

ACCIDENT INVESTIGATION

- **SFTY 205 FALL – *Principles of Accident Investigation***
 - This course is an introduction to the process required for the investigation of accidents. Topics will include different methods of accident investigation, such as root cause analysis and Management Oversight Risk Tree (MORT) among others. Further topics will include filing appropriate accident reports and application of corrective actions.
- **ASCI 202 SPRING – *Introduction to Aeronautical Science***
 - An introductory course in aeronautical sciences that provides students an orientation in aviation topics appropriate to Aeronautical Science degree programs. Subjects include: the aviation profession, the science of flight, safety, security and human factors; aviation resources; the aviation environment; and meteorology



UAS

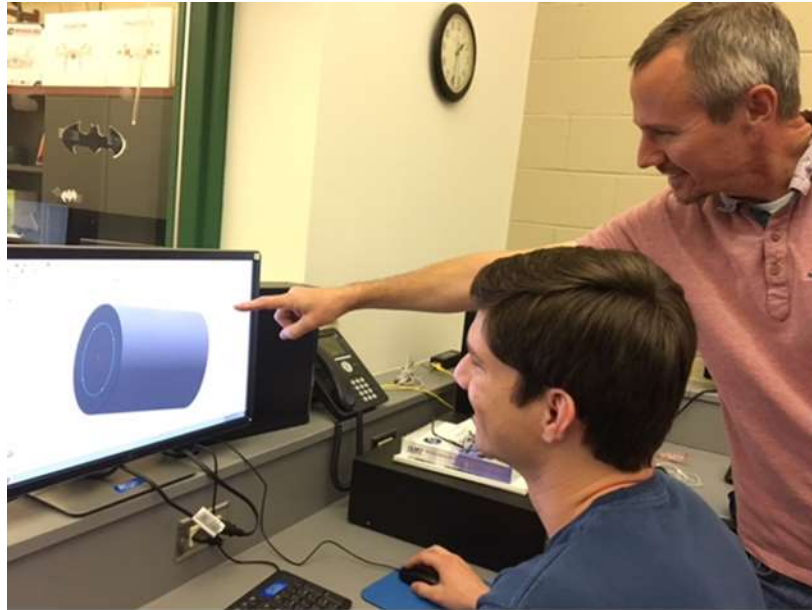
- **ASCI 260 FALL – *Unmanned Aerial Vehicles and Systems***
 - This course is a survey of Unmanned Aerial Vehicles (UAV) and systems, emphasizing the military and commercial history, growth and applications of UAVs. Course will include basic acquisition, use and operation of UAVs with an emphasis on operations.
- **SFTY 210 SPRING – *Introduction to Aerospace Safety***
 - This course provides an introduction and overview of the theories, concepts, applications, and practices of the field of aerospace safety. This course is designed for the beginning aviation safety students and covers topics such as human factors, mechanical factors, accident investigation, safety programs, and safety statistics.

ENGINEERING

- **ENGR 101 FALL - *Introduction to Engineering***
 - Introduction to interdisciplinary aspects of the engineering of aerospace systems is project-based, demonstrating how the engineering profession is a multi-disciplinary

field. Students are involved in an array of conceptual exercises, simple design activities, and projects dealing with engineering in aerospace-related areas.

- **ENGR 119 SPRING – *Graphical Communications***
 - o Students will use free-hand pencil sketching and CAD and Auto CAD Inventor's tools for graphical communication of engineering designs. Standard form for design graphics and view layout, orthographic projection, section and auxiliary views, dimensioning, tolerance, introduction to shop processes



MANAGEMENT

- **MGMT 201 FALL – *GLA Introduction to Management Principles***
- **MGMT 295 SPRING – *GLA Introduction to Logistics***
 - **This course provides the opportunity to earn college credit and an industry certification.** It focuses on the general knowledge of logistics / supply chain and the associated functions necessary for the delivery of goods. Students will have the opportunity to earn the Global Logistics Associate entry level certification with successful completion of a comprehensive exam administered by the American Production Inventory Control Society (APICS). The GLA Certification is an internationally recognized program that acknowledges the completion of rigorous coursework in logistics and supply chain for entry level positions.