HUMA 1XX, German Culture through Film. (3 cr., 3 cl hrs.)

This course explores German history from the end of the monarchy in 1918 up to the 21st century, using films ranging from the silent era, through Nazi documentaries and "rubble" films, up to modern treatments of reunified Germany. Students will learn film terminology, and analyze the director's use of various techniques, as well as gain an understanding of important issues in recent European history.

HIST 1XX, 1XXL. Full STEAM Ahead, Part 1 (4 cr., 3 cl. hrs., 1 lab hr)

This course is an introduction to the history of science and technology up to and including the invention of the steam engine. It offers an overview of historical evolution of fundamental scientific concepts and technological developments in various cultures of the world. This course is offered to the members of the Learning and Living Community and fulfills a General Education Core requirement.

SS1XX – Introduction to Science and Technology Studies (3 cr., 3 cl. Hrs)
The aim of this course is to challenge commonly accepted beliefs regarding technoscience, including the presumption that the "best" technology always wins and the notion that science is never political. Through an examination of historical and contemporary examples, students will explore the cultural, organizational, economic, and political drivers and consequences of scientific R&D and technological change.

SS2XX – Unintended Consequences, Accidents, and Disasters (3 cr., 3 cl. hrs)

A science and technology studies examination of how different cognitive, organizational, political, and technical factors influence people's ability to cope with the complexities and uncertainties of technoscientific endeavors. Through a survey of unanticipated consequences, organizational failures, and other human-produced disasters, students will explore how humanity might proceed more thoughtfully, carefully, and fairly with respect to innovation and sociotechnical change.

SS2XX – Environment, Science, and Technology (3 cr., 3 cl. Hrs.)

This science and technology studies course challenges students to think more carefully and critically about environmental problems and controversies, examining the cognitive, cultural, economic, political, and communicative roots of disagreements over climate change, genetically-modified organisms, and other issues. Students will also explore the extent to which contemporary efforts, including "green" consumerism and renewable energy technologies, can solve the problem of environmental and ecological degradation.

SS3XX – The Digital Age and Its Discontents (3 cr., 3 cl hrs)

Prerequisites: ENGL 112 or consent of instructor.

This science and technology studies course examines the social and political consequences of digital technologies, including their influence on social interaction, people's intimate relationships, economic arrangements, and the practice of democracy. Through an exploration of recent scholarship and critical dystopian imaginaries, students will reflect upon the risks, double-binds, and injustices of the digital age as well as inquire into the possibilities for achieving more desirable digital modernities.

HUMA/MUS 3XX, Song and Society (3 cr., 3 cl hrs.)
Prerequisite ENGL 112 or consent of instructor

This course is a dialogue about music, specifically song, and its role in the development of human society. According to a theory proposed by Dr. Daniel Levitin there are 6 categories of song which helped form our human society; Friendship, Joy, Comfort, Knowledge, Religion, and Love. These will serve as a basis for the class. Within the context of these categories there can be many sub-divisions to be explored. Students may suggest new divisions and choose songs within those divisions. The class will include lectures, discussions, and student participation. Each student will make a personal song selection for each category, discuss and defend their choice in class, and in their final essay.

TC 361, Advanced Visual Communication: Data Visualization, 3 cr, 3 cl hrs
Prerequisites: ENGL 112 or consent of instructor
STEM professionals constantly visualize data both mentally and physically. Understanding how different professionals and fields visualize data is critical to improving professional communication. In this course, students learn how to observe STEM professionals at work, analyze and interpret the results, and apply them in their own work.

TC 561, Data Visualization, 3 cr, 3 cl hrs Prerequisites: Graduate Standing or Consent of Instructor
STEM professionals constantly visualize data both mentally and physically. Understanding how different professionals and fields visualize data is critical to improving professional communication. In this course, students learn how to observe STEM professionals at work, analyze and interpret the results, and apply them in their own work. Shares lecture with TC 361, with additional expectations for graduate credit.

TC 3XX, Writing Theory and Practice. (3 cr, 3 cl hrs)
Prerequisites: ENGL 112 or consent of instructor

In this advanced composition course, we explore processes and theories from fields such as rhetoric, composition, and technical communication. Multiple genres of writing are discussed, from reflective to research writing.