

- JOUR 1100 Introduction to Mass Communication (same as COMM 2230)** (3-0-3)
 JOUR 1100 is a survey of the field of mass communication, including newspapers, magazines, radio, television, cable television, and public relations and advertising, with emphasis on the historical development, current practices, and future trends of these media. This course is also listed as COMM 2230.
 Prerequisite: None.
 Offered: On demand.
- JOUR 1110 News Writing (same as COMM 2235)** (3-0-3)
 JOUR 1110 is an introductory course in writing for the mass media, with emphasis on gathering, writing, and reporting for newspapers and broadcast media. This course is also listed as COMM 2235.
 Prerequisite: ENGL 1101.
 Offered: On demand.
- LEAD 1101 Leadership Development** (2-0-2)
 The purpose of the course is to help students identify the attributes of effective leaders so that they can build their leadership potential and develop skills that will be of benefit to them personally and in their chosen profession.
 Corequisite: Minimum COMPASS reading score of 78 or enrollment in READ 0099.
 Prerequisite: None.
 Offered: On demand.
- MATH 0097 Introductory Algebra** (4-0-4)
 MATH 0097 is an introductory algebra course designed for students with some mathematical background who need additional algebraic skills. Topics include fractions, decimals, signed numbers, linear equations, systems of equations in two variables, exponents, inequalities, polynomials, factoring, and graphing linear equations. Exit requirement: A grade of "C" or better in the course.
 Placement: A score below 30 on the COMPASS Algebra Test.
 Offered: All semesters.
- MATH 0099 Intermediate Algebra** (4-0-4)
 MATH 0099 is an intermediate algebra course designed to give students knowledge of basic algebraic concepts in preparation for college algebra. Topics covered include linear equations and linear inequalities, factoring, exponents, roots and radicals, rational expressions, complex numbers, quadratic equations, and basic elements of geometry. Exit Requirement: A grade of "C" or better in the course and a Compass Algebra Test score of 37 or above.
 Placement: A score between 30 and 36 on the COMPASS Algebra Test or a CPC deficiency and a score of 37 or above on the COMPASS Algebra Test; or successful completion of MATH 0097.
 Offered: All semesters.

- MATH 1001 Quantitative Skills and Reasoning** (3-0-3)
 This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take Precalculus, trigonometry, or the calculus sequence for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will be likely to encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. A graphing calculator is required. MATH 1001 is a math course for non-science majors and may be used as a prerequisite to MATH 2205 and/or MATH 1145. Students receiving credit for MATH 1001 cannot receive credit for MATH 1101 or MATH 1111.
 Prerequisites: MATH 0099 or satisfactory score on math placement test.
 Offered: Every Semester.
- MATH 1101 Introduction to Mathematical Modeling** (3-0-3)
 This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions. Emphasis is also placed on technology, and effective communication of quantitative concepts and results. A graphing calculator is required. MATH 1101 is a math course for non-science majors and may be used as a prerequisite to MATH 2205 and/or MATH 1145. Students receiving credit for MATH 1101 cannot receive credit for MATH 1001 or MATH 1111. May be used as Area A math except in programs where trigonometry is required.
 Prerequisite: MATH 0099 or satisfactory score on math placement test.
 Offered: On demand.
- MATH 1105 Laboratory Clinical Math** (1-1-1)
 This course covers mathematical topics including probability, conversions, ratio and proportion, graphing, and basic statistical computation and application.
 Prerequisite: Admission to the Dental Hygiene Program.
 Offered: Fall.
- MATH 1111 College Algebra** (3-0-3)
 This course is a functional approach to algebra that incorporates the use of applied technology. Emphasis will be placed on the study of functions and their graphs, inequalities, and linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions. Appropriate applications will be included. A graphing calculator is required. Students receiving credit for MATH 1111 cannot receive credit for MATH 1001 or MATH 1101.
 Prerequisite: MATH 0099 or satisfactory score on math placement test.
 Offered: All semesters.
- MATH 1112 Trigonometry** (3-0-3)
 This course covers trigonometric functions. The topics include identities, solutions of triangles, complex numbers, conics, and vectors. A graphing calculator is required. Students receiving credit for MATH 1112 cannot receive credit for MATH 1113.
 Prerequisite: MATH 1111 or consent of Division Chair.
 Offered: All semesters.

- MATH 1113 Pre-Calculus** (3-0-3)
 This course is designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic and transcendental functions accompanied by analytic geometry. A graphing calculator is required. Students receiving credit for MATH 1113 cannot receive credit for MATH 1112.
 Prerequisite: MATH 1111 or consent of Division Chair.
 Offered: Fall.
- MATH 1145 Survey of Calculus** (3-0-3)
 This is a survey of Calculus for students in non-science curricula. The topics include limits, derivatives, integrals, logarithmic and exponential functions. A graphing calculator is required. Students receiving credit for MATH 1145 cannot receive credit for MATH 1151.
 Prerequisite: MATH 1001, MATH 1111, MATH 1101, or MATH 1113.
 Offered: Fall, Spring.
- MATH 1151 Calculus I with Geometry** (3-2-4)
 This is the first of a three semester sequence in Calculus. Calculus I covers topics from analytical geometry, limits, derivatives of algebraic functions, trigonometric and exponential functions, and basic integration. A graphing calculator is required. Students receiving credit for MATH 1151 cannot receive credit for MATH 1145.
 Prerequisite: MATH 1112 or MATH 1113 or consent of Division Chair.
 Offered: Fall, Spring, Summer.
- MATH 2003 Algebra and Applications for Middle Grade Teachers** (3-0-3)
 This course is designed for middle grade teachers. The course includes variable expressions; equations; inequalities; and linear, non-linear, and inverse functions. Applications will be included in each topic of discussion. A graphing calculator is required. This course does not satisfy any core curriculum requirement.
 Restricted to Middle Grade Teachers.
 Offered: On demand.
- MATH 2004 Number Sense for Middle Grade Teachers** (3-0-3)
 This course is designed for middle grade teachers. The course includes sets of numbers, order relationships, numeration systems, divisibility properties of integers, prime and composite numbers, special sets of numbers and sequences, history of mathematics. Real world applications will be explored. This course does not satisfy any core curriculum requirement.
 Restricted to Middle Grade Teachers.
 Offered: On demand.
- MATH 2005 Probability and Statistics for Middle Grade Teachers** (3-0-3)
 This course is designed for middle grade teachers. The course includes topics such as frequency distributions, graphing techniques, descriptive measures, counting techniques, probability, and simulation techniques. Applications will be included in each topic of discussion. A calculator will be required. This course does not satisfy any core curriculum requirement.
 Restricted to Middle Grade Teachers.
 Offered: On demand.

- MATH 2006 Geometry for Middle Grades Teachers** (3-0-3)
 This course covers standard concepts from Euclidean Geometry including points, lines, and planes, plane and solid geometry, right-angle trigonometry, coordinate geometry, transformational geometry, logic, and measurement systems. This course does not satisfy any core curriculum requirements.
 Restricted to Middle Grade Teachers.
 Offered: On demand.
- MATH 2008 Foundations of Numbers and Operations** (3-0-3)
 This course is an Area F introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics.
 Prerequisites: MATH 1001, MATH 1101, MATH 1111, or MATH 1113.
 Corequisites: None.
 Offered: Fall and Spring semesters. Summer semester if requested by Chair of Business and Social Science Division.
- MATH 2015 Probability and Statistics: SREB Middle Grades Series** (3-0-3)
 This course is designed for middle grade teachers. The course includes topics such as frequency distributions, graphing techniques, descriptive measures, counting techniques, probability, simulation techniques, normal distributions, and confidence intervals. Applications will be included in each topic of discussion. A calculator will be required.
 This course does not satisfy any core curriculum requirements.
 Prerequisites: Restricted to Middle Grade Teachers.
 Offered: On demand.
- MATH 2016 Geometry for Middle Trade Teachers SREB Mid Grades Series** (3-0-3)
 This course covers standard concepts from Euclidean Geometry including points, lines, and planes, plane and solid geometry, right-angle trigonometry, coordinate geometry, transformational geometry, logic, and measurement systems.
 This course does not satisfy any core curriculum requirements.
 Prerequisites: Restricted to Middle Grade Teachers.
 Offered: On demand.
- MATH 2023 Algebra and Applications for Special Education Teachers** (3-0-3)
 This course is designed for in-service special education teachers. The course includes variable expressions, equations, inequalities and linear, nonlinear and inverse functions. Applications will be included in each topic of discussion. A graphing calculator is required. This course does not satisfy any core curriculum requirement.
 Prerequisite: Restricted to in-service special education teachers.
 Offered: As required.
- MATH 2024 Number Sense for Special Education Teachers** (3-0-3)
 This course is designed for in-service special education teachers. The course includes sets of numbers, order relationships, numeration systems, divisibility properties of integers, prime and composite numbers, special sets or numbers and sequences, history of mathematics. Real world applications will be explored.
 This course does not satisfy any core curriculum requirement.
 Prerequisite: Restricted to in-service special education teachers.
 Offered: As required.

- MATH 2025 Probability and Statistics for Special Education Teachers** (3-0-3)
 This course is designed for in-service special education teachers. The course includes topics such as frequency distributions, graphing techniques, descriptive measures, counting techniques, probability, and simulation techniques. Applications will be included in each topic of discussion. A calculator will be required. This course does not satisfy any core curriculum requirement.
 Prerequisite: Restricted to in-service special education teachers.
 Offered: As required.
- MATH 2026 Geometry for Special Education Teachers** (3-0-3)
 This course is restricted to in-service special education teachers. The course covers standard concepts from Euclidean Geometry including points, lines, and planes, plane and solid geometry, right-angle trigonometry, coordinate geometry, transformational geometry, logic and measurement systems. This course does not satisfy any core curriculum requirement.
 Prerequisite: Restricted to in-service special education teachers.
 Offered: As required.
- MATH 2205 Introduction to Statistics** (3-0-3)
 This is an elementary course in descriptive and inferential statistics. Areas covered include frequency distribution, graphing techniques, normal distribution, descriptive measures, probability, hypothesis testing, correlation, linear regression, and confidence intervals.
 Prerequisites: MATH 1001, MATH 1101, MATH 1111 or MATH 1113 or consent of Division Chair.
 Offered: All semesters.
- MATH 2218 Linear Algebra** (3-0-3)
 Theory and applications of systems of linear equations, vector spaces, and linear transformations. Fundamental concepts include: linear independence, basis, and dimension; orthogonality, projections, and least squares solutions of inconsistent systems; matrices, eigenvalues, eigenvectors, and applications to Markov chains.
 Prerequisites: MATH 2252 or MATH 1151 with consent of Division Chair.
 Offered: On demand.
- MATH 2252 Calculus II** (3-2-4)
 This is the second of a three semester sequence in Calculus. Calculus II includes a continuation of techniques of integration, applications of integration, plane analytical geometry, parametric equations, Taylor's theorem, sequences and series. A graphing calculator is required.
 Prerequisite: MATH 1151 or consent of Division Chair.
 Offered: Fall.
- MATH 2253 Calculus III** (3-2-4)
 This is the third of a three semester sequence in Calculus. Calculus III includes vector valued functions, vector derivatives, curvature, geometry of space, partial differentiation, functions of several variables, vector analysis, multiple integration, and applications of multiple integration. A graphing calculator is required.
 Prerequisite: MATH 2252 or consent of Division Chair.
 Offered: Spring.

- MATH 2451 Mathematics I for Teachers** (3-0-3)
 This course is designed for teachers of mathematics I as outlined in the new Georgia Performance Standards. The mathematics content will prepare teachers to teach the content in units 4, 5, and 6. In depth problem solving and interdisciplinary applications will be covered. In addition, the Mathematics Frameworks material will be thoroughly explored. The course will also review prerequisite content needed to master content for Units 4 through 6.
 Prerequisites: In-Service Teachers.
 Corequisites: None.
 Offered: On demand.
- MESA 0099 MESA Orientation** (1-0-1)
 This course assists students in acquiring the knowledge and skills necessary to reach their educational objectives in engineering, mathematics, and science-related fields. Topics include: career decisions and strategies, educational and personal enrichment, study skills and habits, time management, academic preparation, and success in college. Field trips may be required. Students receive a pass/fail grade. RESTRICTED to MESA students; exceptions approved by the MESA Director. May serve as an elective for majors in the Science and Math Division.
 Prerequisites: None.
 Corequisites: None.
 Offered: Fall, Spring.
- MLTS 1160W Medical Laboratory Technology I** (3-0-3)
 An in-depth study of the sciences of hematology and body fluids analysis. It deals with the morphology of blood and blood-forming tissues, the principles of blood sample collections, and the composition and function of multiple body fluids. Physiology and pathology are emphasized.
 Prerequisite: BIOL 1100K, CHEM 1211K, CHEM 1212K, BIOL 1115, SPCH 2110, and admission to the Medical Laboratory Technology Program or permission of the instructor.
 Offered: Spring, online & traditional options.
- MLTS 1160L Medical Laboratory Technology I LAB** (0-3-1)
 The laboratory component of the course is utilized to develop skills and competencies required to perform laboratory analysis of blood and body fluids.
 Prerequisite: MLTS 1160W.
 Offered: Spring.
- MLTS 1161W Medical Laboratory Technology II** (3-0-3)
 This course provides an introduction to the principles of immunology and provides the student with a concise and thorough guide to transfusion practices and immunohematology.
 Prerequisite: 1160W
 Offered: Summer, online & traditional options.

- MLTS 1161L Medical Laboratory Technology II LAB** (0-3-1)
 The laboratory component of the course is utilized to develop skills and competencies required to perform blood banking procedures and to maintain procedures for the efficient operation of a blood bank.
 Prerequisite: 1161W.
 Offered: Summer.
- MLTS 1300 Introduction to Histology** (2-3-3)
 This course emphasizes the introductory study of basic histology. Structure and identification of tissue systems and organs is emphasized at the cellular level. The laboratory component is structured to enhance the student's knowledge of certain histological preparations of human and veterinary tissue. Identification of images is achieved through virtual microscopy.
 Prerequisite: Admission to the Histology Program or permission of the program director.
 Offered: Fall and Spring.
- MLTS 1310W Histology I** (3-0-3)
 This course emphasizes some of the competencies required to perform routine histological procedures. These would include tissue fixation, principles and application of microtomy, embedding techniques, laboratory operations, decalcification, solution preparation and processing.
 Prerequisites: MLTS 1300 or permission of the program director.
 Corequisites: MLTS 1310L.
 Offered: Fall and Spring.
- MLTS 1310L – History I Lab** (0-3-1)
 The course is a laboratory component complementary to MLTS 1310W. It is utilized to develop entry level skills required to perform non-staining histological procedures.
 Corequisite: MLTS 1310W.
 Offered: Fall and Spring.
- MLTS 1320W Histology II** (2-0-2)
 This course emphasizes the fundamentals and clinical significance of routine and special histological staining procedures. The student will differentiate between different classes of special stains performed in a histology laboratory.
 Prerequisites: MLTS 1300 or permission of the program director.
 Offered: Fall and Spring.
- MLTS 1320L Histology II** (0-3-1)
 The laboratory component of the course is utilized to develop skills required to perform routine and special stains. Students will identify and provide clinical correlation of routine and special stains.
 Prerequisites: MLTS 1300 or permission of the program director.
 Offered: Fall and Spring.
- MLTS 1330 Histology III** (0-3-1)
 Students practice histotechnology procedures in a supervised histology lab setting. The laboratory component of the course is utilized to develop skills and competencies required to perform routine and special histology procedures.
 Prerequisites: MLTS 1300 or permission of the program director.
 Offered: Fall and Spring.

- MLTS 1340 Histology IV** (0-30-5)
 This course is the practicum designed to enhance and refine techniques taught in the first semester. Students are required to complete at least 300 clinical hours in an approved affiliate histology laboratory. Orientation to departmental and institutional policies and procedures is required.
 Prerequisites: MLTS 1300W, MLTS 1310W, and MLTS 1330 or permission of the program director.
 Offered: Spring and Summer.
- MLTS 1350 Histology V** (2-0-2)
 A study of immunohistochemistry procedures and interpretations.
 Prerequisites: MLTS 1300, MLTS 1310, MLTS 1320 and MLTS 1330 or permission of the program director.
 Offered: Spring and Summer.
- MLTS 1360 Histology VI** (1-0-1)
 Seminars in Histology: Various professional topics are presented for discussion including board exam reviews, professionalism, laboratory information systems and management principles.
 Prerequisites: MLTS 1300, MLTS 1310, MLTS 1320 and MLTS 1330 or permission of the program director.
 Offered: Spring and Summer.
- MLTS 2010W Medical Laboratory Technology III** (2-0-2)
 This course is a study of parasites, bacteria, viruses, mycobacteria, fungi, and their relationship to human disease states. Discussion is centered on the cultivation, methods of identification, antimicrobial susceptibility testing and serological diagnosis.
 Prerequisite: BIOL 1115.
 Offered: Fall, traditional & online options.
- MLTS 2010L Medical Laboratory Technology III LAB** (0-6-2)
 The laboratory component of the course develops the skills and competencies required to perform the diagnostic procedures.
 Prerequisite: MLTS 2010W.
 Offered: Fall.
- MLTS 2020W Medical Laboratory Technology IV** (3-0-3)
 An in-depth study of analytical techniques utilized to measure the biochemical entities of blood and various body fluids. The correlation of test results to human physiology and pathology is emphasized.
 Prerequisite: CHEM 1212K.
 Offered: Fall, traditional & online options.
- MLTS 2020L Medical Laboratory Technology IV LAB** (0-3-1)
 The laboratory component is used to develop the skills and competencies required to operate and standardize the instruments utilized in the performance of chemical tests. The use of quality control is emphasized.
 Prerequisite: MLTS 2020W.
 Offered: Fall.

- MLTS 2630 Medical Laboratory Technology Externship** (0-36-18)
 Students are introduced to the clinical laboratory in an affiliate clinical laboratory setting. The students receive an orientation to each department and an introduction to hospital policies and procedures. Each student rotates through appropriate departments and is allowed to demonstrate and develop their skills and competencies in blood bank, hematology, microbiology, chemistry, phlebotomy, and body fluid analysis under the supervision of the laboratory staff instructor.
 Prerequisites: MLTS 1160, MLTS 1161, MLTS 2010, MLTS 2020.
 Offered: Fall.
- MLTS 2670 Seminars in Medical Laboratory Science** (1-0-1)
 Seminar presentations on various topics related to medical laboratory science (topic reviews for board exams, professionalism, laboratory information systems, case presentations and/or other).
 Corequisite: MLTS 2630.
 Offered: Fall, traditional & online options.
- MUSC 1080 College Concert Band** (0-0-1)
 This course involves the study, rehearsal, and concert performance of literature for band. This course involves a performance ensemble open to college students and community members. Repertory is consistent with proficiency levels of participants, but is challenging. May be taken each semester. Required of woodwind, brass, and percussion music majors as their performance ensemble during enrollment. Additional rehearsals may be announced by the instructor.
 Prerequisite: Ability to play a band instrument at college level.
 Offered: Fall, Spring.
- MUSC 1090 College Choir** (0-0-1)
 This course involves the study, rehearsal, and concert performance of literature for choir. It's open to all students who enjoy singing. Repertory includes wide range of choral music representing all styles and periods. Extra rehearsals called at the discretion of the director. May be taken each semester.
 Prerequisite: None.
 Offered: Fall, Spring.
- MUSC 1100 Music Appreciation** (3-0-3)
 The course is an introduction to music history and literature. No musical background is required. Students expand knowledge in order to appreciate and understand a wide variety of musical styles. This course examines the evolution of Western art music from the earliest days of civilization to the present. The course is designed to arouse students' interest in music as art and to develop their ability to understand it and respond to it. The course offers opportunities to hear recorded music in class and to experience live music in concerts. MUSC 1100 and FIAR 2250 are related courses; only one can count toward graduation.
 Prerequisites: None.
 Offered: On demand.
- MUSC 1101 Elementary Music Theory I** (1-2-2)
 This course is a study of rhythm and its notation. Pitch and its notation, scales, keys, modes, and intervals, harmony (triads, chords, root positions, figured bass conventions). Harmonic analysis techniques, cadences, aspects of melodic construction, and voice leading principles.
 Prerequisite: None.
 Offered: Fall.

- MUSC 1102 Elementary Music Theory II** (1-2-2)
 This course is a study of voice leading principles (review), functional tonality, seventh chords, and form.
 Prerequisite: MUSC 1101.
 Offered: Spring.
- MUSC 1110 Applied Music for Non-Music Majors and Majors Wishing to Study a Secondary Area** (0-0-.5)
 A one-half hour private lesson each week and at least 2.5 practice hours per week, leading to basic proficiency and performance of standard repertoire. Students may take MUSC 1110 each semester until they complete the objectives of the course. MUSC 1110 does not satisfy the applied music requirement for a degree in music.
 Prerequisite: None.
 Offered: All semesters.
- MUSC 1111 Applied Music for Non-Music Majors** (0-0-1)
 A one hour private music lesson each week and at least five practice hours per week, leading to basic proficiency and performance of standard repertoire. Students may take MUSC 1111 each semester until they complete the objectives of the course. MUSC 1111 does not satisfy the applied music requirement for a degree in music.
 Prerequisite: None.
 Offered: On demand.
- MUSC 1113 Class Voice** (1-0-1)
 Class singing instruction designed for students who have little or no prior individual vocal instruction. The class introduces the student to beginning vocal technique in such areas as posture, breath management, correct vowel formation, English and Italian diction, rhythm, and pitch. The course also includes instruction in practicing and preparing songs for public performance. Students are expected to sing individually as well as with the group during class time and for the final exam. All music will be performed during class or during the scheduled final exam. No public performance is required. Students may repeat this class for credit until they complete the objectives of the course. Class voice does not satisfy the applied music requirement for a degree in music.
 Prerequisite : None.
 Corequisite : None.
 Offered: On demand.
- MUSC 1152 Instrumental Ensemble** (0-0-1)
 A performing ensemble open to college students and community members. Repertoire includes all types of traditional selections in accordance with proficiency levels of participants, but is challenging.
 Prerequisite: Ability to play a band instrument.
 Offered: Fall and Spring.

- MUSC 1153 Vocal Ensemble** (0-0-1)
 A performance ensemble with limited enrollment determined by audition. Repertoire includes traditional and contemporary selections in accordance with proficiency levels of participants. This performing ensemble dedicated to the study of choral music.
 Prerequisite: Audition, or approval of instructor.
 Corequisite: Enrollment in MUSC 1090.
 Offered: Fall and Spring.
- MUSC 1171 Class Piano** (0-0-1)
 Designed to enable the music major to successfully complete the piano proficiency exam required for graduation. Students should enroll in MUSC 1171 in successive semesters until all items of the exam are complete. Only music majors may enroll.
 Prerequisite: None.
 Offered: All semesters.
- MUSC 1172 Sight-Singing/Ear Training** (1-1-1)
 This course is designed to develop sight-singing skills involving ear-training and rhythmic studies. Course components include sight-singing, melodic and harmonic dictation, and rhythmic exercises. Students are expected to sing with the class and alone as assigned. This course is designed to enable the music major to successfully complete the sight-singing/ear training proficiency exam required for graduation. The student should enroll in MUSC 1172 in successive semesters until all items of the proficiency exam are completed.
 Prerequisite: None.
 Corequisite: None.
 Offered: All semesters.
- MUSC 1182 Seminars in Church Music I** (1-2-2)
 This course is an introduction to church music for students pursuing a Church Music Certificate. Students expand their knowledge of church music related topics for understanding and future application in the church environment. Students study, prepare, and refine various skills required of the position of Church Music Director/Leader. Presentations of church music related topics and areas of interests will be conducted. This course is limited to students in the Church Music Certificate Program.
 Prerequisite: None.
 Offered: Fall.
- MUSC 1183 Seminars in Church Music II** (1-2-2)
 This course advances development and skills in church music for students pursuing a Church Music Certificate. Students expand their knowledge of church music related topics for understanding and future application in the church environment. Students study, prepare, advance, and refine various skills required of the position of church Music Director/Leader. Presentations of church music related topics and areas of interests will be conducted. This course is limited to students in the Church Music Certificate Program.
 Prerequisite: MUSC 1182.
 Offered: Spring.
- MUSC 2201 Advanced Music Theory I** (1-2-2)
 This course is a study of borrowed chords, secondary dominants, secondary seventh chords, and analysis of small forms.
 Prerequisite: MUSC 1102. Offered: Fall.

- MUSC 2202 Advanced Music Theory II** (1-2-2)
 This course is a study of neapolitan and augmented sixth chords and other chromatic chord forms, chords of the ninth, eleventh, and thirteenth, and advanced modulation. Harmonic techniques of the classical period, Sonata form, the Rondo, nineteenth century harmonic developments, twentieth century compositional techniques, and recent musical developments will also be introduced.
 Prerequisite: MUSC 2201.
 Offered: Spring.
- MUSC 2211 Applied Music for Music Majors Only** (0-0-1)
 Designed for music majors. A one-hour private music lesson each week leading to advanced technical proficiency and performance of advanced solo literature. Students learn repertoire necessary for transfer into a music baccalaureate degree program. Students may take the course each semester until they complete the objectives of the course. A minimum of five hours of practice a week is required.
 Corequisite: MUSC 1090 (Voice Majors) or permission of program director; or MUSC 1080 (Instrumental majors) or permission of program director; or MUSC 1080 or 1090 (Guitar and Piano majors) or permission of program director.
 Prerequisite: None.
 Offered: All semesters.
- MUSC 2212 Applied Music for Music Majors Only** (0-0-1)
 Designed for music majors. A one-hour private music lesson each week leading to advanced technical proficiency and performance of advanced solo literature. Students learn repertoire necessary for transfer into a music baccalaureate degree program. Students make take the course each semester until they complete the objectives of the course. A minimum of five hours of practice a week is required.
 Corequisite: MUSC 1090 (Voice Majors) or permission of program director; or MUSC 1080 (Instrumental majors) or permission of program director; or MUSC 1080 or 1090 (Guitar and Piano majors) or permission of program director.
 Prerequisite: MUSC 2211, MUSC 1101, MUSC 1102.
 Offered: All semesters.
- MYTH 1000 Introduction to Mythology** (1-0-1)
 MYTH 1000 is a study of the mythology of a selected culture. Discussions will include allusions to mythological tales and figures found in culture, literature, and the arts, as well as the function of myth in society.
 Prerequisite: None.
 Offered: On demand.
- NURS 1101 Fundamentals of Nursing** (3-6-5)
 This course provides a fundamental foundation for the professional of nursing. The adult learner will be exposed to patient centered care model, teamwork, evidence-based practice and informatics. Principles of medication calculation and safe administration are emphasized. Development of personal responsibility and ethical behavior related to the profession of basic nursing skills will be acquired through supervised lab performance and selected clinical rotations.
 Prerequisites: Admission to the Nursing program.
 Corequisites: BIOL 2111K and NURS 1105.
 Offered: Every semester.

- NURS 1105 Pharmacology for Nurses** (begins Fall, 2009) (1-0-1)
 Pharmacology for Nurses provides a basic foundation of knowledge necessary for the safe administration of medications in nursing practice. The course encompasses drug classifications, actions, therapeutic dosages, side effects and patient education of selected medications. The important of interdisciplinary collaboration, informatics, evidence-based practice and accurate calculation of appropriate dosages in various measurement systems are stressed.
 Prerequisites: Admission to Nursing Program.
 Corequisite: BIOL 2111K.
 Offered: Every semester.
- NURS 1111 Adult Health I** (4-9-7)
 The course emphasizes quality and safety in nursing education core competencies, as it relates to the provision of patient centered care to people experiencing respiratory, circulatory, renal, digestive, endocrine, musculoskeletal, and neurological alterations. Development of personal responsibility and ethical behavior is acquired through supervised lab performance and clinical experiences with selected patients.
 Prerequisites: BIOL 2111K, NURS 1101, and NURS 1105 with grades of "C" or better.
 Corequisite: BIOL 2112K.
 Offered: Every semester.
- NURS 1112 Adult Health II** (4-9-7)
 Adult nursing II places emphasis on the adult learner's development of increasing knowledge and personal responsibility and ethical behavior in the care of adult patients. Common health care alterations which are chronic in nature and that may require surgical intervention are emphasized. Supervised clinical experiences provide adult learners with opportunities to refine safe, ethical nursing practice.
 Prerequisite: NURS 1111 and BIOL 2112K with a grade of "C" or better.
 Corequisite: NURS 2117.
 Offered: Every semester.
- NURS 1301 Fundamentals of Nursing (Health Care Professional Bridge)** (2-3-3)
 This course provides a fundamental foundation for the profession of nursing. The adult learner will be exposed to patient centered care model, teamwork, evidence-based practice and informatics. Principles of medication calculation and safe administration are emphasized. Development of personal responsibility and ethical behavior related to the profession of basic nursing skills will be acquired through supervised lab performance and selected clinical rotations.
 Prerequisites: Admission to Health Care Professional Bridge and BIOL 2111K.
 Corequisite: NURS 2313.
 Offered: Fall B Term annually.

- NURS 1311 Adult Health (Health Care Professional Bridge)** (5-9-8)
 The course emphasizes quality and safety in nursing education core competencies, as it relates to the provision of patient centered care to people experiencing respiratory, circulatory, renal, digestive, endocrine, musculoskeletal, and neurological alterations. Common health care alterations which are chronic in nature and that may require surgical intervention are emphasized. Development of personal responsibility and ethical behavior is acquired through supervised lab performance and clinical experiences with selected patients.
 Prerequisites: NURS 1301 and NURS 2313 and BIOL 2112K with grades of "C" or better.
 Corequisite: NURS 1105.
 Offered: Spring.
- NURS 2111 Maternal Child Nursing** (6-6-8)
 Using a holistic approach, NURS 2111 explores the roles of the nurse in safely providing quality care to meet the needs of families who have children within an interdisciplinary structure of care. Applies principles of health promotion from the antepartal period through adolescence and examines human growth, development, and responses to health deviation during these periods in the life cycle. Classroom and clinical instruction involves providing nursing care to antepartal, intrapartal, postpartal, and pediatric patients and incorporating evidence based practice and previously learned knowledge and skills.
 Prerequisites: NURS 1112 and NURS 2117 with grades of "C" or better.
 Corequisite: NURS 2113.
 Offered: Every semester.
- NURS 2113 Psychiatric Nursing** (1-6-3)
 This course focuses on the physiological, emotional, behavioral and sociocultural aspects of mental health and mental illness. The nurse's role as a collaborative member of the behavioral health team is introduced. The clinical rotations give the adult learner the opportunity to apply this knowledge to provide safe, effective patient centered care in a therapeutic milieu.
 Prerequisites: NURS 1112 with grades of "C" or better.
 Corequisite: NURS 2111.
 Offered: Every semester.
- NURS 2115 Adult Health III** (4-12-8)
 The final course in the Nursing program is designed to emphasize care of patients with complex acute as well as chronic multisystem disorders, and medical-surgical alterations. Supervised clinical experiences in high acuity unit will facilitate continued growth of student's professional practice. Supervised leadership roles in the clinical arena are provided for the students to enhance their management skill while directing their colleagues in providing safe patient care that meets entry level standards.
 Prerequisites: Completion of NURS 2111 with a grade of "C" or better and completion of all core courses.
 Offered: Every semester.

- NURS 2117 Leadership** (1-0-1)
 Emphasis is placed on the introduction of the fundamental principles of leadership & management responsibilities for the entry level registered nurse. Topics will include but not limited to such practice issues as: patient safety & quality care, effective delegation & supervision, communication, collaborative care, informatics, quality improvement. Nursing research & evidence based practice is also included.
 Prerequisites: NURS 1111 with Grade of "C" or better.
 Corequisite: NURS 1112 or 2311.
 Offered: Every semester.
- NURS 2311 Maternal Child Nursing (Health Care Professional Bridge)** (4-6-6)
 Using a holistic approach, NURS 2311 explores the roles of the nurse in safely providing quality care to meet the needs of families who have children within an interdisciplinary structure of care. Applies principles of health promotion from the antepartal period through adolescence and examines human growth, development, and responses to health deviation during these periods in the life cycle. Classroom and clinical instruction involves providing nursing care to antepartal, intrapartal, postpartal, and pediatric patients and incorporating evidence based practice and previously learned knowledge and skills.
 Prerequisites: NURS 1311 and NURS 2313 with grades of "C" or better.
 Corequisite: NURS 2115.
 Offered: Summer semester.
- NURS 2313 Psychiatric Nursing (Health Care Professional Bridge)** (1-3-2)
 This course focuses on the physiological, emotional, behavioral and sociocultural aspects of mental health and mental illness. The nurse's role as a collaborative member of the behavioral health team is introduced. The clinical rotations give the adult learner the opportunity to apply this knowledge to provide safe, effective patient centered care in a therapeutic milieu.
 Prerequisites: Admission to Health Care Professional Bridge and BIOL 2111K.
 Corequisite: NURS 1301. Offered: Fall B Term annually.
- OCEX 2290 Occupational Experience** (1-0-1); (2-0-2); (3-0-3)
 Directed work experience with a business firm, government agency, or other organization under the Cooperative Education program in an area of a student's preparation and interest. Cooperative Education may or may not count toward degree requirements. Check your program in the College catalog or seek help from a faculty member in your major department.
 Prerequisite: Completion of 9 semester hours with a 2.00 GPA & approval of instructor. Offered: All semesters.
- OTAS 1100 Introduction to Occupational Therapy** (2-3-3)
 The following concepts will be presented: Functional definitions of occupational therapy; the history of occupational therapy, philosophy, and ethics; the roles of occupational therapy professionals; and differentiation of occupational therapist and occupational therapy assistant responsibilities, the reimbursement for O.T. services and professional credentialing. An overview of the particular patient populations which an occupational therapy assistant might interact with is given. Specific types of treatment settings are explored in detail, with the scope of OTA practice examined, including the research data gathering role. Awareness of local and national occupational therapy organizations is emphasized. Demonstrated professional behaviors are encouraged
 Corequisites: OTAS 1105, ALHE 1115.
 Prerequisite: ALHE 1120 and admission to OTA program.
 Offered: Fall.

- OTAS 1104 Introduction to Disease Conditions** (2-0-2)
 The basic pathology of common disease conditions is examined. The effect of disease on each body system is studied, emphasizing etiology, diagnosis, prognosis, prevention, occupational therapy treatment methods, and precautions. The effects of pathology of disease across life-span occupational performance is presented.
 Corequisites: OTAS 1100, OTAS 1105, ALHE 1115.
 Prerequisite: ALHE 1120 and admission to OTA program.
 Offered: Fall.
- OTAS 1105 Patient Care Skills for the OTA** (1-3-2)
 Introduction of concepts and procedures of patient care in occupational therapy. Topics include patient positioning and draping, body mechanics, patient transfers, vital signs monitoring, infection control, aseptic techniques, therapeutic exercise, ADA awareness, confidentiality, adjustment and maintenance of assistive equipment, and safety.
 Corequisites: OTAS 1100, ALHE 1115.
 Prerequisite : ALHE 1120 and admission to OTA program.
 Offered: Fall.
- OTAS 1111 Functional Anatomy and Kinesiology** (2-6-4)
 Analysis of human movement and its impact on function through the integration of biomechanics, kinesiology and applied anatomy. Principles will be reinforced through a problem-solving approach for understanding movement. Goniometric measurements and manual muscle testing of the upper and lower extremities, trunk, and head will be included.
 Corequisites: OTAS 1100, OTAS 1104, OTAS 1105, ALHE 1115.
 Prerequisite: ALHE 1120 and admission to OTA program.
 Offered: Fall.
- OTAS 1121 Therapeutic Media** (1-3-2)
 Lecture and laboratory course emphasizing basic media and activities in a therapeutic setting. Focus is placed in lecture sessions on activity analysis. Laboratory focus is based on application of analysis to therapeutic intervention situations. Skill attainment in relation to the actual process of different media tasks will be encouraged.
 Corequisites: OTAS 1145.
 Prerequisites: OTAS 1100, OTAS 1105, ALHE 1115.
 Offered: Spring.
- OTAS 1131 Physical Function in Occupation I** (2-6-4)
 The role of the OTA in the evaluative process, treatment, documentation, and reassessment is presented. Recognition of specific skills related to adaptive procedures and the grading of tasks for maximized patient gains is examined. Treatment techniques and considerations for specific patient populations with physical dysfunction related issues are presented.
 Corequisites: OTAS 1121, OTAS 1140, OTAS 1145.
 Prerequisites: OTAS 1100, OTAS 1104, OTAS 1105, OTAS 1111, ALHE 1115, OTAS 1121.
 Offered: Spring.

- OTAS 1132 Physical Function in Occupation II** (3-3-4)
 A continuation of the OTS 1131 course. Emphasis is placed upon the OTA in the evaluative process, treatment role, and documentation for the patient population related to physical dysfunction. The role of the OTA across the continuum of care is viewed. Systematic examination of the OTA in the treatment process and appropriate problem-solving is encouraged. Level I fieldwork is a component part of this course offering.
 Corequisites: OTAS 2200, OTAS 2250, OTAS 2260, ALHE 2050.
 Prerequisites: OTAS 1100, OTAS 1104, OTAS 1105, OTAS 1111, OTAS 1115, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1115.
 Offered: Summer.
- OTAS 1140 Psychosocial Function in Occupation** (2-3-3)
 Etiology, diagnosis, and treatment of psychiatric conditions encountered in the clinical setting by Occupational Therapy Assistants. Occupational therapy treatment techniques for remediation and prevention across the life-span continuum are covered. Recognition of the use of psychotropic medications in psychiatric treatment and corresponding possible side effects are studied. Level I fieldwork observations and field trips will be part of this course.
 Corequisites: OTAS 1121, OTAS 1131, OTAS 1145.
 Prerequisites: OTAS 1100, OTAS 1104, OTAS 1105, OTAS 1111, ALHE 1115, OTAS 1121.
 Offered: Spring.
- OTAS 1145 Developmental Function in Occupation** (2-3-3)
 Examination of the process of evaluation, treatment, and documentation for the OTA in settings working with a caseload involving developmental dysfunction. Emphasis is placed on developmental factors across ages and populations. Adaptive coping techniques and skills will be explored, with focus on practical problem-solving. Level I fieldwork placement will be a component part of this course offering.
 Corequisites: OTAS 1121.
 Prerequisites: OTAS 1100, OTAS 1105, ALHE 1115, OTAS 1121.
 Offered: Spring.
- OTAS 2200 Assistive Techniques and Technologies** (2-3-3)
 The use and modification of adaptive devices and equipment is studied. Creative problem-solving regarding specific medical conditions is encouraged through the development of adaptive equipment. Proper patient positioning in the therapeutic and home environment is examined. Further development of static and dynamic splinting skill techniques for diverse patient treatment needs will be learned. The ability to analyze and problem-solve regarding overcoming environmental barriers is fostered. Issues related to increasing safety and functional mobility are explored.
 Corequisites: OTAS 1132, OTAS 2250, OTAS 2260, ALHE 2050.
 Prerequisites: OTAS 1104, OTAS 1105, OTAS 1111, OTAS 1115, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1115.
 Offered: Summer.

- OTAS 2250 Therapeutic Groups for OTA** (1-3-2)
 A lecture and laboratory course designed to develop skills for group leadership in the diverse practice areas of occupational therapy. Techniques for therapeutic group treatment in relevant health care practice areas will be presented. Groups related to patient education will be covered in this course offering. Emphasis will be placed upon the therapeutic use of self in the group treatment process. An environment conducive to experiential learning, with the student actively practicing group leadership skills, will be fostered. Knowledge developed in the Psychosocial Dysfunction and Treatment course, OTAS 1140, and the Personal and Professional Development course, OTAS 2100, will be applied in this setting. Corequisites: OTAS 1132, OTAS 2200, OTAS 2260, ALHE 2050. Prerequisites: OTAS 1104, OTAS 1105, OTAS 1111, OTAS 1115, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1115. Offered: Summer.
- OTAS 2260 Treatment Methods for the OTA** (1-3-2)
 This course enables the student to apply specialized occupational theory, skills, and concepts learned in the didactic coursework to the clinic. Topics include common diagnoses seen, treatment environments, and treatments for areas of occupation including ADL, IADL, education, work, play, leisure, and social participation. Students will be required to develop applications for enabling function for mental health and physical well-being through occupational therapy assessment/evaluation, intervention, and patient/client education. Techniques and applications used in traditional and non-traditional practice settings will be explored. Students will develop an awareness of activity demands, contexts, adapting, grading, and safe implementation of occupations or activities. Course will also create a discussion forum addressing events, skills, knowledge, and/or behaviors related to the practice environment. This will include legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation. Test-taking strategies for certification exams and the process for getting licensed will also be presented. Corequisites: OTAS 1132, OTAS 2200, OTAS 2250, ALHE 2050. Prerequisites: OTAS 1104, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145. Offered: Fall.
- OTAS 2400 Fieldwork Experience Level II** (0-80-6)
 The OTA student, having completed the didactic learning portion of the curriculum, is assigned one 16 week internship. The fieldwork program involves the student in experiences with clients, patients, therapists, and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. Fieldwork will be available in a variety of settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of didactic course work. Prerequisite: Completion of all didactic course work. Offered: On demand.

OTAS 2410 Fieldwork Experience Level II A (0-40-3)

Full-time fieldwork experience following the completion of all didactic course work. The fieldwork program involves students in experiences with clients, patients, therapists, and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. The fieldwork will be available in various settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of the didactic course work.

Prerequisite: Completion of all didactic course work.

Offered: Fall.

OTAS 2420 Fieldwork Experience Level II B (0-40-3)

Full-time fieldwork experience following the completion of all didactic course work. The fieldwork program involves students in experiences with clients, patients, therapists, and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. The fieldwork will be available in various settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of the didactic course work.

Prerequisite: Completion of all didactic course work.

Offered: Fall.

PARA 1110 Introduction to the Paralegal Profession (3-0-3)

This course introduces the paralegal profession and the structure, function, and procedures of the legal system. Courtroom procedures, preparation of documents, case analysis, legal reasoning, career opportunities, certification, and professional affiliations will be explored with an emphasis on issues of ethics and confidentiality.

Corequisite: Minimum COMPASS reading score of 78 or enrollment in READ 0099.

Prerequisite: None.

Offered: Fall.

PARA 1120 The Understanding of Law (3-0-3)

This course provides an introduction to the substantive areas of law, including contracts, property, torts, estates and probate, and criminal law, with an emphasis on developing practical paralegal skills. Students will analyze complex factual scenarios and will develop basic legal research and writing skills.

Corequisite: Minimum COMPASS reading score of 78 or enrollment in READ 0099.

Prerequisite: None.

Offered: Fall semester, odd years.