continuity, functions of several variables, and finite and infinite series.

**MATH 409  NUMERICAL ANALYSIS (3)**  
*Prerequisite: MATH 211.* This course examines some commonly used numerical methods for the solutions of linear and non-linear equations and systems; difference calculus and interpolation; numerical differentiation and integration.

**MATH 420  TOPOLOGY (3)**  
*Prerequisite: MATH 260.* This course explores basic concepts of a topological space; continuous functions and mappings; separation axioms; metric spaces; deformations; and topology of plane sets.

**MATH 451  SENIOR PROJECT (3)**  
*Prerequisites: Senior standing and at least three mathematics courses numbered 300 or higher.* This course serves as a capstone for those students with a major in mathematics. The student does an intensive study of a mathematics topic of his/her choice under a supervising professor. This study must involve a synthesis of available material on the topic including (but not limited to): traditional books, journal articles, and web-based materials. The student must write a research paper on the topic and present it to a faculty committee.

**MUSEUM STUDIES COURSES (MST)**

**MST 101  INTRODUCTION TO MUSEUM STUDIES (3)**  
This course is a survey of the history, mission, methods, contemporary applications, and future roles of museums. Images, text, and additional readings comprise the primary teaching aids, and the Daura Gallery and Historic Sandusky are used as teaching resources as well. Field trips are made to museums, especially those with disciplines other than art, to provide an understanding of all types of museums including art, material culture, natural history, anthropology, and historical sites.

**MST 102  THE GREAT AMERICAN MUSEUM (1)**  
Since the early 20th Century, American museums have been centers of education and interpretation (teaching through the use of original objects). This course focuses on one significant American museum through the examination of its history, mission, interpretation of its collection, and current educational and social roles. The course will be taught in the Fall semester from the opening day of classes through Fall Break. The course will culminate with travel to a selected museum over Fall Break. The trip and travel fee are required.

**MST 201  CURATORIAL PRACTICES (3)**  
This course focuses on the identification and understanding of tangible objects within the historical perspective, their relevance and use by museums of all types, and the application of curatorial methodology and care of collections. Historical, artistic, decorative, and scientific objects will be examined for authenticity, composition, history, and value. The Daura Gallery will be used as a teaching resource.

**MST 301  LEGAL AND ETHICAL ISSUES IN MUSEUM STUDIES (3)**  
This course examines the ethical and legal issues of governance, administration and collections management facing museums in the new millennium. LCSR.

**MST 302  MUSEUMS IN THE PUBLIC DIMENSION (3)**  
*Prerequisite: MST 101.* A course focusing on the theory and practice of museum education, exhibitions, and programming. As part of this course, students will curate an exhibition for the Daura Gallery. LCSR.

**MST 377  STUDY ABROAD (3)**  
*Prerequisite: MST 101.* This course is a specialized program for museum studies students to study abroad at museums in Europe, Asia, Australia, New Zealand, Africa, North America outside the U.S., or South America. Students will examine issues of cultural patrimony, and the similarities and differences between missions, collections, exhibitions, and public services of museums throughout the world.

**MST 397  INDEPENDENT STUDY IN MUSEUM STUDIES (1-3)**  
*Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.
MST 398  SPECIAL TOPICS IN MUSEUM STUDIES (1-3) [credit depends on topic]  Prerequisite: A background of work in the discipline. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

MST 399  INTERNSHIP IN MUSEUM STUDIES (1-12)  Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration. This internship in a museum, gallery, historic site, or science center must be appropriately related to the student’s major and career objectives. (See “internships”).

MUSIC COURSES (MUSC)

APPLIED MUSIC
Private instruction in applied music is available to all students. All work is adapted to the ability and needs of the individual student. An extra, non-refundable fee is required. For music majors whose applied lessons are in the area of their projected senior project, e.g., voice lessons toward a senior voice recital, the College will waive the lesson fee. Private lessons are courses that may be required of students to meet proficiency standards. Lessons begin in the second complete week of classes each semester. Normally, students will receive one lesson each week for thirteen weeks each semester. Private lessons are listed as “TBA” by the Office of the Registrar. The student will arrange his/her lesson time. There is no overload fee for any of the applied music courses (001-010).

MUSC 001 Piano (.5 or 1)
MUSC 002 Organ (.5 or 1)

The beginning student in organ must display technical proficiency at the piano to the satisfaction of the instructor.

MUSC 003 Voice (.5 or 1)
MUSC 004 Woodwinds (.5 or 1)
MUSC 005 Brass (.5 or 1)
MUSC 006 Percussion (.5 or 1)
MUSC 007 Strings (.5 or 1)
MUSC 008 Composition (.5 or 1)
MUSC 010 Classical Guitar (.5 or 1)

MUSIC ENSEMBLES
College music ensembles are available to all students. Overload fees, if applicable, are waived by the College for any ensemble participation.

MUSC 016  PERCUSSION ENSEMBLE (1)  Corequisite: MUSC 021. The purpose of this organization is to develop ensemble techniques by studying and performing both standard and contemporary percussion literature. The ensemble is open to all students and faculty/staff members of Lynchburg College as well as interested community members. Lynchburg College students are required to co-enroll in MUSC 021. An audition is required. Repeatable for credit.

MUSC 017  BRASS ENSEMBLE (1)  Corequisite: MUSC 021. The purpose of this organization is to develop ensemble techniques by studying and performing both standard and contemporary brass literature. The ensemble is open to all students and faculty/staff members of Lynchburg College as well as interested community members. Lynchburg College students are required to co-enroll in MUSC 021. An audition is required. Repeatable for credit.

MUSC 018  ORCHESTRA (1) The purpose of this organization is to develop ensemble techniques, music reading ability, and general musicianship and to acquaint students with a wide variety of orchestra music. For music majors who will become teachers, the Orchestra will provide experience in organization, music selection, and program planning. The Orchestra performs numerous times a semester on campus and within the Central Virginia area. Open to all students by audition.

MUSC 019  CHAMBER MUSIC ENSEMBLE (1) This is an opportunity to be involved with the smaller, more intimate forms of music called chamber music. Instrumentalists and vocalists may create their own ensembles, which may include duo-piano or accompanying, but must meet two hours a week with