TCOM 4045: Multi-Media for Technical Communicators

3 Credit Hours

Prerequisite: TCOM 2010. Non-majors: by permission of the Department

This course is a study of the foundations of multi-media including theory, planning, scripting, storyboarding, and production for technical communicators. Projects in the class include developing multimedia-based process/mechanical descriptions, instructions and interactive graphics for product end users and customers. Students submit research work on the theory of multi-media.

TCOM 4050: Instructional Video

3 Credit Hours

Prerequisite: TCOM 2010. Non-major: by permission of the Department.

This course addresses the theory and practice of developing "how-to" videos for product end users and customers. Fundamentals of instructional design, including audience analysis, goal analysis, formative and summative evaluation, are applied. Contemporary video technologies are used to generate products that instruct and inform end users/customers. Evaluation of technologies, content transfer, aesthetics and cultural considerations are addressed. Students assess commercially prepared videos and plan for incorporating them in training.

TCOM 4120: Usability

3 Credit Hours

Prerequisite: TCOM 2010. Non-major: by permission of the Department.

This course introduces students to UX (User Experience) and usability testing. Included in the course is a review of the relevant research and practical applications of usability testing. Students learn how to develop strategies for planning, conducting, and analyzing a test. In teams, students perform tests using online testing tools, low-fidelity in-person methods, and formal usability lab settings. A final testing report with qualitative and quantitative results is required.

TCOM 4400: Directed Study

3 Credit Hours

Prerequisite: To be determined by the faculty member teaching the course

This course addresses specific student needs for a specific technical communication topic not covered in the technical communication curriculum.