

## Suggested Allied Fields for Graduate Certificate in Technical Communication

All Graduate Certificate in Technical Communication students must take two courses in an allied field. This list presents several options for allied field courses, though others may be approved. When selecting an allied field, students should consider their background, interests, and career goals as well as the prerequisites (PR), course descriptions, and expectations of other departments. All Certificate students must meet with the Director of Business and Technical Writing to develop their allied field as part of completing their Program of Study. For questions, please contact Dr. Ryan Weber at [rw0019@uah.edu](mailto:rw0019@uah.edu).

### **Business Administration**

**BLS 500** – Law, Ethics, Business

**BLS 625** – Legal Aspects of Engineering

### **Computer Science**

**CS 513** – Introduction to Computer Architecture

**CS 520** – Computer-Based Instructional Technologies

**CS 524** – Programming Languages (PR: CS 317 and proficiency in a programming language)

**CS 543** – Intro to Multimedia Systems (PR: CS 490)

**CS 545** – Introduction to Computer Graphics (PR: Familiarity with C+)

**CS 548** – Human-Computer Interaction (PR: CS 545)

**CS 560** – Current and Emerging Instructional Technologies (PR: CS 520)

**CS 585** – Introduction to Computer Security (PR: 490)

**CS 643** – Multimedia Systems (PR: CS 543)

### **Education**

**ED 520:** Computer-Based Instructional Technologies

**ED 560:** Current and Emerging Instructional Technologies (PR: ED 520)

### **Engineering Management**

**EM 660** – Engineering Management

**EM 661** – Strategic Engineering Management (PR: EM 660)

**EM 664** – Teams in Action (PR: EM 660 or EM 666)

**EM 666** – Engineering Project Management

**EM 760** – Organization Structure for the Technical Enterprise (PR: EM 660)

**EM 766** – Managing Change in High Technology Organizations (PR: EM 766)

### **Information Systems**

**IS 500** – Business Intelligence (PR: IS 301)

**IS 501** – Introduction to Information Assurance

**IS 520** – Web Portals and Applications (PR: IS 301)

**IS 540** – Web Programming and Database Integration (PR: IS 520)

**IS 565** – Web Server Environment and Internet Technologies (PR: IS 520)

**IS 597** – Information Systems Design (PR: IS 310/IS 340)

**IS 634** – Management of Information Technology

### **Linguistics**

**EH 505** – Survey of General Linguistics

**EH 507** – Advanced English Grammar Studies

**EH 508** – History of the English Language

### **Management**

**MGT 570** – Special Topics in Technology Management

**MGT 600** – Organizational Theory, Behavior, and Management

**MGT 601** – Introduction to Technology Development

**MGT 610** – Introduction to Strategic Management of High Technology Firms (PR: Permission)

**MGT 622** – Management of Technical Professional (PR: MGT 600)

**MGT 623** – Organizational Theory (Prereq: MGT 600)

**MGT 640** – Principles of Project Management

### **Marketing**

**MKT 600** – Survey of Marketing Management

**MKT 602** – Market Research Design (PR: MKT 600)

**MKT 604** – New Product Development (PR MKT 600 and FIN 601)

**MKT 606** – Marketing in a High Technology Environment (PR: MKT 604)

### **Modeling and Simulation**

**MOD 501** – Survey of Modeling and Simulation

**MOD 591** – Modeling and Simulation for Integrated Product Development (Prereq: MOD 501)

**MOD 596** – Selected Topics in Modeling and Simulation (Prereq: Instructor Approval)

**MOD 620** – M&S in Test and Evaluation (Prereq: MOD 501)

### **Psychology**

**PY/ISE 502** – Industrial and Organizational Psychology

**PY/ISE 503** – Human Factors Psychology

**PY 507** – Cross Cultural Psychology

**PY 610** – Experimental Design

**PY 613** – Non-Experimental Design

### **Nursing**

**NUR 638** – Health Care Informatics

**NUR 733** – Informatics for Advanced Practice Nursing

View additional courses and detailed course descriptions online at the UAH course catalog: <http://catalog.uah.edu/>