 446 – @Practicum in Special Music Education (1-2)** Advanced course for music education majors with concentration or high degree of interest in special music education. Weekly music planning and teaching experience with classes of special learners. Prerequisites: MUCE 445 or 447. Fall & Spring.

**MUCE 447 – @Strategies for Teaching Music in the Self-Contained Special Education Classroom (3)** is a three-semester hour course designed to acquaint music education students with planning music goals, objectives and activities in self-contained special education programs for children with a variety of disabilities including mental

retardation, physical handicaps, autism, behavior disorders, learning disabilities, speech impairments and multiple disabilities. Adaptation of standard materials and techniques and use of music to teach basic skills and concepts will be discussed. Readings, music activities and originally designed materials are part of this class. Prerequisite: MUCE 306. Fall & Spring.

**MUCE 448 – @Psychology of Music (3)** Examination of the psychoacoustic parameters of music; the perception of melody, harmony, rhythm and form; affective responses to music; musical preference and ability; neuro-physiology and musical behavior; learning theory and music; functional music; and measurements and evaluation of musical behavior. An introduction to basic research methods is included. As warranted.

**MUCE 450 – @Global Music Education (3)** The purpose of this class course is to provide a theoretical, practical and analytical frame work for understanding global music education. Teaching strategies that acknowledge and make constructive use of cultural diversity will be examined. Format of this course will include a combination of lecture, discussion, workshop activities, and student presentation. As warranted.

**MUCE 451 – @Music Teachers and the Law (3)** The purpose of this course is to equip each student with a basic understanding of current educational law. Topics will include the legal frameworks affecting public schools students' constitutional rights, individuals with disabilities, teachers' legal rights and teacher and school district liability. As warranted.

**MUCE 456 – @Practicum in Early Childhood Music (1)** Students interact directly with preschool children, providing musical experiences that engage the children in singing, moving, and exploring a variety of age-appropriate musical instruments. Prerequisite: MUCE 306. As warranted.

**MUCE 460 – @Piano Pedagogy and Practicum I (3)** Introduction to the field of piano pedagogy with an emphasis on teaching beginning piano students. Course topics include career opportunities in piano teaching, managing an independent studio, survey of average-age beginning piano methods and repertoire, techniques of group and private piano teaching for beginners, technique and musicianship skills for elementary students, preparing students for recitals, technological resources for piano teachers, and the application of learning theories to piano teaching. Students gain supervised group and private teaching experience for elementary and/or intermediate students. Fall.

**MUCE 461 – @Piano Pedagogy and Practicum II (3)** Emphasis in teaching intermediate piano students. Course topics include survey of intermediate-level piano and duet repertoire and materials, writing lesson plans and assignments for the intermediate student, teaching repertoire, technique, and musicianship skills, preparing students for competitions, teaching transfer students, and resources for piano teachers. Students gain supervised group and private teaching experience for elementary and/or intermediate students. Prerequisite: MUCE 460. Spring.

**MUCE 462 – @Piano Pedagogy and Practicum III (3)** Teaching adult students, early-age students, group piano, and late intermediate to advanced students. Course topics include survey of standard repertoire and materials for late intermediate and advanced students, survey of group piano methods, group teaching techniques, adult and senior citizen methods and teaching strategies, early-age methods, materials, and teaching strategies, teaching master classes, adjudicating competitions and festivals, and directed readings in education and piano pedagogy. Students gain supervised group and private teaching experience for adult students. Prerequisite: MUCE 461. Fall.

**MUCE 467 – @Student Teaching in Music. (1-15)** Fall & Spring.

**MUCE 477 – @Senior Seminar in Music Education (3)**

**MUCE 480 – @Guitar Pedagogy (3)** The art and science of teaching as it applies to the guitar. Students will explore strategies for teaching both studio and class guitar, and will obtain a working knowledge of commercially available method books. Students will also become acquainted with the business aspects of teaching, including job hunting, bookkeeping, tax law, and copyright law. As warranted.

**MUCE 501 – @Curriculum Development in the School Music Program (3)** Examination of the systematic process of program development. Focus upon the development of general goals, program objectives, and instructional objectives, as well as the design and sequence of musical experiences and materials. Final project involves

the development of a program for a specific course of study; school music teachers are encouraged to gear projects toward their own specific teaching situations. As warranted.

**MUCE 503 – @Music Teachers and The Law (3)** The purpose of this course is to equip each student with a basic understanding of current educational law. Topics will include the legal frameworks affecting public schools, students' constitutional rights, individuals with disabilities, teachers' legal rights and teacher and school district liability. Broad legal concepts such as separation of church and state, freedom of expression, search and seizure, due process, equal protection, discrimination, and tenure and dismissal will be examined through constitutional law, statutes, case law and commissioner's decisions. Fall and Spring.

**MUCE 505 – @Action Research for Music Educators (3)** This course is designed to help school band directors, choir directors, and music teachers learn user-friendly action research techniques to find answers to nagging problems that plague their music programs. Techniques will be applied during the course in a mini research project. As warranted.

**MUCE 508 – @Advanced Woodwind Techniques (3)** Performance on each of the primary woodwind instruments - flute, oboe, bassoon, clarinet, alto saxophone. Discussion of pedagogical issues and survey of instructional materials for the school instrumental music teacher. Students should bring a supply of reeds; instruments will be provided. As warranted.

**MUCE 509 – @Advanced Brass Techniques (3)** Performance on each of the primary brass instruments - trumpet, horn, trombone, euphonium, tuba. Discussion of pedagogical issues and survey of instructional materials for the school instrumental music teacher. Instruments will be provided. As warranted.

**MUCE 520 – @Topics in Music Technology (3)** A seminar exploring computer, MIDI and Multimedia technology as it might be applied in a music education setting. The hands-on sessions in the Crane MIDI Lab will include the following: use of generic office software for managing classroom records, tasks and class presentations; MIDI sequencing and auto-accompaniment generating software, and possible uses in music education; utilization of music notation software; introduction to multimedia programming for creating interactive classroom materials; and accessing and creating simple documents for the musical World Wide Web. Although prior knowledge of computer/MIDI technology will be helpful, it is not required. Spring.

**MUCE 523 – @Advanced Issues in Music Education (3)** Examination of critical issues which impact music in the schools, including curriculum development, the use of technology in the music class, multicultural music, and classroom management skills. Students will have an opportunity to evaluate instructional techniques and develop program goals for their particular teaching situation. As warranted.

**MUCE 524 – @Rehearsal Techniques and Repertoire for the Instrumental Ensemble (3)** Examination of methods and materials for the development of the school band or orchestra program. Areas of concentration include score study and analysis, rehearsal procedures, and repertoire. As warranted.

**MUCE 533 – @Band Instrument Maintenance for Wind Educators (3)** This course will permit the band educator to gain experience in diagnosing and correcting common mechanical problems of wind instruments in a "hands-on" setting, and will cover woodwinds and brass. Percussion maintenance will be covered as well, with special attention given to head replacement and drum tuning. As warranted.

**MUCE 534 – @School String Fleet Maintenance for String Educators (3)** This course combines lecture, demonstration, and hands-on practical experience in a supervised shop setting. The workshop has been developed to allow string educators to learn the basics of string instrument design and construction. Fractional sized instruments will be included in the mix of instruments used in the course. A primary goal will be to develop a familiarity with the instruments that allows the student to gain confidence in assessing the condition and potential of typical school grade Stringed Instruments. As warranted.

**MUCE 540 – @Wind Band Literature (3)** Examination of wind band literature appropriate for study in elementary, secondary, and collegiate/professional wind band programs. Focus on masterworks and works of serious artistic merit. Examination of a comprehensive musicianship approach to exploring wind band literature in the context of rehearsal and performance. Class activities will include examination of

scores, sound recordings, reference resources, and related materials. Projects will be tailored to students' specific areas of interest. As warranted.

**MUCE 541 – @Marching Band Technique (3)** This "hands-on" course is designed for the teacher with some or no experience with marching band. It will cover such topics as program development, teaching/rehearsal methods, marching fundamentals for parade, traditional style and competitive corps style marching, and an introduction into contemporary computer show design and charting techniques. Basic mouse and Windows skills are a prerequisite: As warranted.

### Performance Ensembles

Note: Ensembles are conducted and/or coached by faculty members and usually give scheduled public performances. Membership in performance ensembles is by audition except where indicated (\*).

**MUAP 115 – @Campus/Community Band\* (1)** Non-auditioning concert band for Crane music majors, Liberal Arts students, college faculty and staff, and community members who play wind, brass, percussion, electronic, keyboard, guitar, drum set, or non-traditional instruments. Weekly rehearsals on a variety of concert band music of different genres culminate in a final exam informal performance. All students collaborate in teams by designing, delivering, or assisting in music projects to investigate meaningful understandings of our chosen literature. The course is especially helpful for Crane music majors who wish to gain leadership experience utilizing the Curious, Collaborative Creativity (CCC) approach of instruction on secondary instruments. Fall & Spring.

**MUAP 310 – @Potsdam Community Chorus (1)** A non-auditioned choral ensemble for liberal arts students, college faculty and staff, community members and music majors. Quality literature representing the wide choral spectrum is studied and performed at one major concert each semester. All music majors must also concurrently rehearse weekly and perform in Crane Chorus to fulfill the required ensemble credit. Fall & Spring.

**MUAP 320 – @West African Drumming and Dancing Ensemble (1)** In this course, students will learn to perform music from Ghana, Togo and neighboring countries of West Africa, culminating in a final performance for the Crane and Potsdam community at the end of the semester. Weekly rehearsals will focus on learning timeline patterns, drum patterns, song melodies, dance movements, foreign language texts, aural and listening skills, improvisation, and multiple-part playing associated with the selected repertoire. No previous experience required. Gen Ed: AE credit. Fall & Spring.

**MUAP 336 – @Saxophone Quartets (1)** Permission of instructor required. This course will include weekly coaching sessions through the semester discussing and implementing elements of chamber music playing through an ensemble experience. Proper attention to intonation, blending, phrase shaping and performance etiquette will be addressed. Ensembles are expected to arrive at each coaching session prepared and having rehearsed a minimum of once between coachings. Ensembles will perform at least once during the semester of the course. Fall & Spring.

**MUAP 338 – @Repertory Percussion Ensemble (1)** Open to percussion students and to those who successfully audition for the ensemble. The ensemble performs in concert standard literature representing the functional and aesthetic styles of compositions. The ensemble rehearses in a workshop setting where student can guest conduct and perform, as well as in chamber music settings. Fall & Spring.

**MUAP 341 – @Crane Marimba Ensemble (1)** Composed of percussion students and those who play marimba and to those who successfully audition for the ensemble. The ensemble learns and performs music composed for the marimba band and is featured on the percussion ensemble concert, as well as in informal settings. Fall & Spring.

**MUAP 355 – @Phoenix Club\* (1)** A non-auditioned choral ensemble open to all female students on campus; required of new female vocal majors. Several concerts are scheduled each semester. A commitment for both fall and spring semesters is expected. Students must also concurrently rehearse weekly and perform in Crane Chorus to fulfill the required ensemble credit. Fall & Spring.

**MUAP 356 – @Hosmer Singers (0-2)** One of two select mixed voice choral ensembles (SATB) offered at SUNY Potsdam. The Hosmer Singers is predominantly comprised of sophomore and junior level Crane vocal principals, but remains open for audition to

any singer enrolled at SUNY Potsdam or the Associated Colleges. Repertoire spans a wide spectrum from before Bach to Rock, with special commitment to explore the music of diverse cultures. Commitment to both fall and spring semesters is expected. All music majors must also concurrently rehearse weekly and perform in Crane Chorus to fulfill the required ensemble credit. Fall & Spring.

**MUAP 357 – @Men’s Ensemble\* (1)** A non-auditioned choral ensemble open to all male students on campus; required of new male vocal majors. Several concerts are scheduled each semester. A commitment for both fall and spring semesters is expected. Students must also concurrently rehearse weekly and perform in Crane Chorus to fulfill the required ensemble credit. Fall & Spring.

**MUAP 358 – @Crane Concert Choir (1)** A select mixed-voiced choral ensemble with an active performance schedule. A commitment for both fall and spring semesters is expected. Singers must also concurrently rehearse weekly and perform in Crane Chorus to fulfill the required ensemble credit. Fall & Spring.

**MUAP 360 – @String Orchestra (1)** The String Orchestra concentrates on the study and performance of repertoire written for string ensemble, ranging from baroque to contemporary. Membership is drawn from qualified students on campus. For non-music majors, contact orchestra director for registration and audition information. Attendance at all rehearsals and concerts is required. As warranted.

**MUAP 362 – @Crane Symphony Orchestra (1)** The Crane Symphony Orchestra draws its membership from qualified students on campus. This is a large ensemble that concentrates on the study and performance of orchestral, concerto, opera and choral/orchestra masterworks. Attendance at all rehearsals and concerts is required. Fall & Spring.

**MUAP 363 – @String Quartets (1)** Weekly coachings in selected string quartet repertoire, culminating in a final performance. Interested students should seek to form a group prior to registering for the course, or contact the instructor for assistance. Appropriate repertoire will be selected in collaboration with the coach. Fall & Spring.

**MUAP 364 – @Brass Quintets (1)** Weekly coachings in selected brass quintet repertoire, culminating in a final performance. Interested students should seek to form a quintet prior to registering for the course, or contact the instructor for assistance. Fall & Spring.

**MUAP 365 – @Crane Brass Ensemble (1)** Preparation and performance of standard works in the brass ensemble repertoire. Instrumentation comprised of 6 trumpets, 4 horns, 4 trombones, 2 euphoniums, 2 tubas, and 5 percussion. Fall.

**MUAP 367 – @Harp Ensemble (1)** The Crane Harp Ensemble plays original compositions and transcriptions for multiple harps, sometimes in collaboration with other instruments. This ensemble is open to all harp majors and also to non-music majors and community members by audition/permission of instructor. Fall & Spring.

**MUAP 368 – @Chamber Music (1)** Designed for chamber music ensembles not covered by other course numbers. Membership in ensemble is by audition or selection by instructor. Topics vary. May be repeated for credit. As warranted.

**MUAP 369 – @Vocal Chamber Music (1)** Weekly coachings in selected vocal chamber music repertoire, culminating in a final performance. Interested students should seek to form a group prior to registering for the course, or contact the instructor for assistance. Appropriate repertoire will be selected in collaboration with the instructor and student’s voice instructor. As warranted.

**MUAP 370 – @Crane Wind Ensemble (1)** The Crane Wind Ensemble (CWE) includes approximately 56 musicians who perform as a full wind band and also in smaller chamber wind groups. The CWE comprises the most outstanding wind and percussion majors in the Crane School of Music who are selected by studio faculty through semesterly audition. The group is further augmented by members of the double bass, piano and harp studios as repertoire necessitates. This ensemble is dedicated to the performance of the finest wind repertoire, regardless of period or disposition of instrumental forces. The CWE is also dedicated to the music of our time, commissioning and premiering the latest works for wind band by contemporary composers. Flexible instrumentation and player rotation provide members of the ensemble with a variety of responsibilities, challenges, and playing experiences. In addition to tours, the CWE performs at least three programs per semester. As warranted.

**MUAP 371 – @Tuba-Euphonium Ensemble (1)** Rehearsal, study and performance of standard repertoire, including original and transcribed works, for the tuba and euphonium ensemble. Prerequisite: permission. Fall.

**MUAP 372 – @Crane Trombone Ensemble (1)** The Crane Trombone Ensemble studies and performs original music and transcriptions/arrangements of music from virtually every musical genre. Music for trombone groupings from 3 to 16 parts will be used in the class. Fall.

**MUAP 373 – @Horn Choir (1)** Prepare and perform diverse styles of horn ensemble repertoire for group sizes 4 - 20+ players. Prerequisite for non-horn majors: permission. Fall.

**MUAP 374 – @Crane Jazz Ensemble (1)** Large, big band jazz ensemble, performing a wide variety of literature. Fall & Spring.

**MUAP 375 – @Guitar Ensemble (1)** The preparation and performance of chamber music for multiple guitars and for guitar with other instruments. Although primarily directed toward Crane guitar majors, the course is open to non-music majors with classical guitar experience by audition. Fall & Spring.

**MUAP 376 – @Crane Percussion Ensemble (1)** Composed of percussion students at The Crane School of Music, the Crane Percussion Ensemble specializes in the united performance of percussion instruments. The ensemble performs, in concert, music composed and written for percussion ensemble. The ensemble is a setting for learning literature representative of functional, aesthetic, and extremist styles of composition, as well as new music composed by today’s contemporary composers. Fall & Spring.

**MUAP 377 – @Crane Latin Ensemble (1)** This ensemble is intended to provide an introduction to the musical styles and forms known as salsa. These genres and styles are investigated through performing a wide variety of musical compositions from the Latin and Latin jazz repertory. Fall & Spring.

**MUAP 380 – @Crane Flute Ensemble (1)** Fall.

**MUAP 381 – @Clarinet Quartets (1)** The study and performance of repertoire for clarinet quartet. This course will include weekly coaching sessions throughout the semester discussing and implementing elements of chamber music playing through an ensemble experience. Proper attention to intonation, blending, phrase shaping and performance etiquette will be addressed. Ensembles are expected to rehearse a minimum of once between coachings. Ensembles will perform at least once during the semester of the course. Fall & Spring.

**MUAP 382 – @Woodwind Quintets (1)** This course will include weekly coaching sessions throughout the semester discussing and implementing elements of chamber music playing through an ensemble experience. Proper attention to intonation, blending, phrase shaping and performance etiquette will be addressed. Ensembles are expected to arrive at each coaching session prepared and having rehearsed a minimum of once between coachings. Ensembles will perform at least once during the semester of the course. Fall & Spring.

**MUAP 383 – @Clarinet Choir (1)** Rehearsal, study and performance of standard repertoire, including original and transcribed works, for an ensemble of instruments in the clarinet family, including Eb soprano, Bb soprano, Eb alto, Bb bass, Eb contra-alto, Bb contra-bass clarinets, string bass, and percussion. Participation is open to all qualified clarinetists after consultation with instructor. Fall.

**MUAP 384 – @Guitar Quartets (1)** The preparation and performance of music for guitar quartet. Enrollment is restricted by invitation of the instructor only. Fall & Spring.

**MUAP 386 – @Crane Saxophone Choir (1)** Permission of instructor required. The ensemble studies and performs original music for saxophone ensemble, as well as transcriptions/arrangements, from a wide variety of musical genres. Fall.

**MUAP 387 – @Crane Symphonic Band (1)** The Symphonic Band and Concert Band are co-equal ensembles of approximately 72 musicians each. Placements are made by studio faculty through auditions taking place at the beginning of each semester. These bands consist primarily of instrumental music majors and perform a broad range of wind band repertoire, representative of all historical periods and styles. The Symphonic and Concert Bands perform two concerts each semester, with the first being a shared program. Fall & Spring.

**MUAP 388 – @Crane Concert Band (1)** The Symphonic Band and Concert Band are co-equal ensembles of approximately 72 musicians each. Placements are made by studio faculty through auditions taking place at the beginning of each semester. These bands consist primarily of instrumental music majors and perform a broad range of wind band repertoire, representative of all historical periods and styles. The Symphonic and Concert Bands perform two concerts each semester, with the first being a shared program. Fall & Spring.

**MUAP 391 – @Contemporary Music Ensemble (1)** Spring.

**MUAP 392 – @Jazz Band (1)** Large jazz ensembles (big band) performing wide variety of literature. Admission by audition. Fall & Spring.

**MUAP 393 – @Small Jazz Groups (1)** Class members form small groups, perform for evaluation in laboratory situation. Previous jazz performance experience required. Prerequisite: Beginning Jazz Improvisation, or permission of instructor. Fall & Spring.

**MUAP 394 – @Opera Ensemble & Production (1)** Offers students who are cast in the production and/or scenes workshop the opportunity to synthesize a variety of artistic, performing and expressive experiences that may greatly enhance their overall technical skills in music, singing, dramatic skills and movement. Productions are typically cast during the first week of each semester by competitive audition. A variety of repertoire continues to be explored from early and classical period opera, to operetta and contemporary genres (20th century opera and new works). A rigorous rehearsal schedule, participation in technical support aspects, and education outreach activities provide plentiful opportunities for deeper appreciation of all forms of fine and performing arts. Fall & Spring.

**MUAP 396 – @Opera Orchestra (1)** Preparation and performance of a fully-staged operatic work. Size of instrumental ensemble depends on specific work being performed, which is drawn from Baroque through contemporary operatic and musical theatre repertoire. Fall.

### Performance Courses (Music Majors Only)

**MUCP 131– @Introduction to Diction (2)** Introduction to Diction is a course designed to introduce students to the International Phonetic Alphabet (IPA); to offer experience in recognizing the IPA symbols and producing the appropriate sounds that the symbols represent; and to gain practical experience in transcribing the symbols. As this course is a prerequisite course for all other lyric diction courses, gaining ease and fluency with the IPA as well as with the anatomy and physiology necessary to make the sounds is its major goal. Fall & Spring.

**MUCP 209 – @Conducting I (1)** Non-verbal communication, beat patterns, use of the left hand, entrances and releases, dynamics, styles of articulation, baton technique. Prerequisite: MUCB 103. Fall.

**MUCP 231 – @English Diction (2)** The student will have the opportunity to develop and demonstrate a basic understanding of the principles of lyric diction: pronunciation, enunciation, articulation and expression; further their understanding of the International Phonetic Alphabet; develop fluency and ease in transcribing text from the specific language to IPA; and gain experience singing in the language. Prerequisite: MUCP 131. Spring.

**MUCP 233 – @Italian Diction I (2)** The student will have the opportunity to develop and demonstrate a basic understanding of the principles of lyric diction: pronunciation, enunciation, articulation and expression; further their understanding of the International Phonetic Alphabet; develop fluency and ease in transcribing text from the specific language to IPA; and gain experience singing in the language. Prerequisite: MUCP 131. Fall.

**MUCP 235 – @French Diction (2)** The student will have the opportunity to develop and demonstrate a basic understanding of the principles of lyric diction: pronunciation, enunciation, articulation and expression; further their understanding of the International Phonetic Alphabet; develop fluency and ease in transcribing text from the specific language to IPA; and gain experience singing in the language. Prerequisite: MUCP 131. Fall.

**MUCP 237 – @German Diction (2)** The student will have the opportunity to develop and demonstrate a basic understanding of the principles of lyric diction: pronunciation, enunciation, articulation and expression; further their understanding of the International Phonetic Alphabet; develop fluency and ease in transcribing text

from the specific language to IPA; and gain experience singing in the language. Prerequisite: MUCP 131. Spring.

**MUCP 301 – @The Art of Practicing (3)** Do you ever feel frustrated or bored in the practice room? Do you wish you had better practice strategies? This course will explore effective and expressive practice methods that will help you get the most out of your practice sessions. You will learn to analyze problems and find technical and musical reasons behind difficulties, and learn how to approach solving them. You will learn to analyze others' practice techniques and your own through performances in class, and will keep a detailed practice log that will reveal trends in your practice time and effectiveness. Open to instrumentalists only. As warranted.

**MUCP 303 – @Performance Practices for Singers I (3)** Development of professional and interpretive aspects of singing and vocal arts within a collegial and supportive environment. Primary attention is given towards the preparation and performance of solo audition material (individual arias and musical theatre songs) and professional portfolio. Readings and discussion of current topics relevant to vocal performance also addressed along with some attention to performance in small groups/scenes. Though this course is required for Vocal Performance majors, all music majors (and theatre or dance majors with permission of instructor) are welcome to enroll. A class limit of 15 is strictly enforced to ensure that participants enjoy adequate performance time. The ability to independently prepare music is required to successfully participate in this course. Fall & Spring.

**MUCP 305 – @Performance Practices for Singers II (2)** Development of professional and interpretive aspects of singing and vocal arts within a collegial and supportive environment. Primary attention is given towards the preparation and performance of an entire solo audition package for a specific venue. Readings and discussion of current topics relevant to vocal performance. Development of professional portfolio. Prerequisite: MUCP 303. Spring.

**MUCP 309 – @Conducting II (1)** Continuation of MUCP 209. Rehearsal technique, musical terminology, transposition, a symmetrical meters, mixed meters, left hand independence, error detection, fermatas, and more specific conducting problems. Students will be expected to combine conducting skills with clear verbal communication in simulated rehearsal situations. Prerequisite: MUCP 209. Spring.

**MUCP 311 – @Conducting III (2)** Non-verbal communication concepts designed to evoke specific timbres, improved intonation, rhythmic accuracy, phrasing, and dynamics, methods of score study, critical listening, and rehearsal techniques as they apply in a range of performance settings. Prerequisite: MUCP 309. Upper division elective only. Fall & Spring.

**MUCP 322 – @Instrumental Repertory & Pedagogy I (2)** This course will explore a breadth of repertoire, resources, and pedagogical approaches specific to the student's primary instrument/voice. As warranted.

**MUCP 323 – @Instrumental Repertory & Pedagogy II (2)** Continuation of MUCP 322, Instrumental Repertory & Pedagogy I. As warranted.

**MUCP 324 – @Piano Literature (2)** Classes consist of a general survey of the major works for the piano by the major composers of all eras. This course can be repeated for credit one time, by permission of the instructor. As warranted.

**MUCP 330 – @Vocal Pedagogy (2)** Vocal Pedagogy introduces students to both the art and science of teaching voice. This is accomplished through defining terms, learning basic vocal anatomy and understanding and communicating the fundamentals of vocal technique and vocal health. Approximately two-thirds of this course utilizes a lecture and discussion format. The other one-third is dedicated to the practical application of information presented in the form of mock voice lessons. Prerequisite: Sophomore standing. Spring.

**MUCP 331 – @Vocal Coaching Seminar (1)** Weekly performance seminar for performance majors deals with all musical aspects of the art of singing: musical phrasing and interpretation, meaning of the text, correct and proper lyric and expressive diction, and ensemble between pianist and singer. Fall & Spring.

**MUCP 332 – @Russian Diction (2)** The student will develop and demonstrate a basic understanding of Russian lyric diction, including familiarity with the Cyrillic alphabet, pronunciation, enunciation, articulation and expression, utilizing the International Phonetic Alphabet (IPA). The student will achieve basic proficiency in transcribing text to IPA and will apply these skills to singing in the Russian vocal repertoire. Prerequisite: MUCP 131. As warranted.

**MUCP 343 – @Art of Accompanying Seminar (1)** The student will have the opportunity to begin to develop collaborative skills essential for successful musical partnerships at the keyboard, including sight reading, sense of ensemble, process of rehearsing with vocalists and instrumentalists, communication on stage, and work on different styles of music. Coaching, short presentation of the piece, listening, and discussing the recordings is involved. Final recital performance requires 10 minutes of music. Fall & Spring.

**MUCP 345 – @Piano Lessons (1)** Students take weekly half-hour lessons with Crane student instructors enrolled in Piano Pedagogy and Practicum III. Lessons are supervised by the instructor of Piano Pedagogy and Practicum III. Prerequisite: MUCC 204 or 302. Fall & Spring.

**MUCP 346 – @Bassoon Orchestral Studies (1)** Designed primarily for bassoon majors to develop their skills as orchestral performers and study some of the most requested bassoon excerpts. Fall & Spring.

**MUCP 347 – @Oboe Orchestral Studies (1)** Designed for primarily oboe performance majors to study the major oboe and English horn excerpts from orchestral literature. Fall & Spring.

**MUCP 348 – @Flute Orchestral Studies (1)** Designed primarily for flute majors to study ensemble concepts and major flute and piccolo excerpts from orchestral literature through the study of complete parts, scores and various recordings. Orchestral routine and the job of each section member to be discussed. Some memorization of materials required. Fall & Spring.

**MUCP 349 – @Clarinet Orchestral Studies (1)** Provides an opportunity for students to learn the art of auditioning, examine selected excerpts and scores, critique others, and be critiqued in a master class setting. Fall & Spring.

**MUCP 366 – @Chamber Music With Piano (1)** Weekly coachings in selected chamber music repertoire for piano with one or more instruments, culminating in a final performance. Interested students should seek to form a chamber ensemble prior to registering for the course, or contact the instructor for assistance. Repertoire will be chosen in consultation with the instructor. as warranted.

**MUCP 405 – @Teaching Instruments to Non-Majors (1-2)** Students teach a weekly instrumental lesson to a college non-major. Student teachers are responsible for writing a studio policy and developing an individualized plan of student learning for the semester. Students may teach one student for one credit, or two students for two credits. Fall & Spring.

**MUCP 407 – @Teaching Voice to Non-Majors (1-2)** Students provide private vocal instruction to non-music majors in order to develop skills needed to teach voice lessons in public school music programs. Students may teach one student for one credit, or two students for two credits. Prerequisite: 4 semesters of college level vocal study or successful completion of a Level A in voice. Fall & Spring.

**MUCP 418 – @Vocal Coaching (1)** Coaching for advanced vocal students. In-depth musical work on interpretation and performance of vocal repertoire. Fall & Spring.

**MUCP 430 – @Art Song Repertoire (0-3)** This performance course explores the output of the major song composers chronologically, with a balance between historical overview in the form of lecture and readings with in-class performances and discussion by participants. Particular attention is paid to the concurrent literary and artistic movements as they relate to the songs of the period. Each offering will focus on a specific topic within the repertoire, such as American/English, French, or German, as announced. As warranted.

**MUCP 499 – @Senior Recital Performance (1)** Required for performance majors during fourth year of study. Prerequisite: MUCP 399. Fall & Spring.

**MUCP 518 – @Vocal Coaching (1)** Coaching for advanced vocal students. In-depth musical work on interpretation and performance of vocal repertoire. As warranted.

**MUCP 541 – @Advanced Conducting Techniques (2)** Study of advanced conducting problems. Special emphasis on 20th century works and recitatives. As warranted.

### **Music Research Courses (Music Majors Only)**

**MUCR 410 – @Music Bibliography (1)** Introduction to library resources, including narratives, bibliographies, archives, and the World Wide Web. Application of research

methods, including bibliographic citation in notes and reference lists. Presentation of the research process from topic formulation to scholarly publication. Prerequisites: MUCB 205, 206, & 323. Fall.

**MUCR 488 – Research Project in Musical Studies (2)** Written research project that, with the aid of a faculty adviser will allow the Musical Studies major to draw together knowledge and experience. Fall & Spring.

### **Studio Courses (Music Majors Only)**

**MUCS 210 – Secondary Applied [instrument] (1)** Applied studio instruction for Crane students on instruments other than their major instrument, or, in limited circumstance, for non-music majors. Weekly lessons (30 minutes per week) with faculty instructor. Concurrent registration in a major ensemble may be additionally required. By permission of the instructor only. As warranted.

**MUCS 420 – @Performance Class (2)** Studio instruction on a specific performance medium for those degrees requiring two credits. Fall & Spring.

**MUCS 430 – @Performance Class (3)** Studio instruction on a specific performance medium for those degrees requiring three credits (B.M. Performance). Fall & Spring.

### **Music Business Courses**

**MUAI 320 – @Music Business Technology (3)** This course is a hands-on introduction to MIDI, digital audio, multimedia, and internet application technology. The course also covers how such technologies might be applied in a music industry setting. Prerequisites: MUAI 327 & 328. Fall.

**MUAI 327 – @Music Business I (3)** Study of songwriting, licensing and copyright laws, promotion, publishing, and music unions. Fall.

**MUAI 328 – @Music Business II (3)** Discussion of radio production, artist management, concert promotion, theatrical production, music merchandising, and arts administration. Nonsequential with MUAI 327. Spring.

**MUAI 329 – @Essential Practices in Music Business (3)** This course is intended to help prepare senior Music Business majors who are preparing to complete MUAI 422 (the Music Business Internship) and preparing for the music industry job market. The goal of the course will be to cover a variety of situations and protocols that Music Business majors will encounter if they are employed in Arts Administration, the Recording Industry or Music products. For Music Business Majors. Prerequisites: MUAI 327 & 328, ECON 110 & 115, ACCT 201, MGMT 301, & MKTG 301. Fall.

**MUAI 400 – @Legal Aspects of the Music Industry (3)** In-depth investigation of students' topics of choice. Final document detailing students' work is required. Prerequisites: MUAI 327 & 328. Spring.

**MUAI 401 – @Arts Administration (3)** An in-depth study of administration within non-profit arts organizations, covering topics such as how to plan, organize, implement and evaluate marketing; arts-in-education programs; staffing; venue management; and fundraising efforts. Prerequisites: MUAI 327 & 328. As warranted.

**MUAI 410 – @Music Merchandising and Retail (3)** This course is a specific study of topics related to music retailing including promotion, financing, accounts payable/receivable inventory control, and online marketing. Prerequisites: MUAI 327 & 328. Spring, even years.

**MUAI 421 – @Practicum in Music Business (2)** Independent study at a site related to the student's specific area of interest in the music industry. May be completed during the summer. Prerequisites: MUAI 327 & 328. Fall, Spring & Summer.

**MUAI 422 – @Music Business Internship (1-12)** Fall, Spring & Summer.

**MUAI 431 – @Recording and Production Techniques (3)** An introduction to recording techniques including multi-track recording, sound reinforcement and applying effects. Prerequisites: MUAI 327 & 328. Fall.

**MUAI 432 – @Advanced Recording & Production Techniques (3)** The continuation of recording techniques including multi-track recording, sound reinforcement, and applying effects in more advanced situations and within more in depth attention. Spring.

**MUAI 433 – @Inside a Record Label (3)** As warranted.

**Basic Musicianship Courses (Music Majors Only)**

**MUCB 101 – Keyboard Skills I (1)** Basic keyboard skills, including scales, chord progressions, improvisation, and beginning-level repertoire. Provides an introduction to the keyboard for students with little or no piano background. Fall.

**MUCB 102 – Keyboard Skills II (1)** Provides an introduction to the keyboard for students with little or no piano background. Keyboard Skills 102 reinforces and extends the concepts covered in 101 with progressively more advanced material. Prerequisite: MUCB 101. Spring.

**MUCB 103 – Theory I (3)** Fundamentals of pitch and rhythm, melodic analysis and diatonic harmony. Corequisite: MUCB 104. Fall. Gen Ed: AE credit.

**MUCB 104 – Aural Skills I (1)** Development of aural acuity through exercises in dictation and solfege. Corequisite: MUCB 103. Fall.

**MUCB 105 – Theory II (3)** Continuation of MUCB 104, modulation, secondary function, small forms and an introduction to counterpoint. Prerequisites: MUCB 103 & 104. Corequisite: MUCB 106. Spring. Gen Ed: AE credit.

**MUCB 106 – Aural Skills II (1)** Continuation of MUCB 104, with longer dictation examples and introducing simple chromatic elements. Prerequisites: MUCB 103 & 104. Corequisite: MUCB 105. Spring.

**MUCB 201 – Music History I: Early Music (3)** Survey of Western musical styles from antiquity through the mid-Baroque. Prerequisites: MUCB 103 & 104. Fall. Gen Ed: WC credit

**MUCB 202 – Music History II: Common Practice Period (3)** Survey of Western musical styles from the high Baroque through the late Romantic. Prerequisites: MUCB 105 & 106. Spring. Gen Ed: WC credit.

**MUCB 203 – Theory III (3)** Continuation of MUCB 105; chromatic harmony; 18th and 19th century forms and styles. Prerequisite: MUCB 105 & 106. Corequisite: MUCB 204. Fall. Gen Ed: AE credit.

**MUCB 204 – Aural Skills III (1)** Continuation of MUCB 106, incorporating modulation, modal mixture, and other chromatic usages. Prerequisites: MUCB 105 & 106. Corequisite: MUCB 203. Fall.

**MUCB 205 – Theory IV (3)** Materials and analysis of selected styles of the 20th and 21st centuries. Prerequisites: MUCB 203 & 204. Corequisite: MUCB 206. Spring. Gen Ed: AE credit.

**MUCB 206 – Aural Skills IV (1)** Continuation of MUCB 204, incorporating such 20th-Century vocabulary as whole tone and modal scales, octatonic material, as well as more challenging tonal exercises. Prerequisites: MUCB 203 & 204. Corequisite: MUCB 205. Spring.

**MUCB 323 – Music History III: Music Since 1900 (3)** Survey of Western styles from 1900 to the present. Prerequisite: MUCB 203 & 204. Fall & spring. Gen Ed: AC credit.

**Music History Courses (Music Majors Only)**

**MUCH 302 – Music of the Baroque (3)** Style, form and historical development in vocal and instrumental music from Monteverdi to J. S. Bach. Prerequisites: MUCB 201, 203, & 204. As warranted.

**MUCH 311 – Choral Literature (3)** Style, structure and historical background of great choral works of all periods. Prerequisite: MUCB 205, 206, & 323. As warranted.

**MUCH 331 – Chamber Music Survey (3)** Study of the development of chamber music, focusing primarily on works from the Baroque Period through the twentieth century. Special emphasis on the history of the string quartet as a genre from Bocherini to the present. Prerequisites: MUCB 202, 205, & 206. As warranted.

**MUCH 340 – The Music of the Beatles (3)** An in-depth exploration of the music, lives, and times of the Beatles. Songs will be analyzed and discussed in terms of musical style and structure, lyric content, compositional process, and technological innovation. The course will also examine the historical and cultural environment in which their music was created, and how this environment influenced, and was influenced by, the Beatles. Fall, odd years.

**MUCH 360 – World Music Cultures (3)** This course explores the musics of the world's peoples, considering music as a human phenomenon. The course will examine how people make the sounds we call music in various parts of the contemporary

world, including how people organize music, what the sounds mean and signify to them and how music embodies and reflects the cultures and places from which it comes. Fall & Spring.

**MUCH 405 – The German Lied (3)** Development of the German Lied from Reichardt to Webern. Style characteristics of the major exponents of the German lied with emphasis on the interrelationship among poetic scansion, literary content, and musical analysis. Prerequisites: MUCB 202, 203, & 204. As warranted.

**MUCH 412 – Opera Literature (3)** A survey of opera literature from its Baroque era beginnings through the present day. As warranted.

**MUCH 414 – Symphonic Literature (3)** Symphonies in standard repertoire. Emphasis on aesthetic, stylistic and historical aspects. Prerequisite: MUCB 202, 203, & 204. As warranted.

**MUCH 423 – Music of the Viennese Classicists (3)** Musical styles from 1750 to 1830. Music of Mannheim School. Haydn, Mozart, Gluck and Beethoven in relation to preceding and following periods. Prerequisite: MUCB 202, 203, & 204. As warranted.

**MUCH 425 – Music of the 19th Century (3)** Music literature from Beethoven to Debussy. Consideration of stylistic and formal elements together with aesthetic principles and historical perspectives. Prerequisites: MUCB 202, 203, & 204. As warranted.

**MUCH 430 Johannes Brahms (3)** Study of the life and works of Brahms through discussion of reading assignments, analysis of musical scores, live and recorded performances, and lecture. Prerequisite: MUCB 202. As warranted.

**MUCH 431 – J. S. Bach (3)** Music of J.S. Bach. Historical and biographical factors influencing his music. Emphasis on performance in class. Prerequisites: MUCB 201, 202, 203, & 204. As warranted.

**MUCH 433 – @Rhetoric and Music (3)** Explores connections between the concepts of Classical rhetoric and those of music. Students will have the opportunity to compare musical issues to those raised by the Classicists, including the importance to society of rhetorical skills, of rhetoric as a science, and of developing knowledge from many subjects, as well as studying the basic tenets of rhetorical elements and relating them to music. Prerequisites: MUCB 202, 203, & 204. As warranted.

**MUCH 434 – Renaissance Culture and Music (3)** Musical styles from 1400 to 1600, including sacred and secular genres within a cultural context. Prerequisites: MUCB 201, 203, & 204. As warranted.

**MUCH 436 - Byzantium: Religion & the Arts (3)** From the time of Constantine the Great to the fall of Constantinople in 1453, virtually every aspect of life of the Eastern Roman (Byzantine) Empire - politics, education, the arts - was shaped and guided by ideas spawned from Eastern Christianity. This course will cover the history of Byzantine music. The focus on music will be the primary lens through which the class will examine the aesthetic principles of the Byzantine Empire and will also serve as the gateway to the other arts. In addition to the study of the historical development of Byzantine music, students will have the opportunity to learn to read Byzantine neumes, and to participate in a creative emulation of the compositional style of Byzantine music. Prerequisites: MUCB 201, 202, 205, & 206. As warranted.

**MUCH 437 – @European Folk Music (3)** Provides a survey of folk or traditional music in Europe. The approach is necessarily contextual and historical. Issues covered may include nationalism, authenticity, urban and modern folk, and the changing roles of gender, class, and race awareness. Prerequisite: MUCB 202. As warranted.

**MUCH 438 – Music in America (3)** Surveys the variety of musical experiences in the United States, including Native American music, early American psalmody, and respective developments leading to jazz and to the commercial genres. Special analytical concentration upon major movements and composers of the cultivated tradition and the avant-garde. Prerequisite: MUCB 201, 202, & 205. As warranted.

**MUCH 439 – The Concerto (3)** Study of the historical development of the concerto genre from the earliest use of the term in the Renaissance to the present day through discussion, analysis of musical scores, performances, and lectures. Prerequisites: MUCB 202, 205, & 206. As warranted.

**MUCH 440 – Historical Development of Jazz (3)** In-depth study of historical and stylistic characteristics of major jazz style periods and movements. Analysis of harmonic, rhythmic and melodic innovations. Prerequisite: MUCB 105. Spring.



**MUCH 441 – @The American Musical (3)** The historical and stylistic study of the development of the American musical. As warranted.

**MUCH 445 – Guitar History and Literature (3)** An exploration of the history and literature of the guitar, lute, and vihuela, from the first Italian publications of the early 16th century, to the recent works of Carter, Berio, and Crumb. Projects include the transcription of tablature notation systems from the Renaissance and Baroque. Prerequisites: MUCB 202, 203, & 204. Spring.

**MUCH 455 – Ludwig van Beethoven (3)** Music of Ludwig van Beethoven. Historical and biographical factors affecting his music and his influence on the composers who followed him. Prerequisites: MUCB 202, 205, 206. As warranted.

**MUCH 461 Gender & Music in Cross-Cultural Perspective (3)** This course explores the fascinating relationship between music and gender across the world, including how social, economic, and political circumstances influence gender roles and behavior, including an examination of representations of gender in various musical contexts. During the course, students will have the opportunity to consider how social institutions, media, and political organizations embrace, construct, subvert, and re-enforce gendered practices and identities. Major topics may include music and masculinity, gender performance, gender in jazz, re-gendering tradition, dance and the body, non-Western female composers, and gender in world music media and marketing. Fall.

**MUCH 470 – Post-Romantic Music: 1870-1914 (3)** European art music and its cultural content at the turn of the twentieth century. Emphasis on the stylistic features and aesthetics that informed late-romanticism, impressionism, exoticism, expressionism and primitivism. Listening, analysis, papers, presentations required. Prerequisites: MUCB 201, 202, 203, & 204. As warranted.

### **Music Theory and Composition Courses (Music Majors Only)**

**MUCT 301 – @Composition I (3)** Composing for solo instruments and small chamber ensembles and voice in a variety of contemporary non-vernacular styles. Prerequisite: all components of Musicianship Core Sequence. Fall.

**MUCT 302 – @Composition II (3)** In Composition II, students will continue work begun in Composition I, reinforcing techniques of composition through active composition, analysis, demonstration and listening. The primary focus of Composition II will be on the creation of chamber music. Prerequisite: all components of Musicianship Core Sequence. Spring.

**MUCT 330 – @Jazz Theory and Arranging (3)** In depth exploration of jazz harmonic practices, including functional harmony, chord construction, and chord relationships. Students apply theoretical concepts by writing arrangements for small and large jazz ensembles. Prerequisite: MUCB 105. Fall, even years.

**MUCT 335 – @Jazz Improvisation I (3)** Introduction to the basics of jazz improvisation. Participants perform in every class. Emphasis on basic tonal systems for improvisation, stylistic and rhythmic concepts, developing creative improvisational thinking. Prerequisite: MUCB 105. Fall.

**MUCT 411 – @Computer Music Composition (3)** Art of composing with electronically generated sound. Major works and independent compositions. Open to all students with permission. Fall.

**MUCT 412 – @Advanced Computer Music Composition (3)** This advanced course in electronic and computer music composition takes knowledge gained in MUCT 411 and expands and solidifies it by more deeply investigating the tenets of digital audio theory, sampling, synthesis techniques, and graphical programming, culminating in dynamic student work that is at the forefront of the world of digital music creation. Working through a full array of concepts related to digital audio synthesis techniques - such as granular synthesis, frequency and amplitude modulation, and digital filter theory - students can expect to listen to a number of works in the repertoire, realize analog works in the digital domain and most importantly, gain facility in using their computers as modes of artistic expression. Prerequisite: MUCT 411 or instructor permission. Spring.

**MUCT 414 – @Modal Counterpoint (3)** 16th Century contrapuntal techniques, including species counterpoint exercises and imitative vocal procedures. As warranted.

**MUCT 415 – @Tonal Counterpoint (3)** Contrapuntal music of the Baroque era with emphasis on works of J. S. Bach. The study of two- and three-voice counterpoint, invention, forms based on the chorale, invertible counterpoint, and fugue. Prerequisite: MUCB 203 & 204. As warranted.

**MUCT 416 – @Counterpoint (3)** Survey of 16th-Century and 18th-Century contrapuntal techniques and genres, including both written exercises and examples. Prerequisites: MUCB 205 & 206. As warranted.

**MUCT 417 – @Analytical Techniques (3)** Study of selected analytic approaches to tonal music, including issues of form, harmony, and style. Prerequisite: MUCB 203 & 204. As warranted.

**MUCT 418 – @ Analysis of Masterworks (3)** Students will engage in a variety of analytical activities involving listening and score study, supplemented by readings related to musical masterworks from the Common Practice period through the 20th Century. Projects may include written and graphic analyses, a transcription project, presentations on readings, and performance comparisons. Works studied may vary from semester to semester. Prerequisites: MUCB 201, 202, 203, 204 & 323. As warranted.

**MUCT 420 – @ Theory and Analysis of 20th Century Music (3)** Study of selected analytic approaches to 20th Century music, including pitch-class set theory and twelve-tone (serial) theory. Prerequisites: MUCB 205 & 206. As warranted.

**MUCT 421 – @Orchestration (3)** Techniques of orchestration for various instrumental ensembles at an advanced level culminating in the scoring of a work for full orchestra or wind ensemble. As warranted.

**MUCT 422 – @Jazz Styles and Analysis (3)** In depth analysis of recorded improvised solos by recognized jazz musicians. Students transcribe solos from recordings and present to class with analysis. Prerequisite: Junior standing. Spring, odd years.

**MUCT 424 – @Advanced Jazz Improvisation (2)** Continuation of skills mastered in Improvisation I. Emphasis on advanced tonal systems and harmonic structures for improvisation, further development of creative techniques. Prerequisite: MUCT 335. Spring, even years.

**MUCT 425 – @Analysis of Rock Music (3)** By the end of the course, students will be able to discover and critique aspects of phrase rhythm, key, mode, cadences, harmonic palettes, and harmonic succession that differentiate rock music from common-practice art music. They will also be able to identify and discuss some aspects of rock music that are similar or identical to aspects of art music. Finally, they will learn some of the issues and skills involved in the study of popular music. Prerequisites: MUCB 201, 202, 205, 206, & 323. As warranted.

**MUCT 426 – @Pedagogy of Music Theory (3)** This course encompasses the study and development of teaching approaches necessary for the music theory class. Both college and pre-college curricula are examined, as well as the inclusion of computer-assisted instruction. Prerequisites: MUCB 205 & 206. As warranted.

**MUCT 430 – @Studio Composition (3)** Studio instruction in composition. Prerequisite: Musical Studies major with concentration in composition. Fall & spring.

**MUCT 440 – @Studio Electronic Composition (3)** Studio instruction in electronic and computer music composition. Prerequisite: MUCT 411. For Musical Studies, composition track majors. Fall & spring.

**MUCT 455 – Music of Beethoven (3)** A study of Beethoven's life and works, involving harmonic, formal, and stylistic analysis. Prerequisites: MUCB 202, 203, & 204. As warranted.

**MUCT 490 – @ Compositions Capstone Portfolio & Jury (1)** During the final semester of their degree program, each Composition major will submit a Capstone Composition Portfolio for review/approval by the faculty. The portfolio will include scores, recordings, and written materials documenting their work toward their degree. After submitting the portfolio, the student will meet with members of the composition faculty for an evaluation of the portfolio. Must be taken S/U. Prerequisite and corequisite: MUCT 430 or MUCT 440. As warranted.

**MUCT 499 – @Recital of Compositions (2)** Senior composition majors organize and present recital of original works that reflect variety of style and genre. Prerequisites: MUCT 401, 411, & 430. As warranted.

**Music Courses for Both Music Majors and Non-Music Majors**

**MUAC 430 – Production Techniques/Music Theatre (3)** Development of basic skills in music theatre production management. Includes practical hands-on experience working on a Crane School of Music opera production. The course is designed for music performers, as well as music educators.

**MUAH 301 – History of Rock Music (3)** Survey of historical and stylistic characteristics of major rock genres and movements. As warranted.

**MUAH 350 – Women in Music (3)** History of women in music, including teachers, administrators, and patrons, as well as composers, performers, and conductors from ancient Greece to the present. Prerequisites: MUCB 201, 202, 205, & 206. As warranted.

**Non-Music Majors Courses**

**MULH 101 – Crane Live! (3)** Focus on a variety of concerts and recitals in The Crane School of Music. Students gain understanding of all that goes into preparation for public performance. Prerequisite: Non-music major. Gen Ed: AC credit. Fall & Spring.

**MULH 110 – Music Through the Ages (3)** Music exists in many forms, and every culture has music; it can make us laugh, cry, sing, and dance. This course explores all types of music, from ancient times to the present day, with an emphasis on deepening students' understanding and ability to listen to music in an informed and meaningful way. Prerequisite: Non-music major. Gen Ed: AC credit. Fall & Spring.

**MULH 161 - Global Popular Music and Urban Cultures (3)** In this course students will be introduced to a wide variety of popular music, performers, contexts, and issues from around the globe. The course will examine issues connected to globalization, Westernization, nationalism, politics, identity, diasporas, new technologies, the record industry, cross-cultural influences, and the negotiation between tradition and modernity. Major genres explored may include Gospel, Reggae, Hip-hop, M-kossa, Bollywood, Salsa, Forro, and Merengue. Course counts toward the African Studies Minor. Instructor permission required for music majors. Gen Ed: XC credit. As warranted.

**MULH 201 – Topics in Music History for Non-Majors (3)** Instruction designed for non-music majors in topics related to music history. Topics may include Film Music History, History of Jazz, History of Rock Music, Opera, composer, period or genre specific studies and others. May be repeated for credit when topics vary. Prerequisite: Non-music major. As warranted.

**MULH 204 – Introduction to Musical Theater (3)** Music in a theatrical setting. Emphasis on American stage: Broadway musicals and American opera. Development of music-drama medium. Prerequisite: Non-music major. Gen Ed: AC credit. As warranted.

**MULH 211 – Topics in Ethnomusicology for Non-Majors (3)** Instruction designed for non-music majors in topics related to ethnomusicology. Topics may include Music of Africa, Latin American Music, World Music, and others. May be repeated for credit when topics vary. Prerequisite: Non-music major. As warranted.

**MULH 261 – Music of Africa (3)** This course provides an introduction to a variety of musics in Africa, exploring how diverse people make and perform music on the continent and in the African diaspora. Through topical and regional case studies such as Shona mbira music, Anlo-Ewe drumming and dancing, and a type of Nigerian popular music known as jùjú, students will have the opportunity to become familiar with particular pieces of music and the contexts, instruments, forms, and practices surrounding them. Topics may include the role of music in African communities, the relationship between music and traditional ceremonies and rituals, the politics of music during the colonial and post-colonial periods, and the globalization of African music. Special attention will be paid to the political and ethical dimensions of music making in an increasingly global world. Although some meetings will be devoted to music performance, students do not need to have any prior musical experience. Prerequisite: Non-music major. Gen Ed: XC credit. Fall.

**MULH 340 – The Music of the Beatles (3)** An in-depth exploration of the music, lives, and times of the Beatles. Songs will be analyzed and discussed in terms of musical style and structure, lyric content, compositional process, and technological innovation. The course will also examine the historical and cultural environment in which their music was created, and how this environment influenced, and was influenced by, the Beatles. As warranted.

**MULP 101 – @Class Piano I (2)** Class instruction for beginning piano. Prerequisite: Non-music major. Gen Ed: AE credit. As warranted.

**MULP 102 – @Class Piano II (2)** Class instruction for beginning piano. Prerequisite: MULP 101 & Non-music major. Gen Ed: AE credit. As warranted.

**MULP 103 – @Class Voice I (2)** For students interested in developing better singing voices. Includes vocal literature suitable to stage of development of individuals in class. Prerequisite: Non-music major. Gen Ed: AE credit. Fall.

**MULP 104 – @Class Voice II (2)** Continuation of MULP 103. Prerequisite: MULP 103 & Non-music major. Gen Ed: AE credit. Spring.

**MULP 105 – @Instrumental Lessons for Non-Music Majors (2)** Private or small class instruction in instruments of band and orchestra by qualified music majors under faculty supervision. Prerequisite: Non-music major. Gen Ed: AE credit. May be repeated for credit. Admission dependent upon availability of Crane student teachers. Fall & Spring.

**MULP 106 – @Piano Lessons for Non-Music Majors (2)** Prerequisite: Non-music major. Gen Ed: AE credit. Fall & Spring.

**MULP 107 – @Voice Lessons for Non-Music Majors (2)** Private vocal instruction by qualified music majors under faculty supervision. Prerequisite: Non-music major. Gen Ed: AE credit. May be repeated for credit. Admission dependent upon availability of Crane student teacher. Fall & Spring.

**MULP 129 – @Beginning Guitar (2)** Class instruction in beginning guitar. Both chords and note-reading will be explored and applied to a variety of guitar styles. No previous musical experience is necessary. You must supply your own guitar. Prerequisite: Non-music major. Gen Ed: AE credit. As warranted.

**MULT 101 – Music Theory for Non-Majors (3)** This course provides an introduction to understanding the basic elements of music - rhythm, note-reading, melody and harmony – through reading, writing and listening. No prior knowledge of music theory is required. Gen Ed: AE credit. Fall & Spring

**MULT 102 – Accelerated Music Theory for Non-Majors (3)** Instruction designed for non-music majors with some prior knowledge of music theory who wish to improve their fluency in the technical language of tonal music. Topics will include (but are not limited to) acoustics, clef reading, intervals, scales, modes, keys and key signatures, texture, simple forms, harmonic progression and analysis. Aural skills, an aural demonstration of theoretical principles and basic keyboarding skills, will enrich and expand the written study. In addition to providing terms and categories, music theory provides a framework for understanding how music is put together and why music sounds the way it does. Permission of instructor required. Prerequisite: Non-music major. Gen Ed: AE credit. Fall & Spring.

**MULT 201 – Topics in Music Theory for Non-Majors (3)** Instruction designed for non-music majors in topics related to music theory. Topics may include Songwriting, genre specific studies, and others. May be repeated for credit when topics vary. Prerequisite: Non-music major. As warranted.