

Choosing the Right Technical Courses for Your Career

A Worksheet for Arts, Humanities, and Social Science Majors

As an Arts, Humanities, and Social Science (AHSS) major in the technical writing minor, you will take 9 hours of technical or business courses to develop subject matter expert (SME) knowledge in a particular discipline. The goal of the program is to improve your marketability and your ability to communicate with technical SMEs at your future job. However, choosing technical courses can be difficult and confusing because of the huge variety of courses and challenges of specialized subject matter.

The table below helps you match technical courses to your career goals. Find your career goal in the blue boxes and then check out the recommended sequence of courses suited for that goal.

You should choose technical courses in a field where you believe you can do well. Keep in mind the challenges and expectations of different disciplines, and consider contacting the professor or department which offers the courses you're interested in to learn more about the curriculum and expectations. The sequences below start with classes that have few, if any, prerequisites, but some courses require math prerequisites or corequisites, so check the UAH course catalog (<http://catalog.uah.edu/>) for more information about each class. When sequences contain more than 9 hours of classes, students can consider using their electives to complete the sequence.

Remember that four of the seven technical writing minor must be at 300 level or above. Contact Dr. Weber (rw0019@uah.edu) for more information and advising concerning technical courses.

Work in the Aerospace Industry		
ENG 100	Exploring Engineering	1 credit hour
ENG 101	Intro Computer Engineers	3 credit hours
MAE 115	Introduction to Machining	1 credit hour
MAE 200	Principles of Aeronautics and Astronautics	3 credit hours
MAE 211	Intro Computational Tools	2 credit hours
(Most courses include math prerequisites or corequisites).		
Work with Computers at an Engineering Firm		
ENG 101	Intro Computer Engineers	3 credit hours
CPE 112	Introduction to Computer Programming in Engineering	3 credit hours
CPE 221	Computer Organization	3 credit hours
Work with Common Business Computer Applications		
IS 146	Computer Applications in Business	3 credit hours
IS 210	Introduction to Computer Programming in Business	3 credit hours
IS 301	Information Systems in Organizations	3 credit hours
Work with Computer Programming Languages		
IS 114	Web Publishing Using HTML	1 credit hour
CS 100	Introduction to Computers and Programming	3 credit hours
CS 102	Introduction to C Programming	3 credit hours
CS 103	Introduction to Java	3 credit hours

Work as a Graphic Designer		
ARS 123	Two Dimensional Design and Color Theory	3 credit hours
ARS 230	Introduction to Graphic Design	3 credit hours
ARS 330	Graphic Design: Print Media I	3 credit hours
Work as a Web Designer		
IS 114	Web Publishing Using HTML	1 credit hour
ARS 123	Two Dimensional Design and Color Theory	3 credit hours
ARS 230	Introduction to Graphic Design	3 credit hours
ARS 332	Graphic Design: Web Design	3 credit hours
Work as a Medical Writer		
BYS 119	Principles in Biology	4 credit hours
BYS 201	An Introduction to Molecular Understanding of Biological Systems	3 credit hours
BYS 214	Infection and Immunity	4 credit hours
OR		
NUR 302	Nursing and Health Promotion	3 credit hours
NUR 304	Applied Pathophysiology Across the Lifespan	3 credit hours
NUR 339	Information Management in Healthcare	3 credit hours
Work as a Project Manager		
MGT 100	Introduction to Business	3 credit hours
MGT 301	Managing Organizations	3 credit hours
MGT 361	Organizational Behavior	3 credit hours
Work in Marketing		
MKT 301	Principles of Marketing	3 credit hours
MKT 332	Buyer Behavior	3 credit hours
MKT 342	Promotional Strategy	3 credit hours
Work in Marketing at a High-Tech Firm		
MKT 301	Principles of Marketing	3 credit hours
MKT 414	Marketing Emerging Technologies	3 credit hours
MKT 470	Marketing in an Electronic Environment	3 credit hours
Work in Market/User Research		
MKT 301	Principles of Marketing	3 credit hours
MKT 343	Marketing Research Design	3 credit hours
MKT 344	Marketing Research Applications	3 credit hours