

- 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 Dean.  
 Offered: Fall and Spring.
- 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 Dean.  
 Offered: Spring.
- 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. 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: Admission to the Medical Laboratory Technology Program or permission of the Director.  
 Corequisite: MLTS 1160L.  
 Offered: Fall, 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.  
 Corequisite: MLTS 1160W.  
 Offered: Fall. Online and traditional options.
- 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: Admission to the MLT Program or permission of Program Director.  
 Corequisite: MLTS 1161L.  
 Offered: Spring, online & traditional options.