



University of Missouri – Kansas City - Fall 2022

Business Accelerator Strand

ENT 215 – Introduction to Entrepreneurship - Credits: 3

Course Description:

A course modified from past offerings to target skills development for student's entering the field. This course explores the entrepreneurial mindset. In the course, students will utilize play, creative problem solving, design thinking, and creativity tools while exploring skills to mitigate risk and recognize opportunities.

Engineering and Advanced Manufacturing Strand

MECH-ENG 130 Engineering Graphics - Credits: 3

Course Description:

Introduction to Engineering Graphics with the use of the Computer Aided Design tools AutoCAD and SolidWorks. Introduction to 2D design with AutoCAD includes: basic features, layer control, geometric constructions, orthographic projections, dimensioning and notes, tolerancing, section views, and working drawings. Introduction to 3D design with SolidWorks includes: part modeling, revolved features, sweeps, lofts, assembly modeling and engineering drawings. No previous 2D or 3D CAD experience is necessary to take this class.

Global Business and Logistics Strand

MGT 100 - Foundations of Business - Credits: 3

Course Description:

The course provides an introduction to the functional areas of business (e.g., accounting, systems, finance, marketing, human resources, and entrepreneurship) as well as a number of contemporary business topics, including social responsibility, diversity, ethics, and globalization. Additionally, students will be exposed to various topics that facilitate a successful transition from high school to college. Examples include an overview of University and Bloch School resources, development of effective study habits, time and stress management, selection of a major and career options.

Medicine and Healthcare Strand

HLSC 101 – Introduction to Health Science - Credits: 2

Course Description:

This course is designed as an introduction to the field in health science. Students will explore the basic concepts related to this field including understanding one's role in health careers, protection against communicable diseases, facilities related to the healthcare profession, health insurance, ethics in healthcare, and workplace injuries. The course will also introduce the student to a wide array of health sciences professions including, but not limited to, environmental health science, occupational health, ergonomics, radiological health, toxicology, clinical medicine, dental and nursing practice, drug discovery and safety assessment in the pharmaceutical/chemistry industry, biotechnology, and careers in government agencies.

Instructions and more information on applying for credit can be found on the UMKC Dual Credit website: <https://www.umkc.edu/hscp/>