

TCOM 2030: Research in Technical Communication

3 Credit Hours

Prerequisite: TCOM 2010

This course is an introduction to research methods used by practitioners and scholars in technical communication. Students explore the relationship between theory and research and learn how to design and carry out empirical studies using both quantitative and qualitative methods. Emphasis is placed on the research methods used in workplace settings to design user-centered information products and to test their usefulness and usability.

TCOM 2050: Issues in Digital Accessibility

3 Credit Hours

This class focuses on disability issues relevant to both the development and use of web and other technologies, mandatory compliance (Section 508) and the ways in which technologies can be made compliant through captioning, proper deployment of HTML code, and more. Students gain an overview of the technological needs and the laws for accommodating persons with disabilities including the assistive technologies available for persons with disabilities (blindness/visual impairments, audiological disabilities, physical disabilities, and cognitive disabilities).

TCOM 3011: Technical Writing II

3 Credit Hours

Prerequisite: TCOM 2010

The course allows students to build on their knowledge of technical writing and explore advanced styles, techniques, and genres used by technical communication practitioners. Topics covered may include writing style in technical communication, and common technical communication genres not covered in TCOM 2010; these genres may include but are not limited to white papers, technical descriptions, technical specifications, professional posters, laboratory reports, and policies and procedures.