



2016 – 2017 SCIENCE, TECHNOLOGY, ENGINEERING & MATH META-MAJOR CERTIFICATE IN WEB TECHNOLOGIES



Meta-majors are academic pathways to help you meet your educational goals. Included below is a sample schedule for a full-time college student in a Certificate in Web Technologies. While you may not be a full-time student, you are responsible for completing the “Mandatory Hourly Requirements” on the right. Please be advised that not all types of financial aid will cover the cost of summer semester courses.

COURSE RECOMMENDATIONS ARE BASED ON GENERAL COURSE REQUIREMENTS.

SAMPLE FULLTIME SCHEDULE

TERM 1	Courses
Required Course	CGS1820
Required Course	GRA1131C
Required Course	GRA2140
Required Course	Program Elective*
TOTAL SEMESTER HOURS	12 HOURS
COMPLETED HOURS	12 HOURS

TERM 2	Courses
Required Course	COP2830
Required Course	GRA2143
Required Course	PGY2801C
Required Course	GRA1206C
TOTAL SEMESTER HOURS	12 HOURS
COMPLETED HOURS	24 HOURS

TERM 3	Courses
Required Course	GRA1103C
Required Course	GRA1751
Required Course	Program Elective *
Required Course	Program Elective *
TOTAL SEMESTER HOURS	12 HOURS
COMPLETED HOURS	36 HOURS

MANDATORY HOURLY REQUIREMENT

By 12 Completed Credit Hours
2.0 or higher TCC GPA & Cumulative GPA

By 24 Completed Credit Hours
Overall 2.0 TCC GPA or higher to graduate

By 36 Completed Credit Hours
Overall 2.0 TCC GPA or higher to graduate
25% credit hours earned at TCC

Important Things to Know:

- *Developmental Education courses are not included in this plan.*

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER
CGS 1820	CGS 1820	CGS 1820
GRA 1131C	GRA 1131C	
COP 2830	COP 2830	
GRA 2143	GRA 2143	
PGY 2801C	PGY 2801C	
GRA 1206C	GRA 1206C	
GRA 1103C		
GRA 1751		

Please note some courses are only offered in specific semesters:

*Program Elective may be CGS, COP, CNT, CTS, ETD, GRA, or IDS294

*Please refer to the [TCC Catalog](#) for specific courses that meet this requirement.

MAJORS & OCCUPATIONS IN THE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) META-MAJOR

MAJOR	OCCUPATION(S)	SUGGESTED ACADEMIC DEGREE(S)/LEVELS
Food & Nutrition Science or Exercise Science (Exercise Physiology, Master's & Doctoral Programs only)	Nutrition Consultant	B, M
	Food Product Developer	B, M
	Quality Control Analyst	B, M
	Health and Fitness Instructor/Advisor	B, M
	Clinical Exercise Physiologist	B, M
Biological Science	Laboratory Technician	B, M
	Biologist, Marine Biologist	B, M
	Crime Laboratory Analyst	B, M, D
	Zoologist	B, M, D
	Biology Professor	B, M
Computer Science	Database Administrator	B, M
	Software Designer/Engineer	B, M
	Software Quality Assurance Engineer	B, M
	Systems Analyst/Designer	B, M
	Web Developer	B, M
Help Desk/Technical Support or Web Technologies	Computer Support Specialist	AS, B, M
	Troubleshooting Specialist	AS, B, M
	Web Master	AS, B, M
	HTML Author	AS, B, M
	Site Designer	AS, B, M
Graphic Design Technology	Graphic Artist	AS
	Graphic Design Assistant	C, AS
	Marketing Assistant	AS
	Web page Designer	AS
	Associate Art Director	AS
Engineering	Structural Engineer	AS, B, M
	Transportation and Pipeline Engineer	AS, B, M
	Highway Engineer	AS, B, M
	Construction Engineer	AS, B, M
	Geotechnical Engineer	AS, B, M
Mathematics	Mathematician	B, M
	Teacher/Professor	B, M
	Economist	B, M
	Operations Research Analyst	B, M
	Statistician	B, M
Environmental Science Technology/Studies	Environmental Science & Protection Technician	AS
	Horticulturist	B
	Wetlands Ecologist	B
	Wildlife Conservationist	B
	Fish & Game Warden	B
Chemistry or Physics	Chemist	B
	Food & Drug Inspector	B
	Medical Laboratory Technician	B
	Biophysicist	B
	Biomedical Engineer	B
Meteorology	Meteorologist	B
	Weather Production Coordinator	B
	Storm Chaser	B
	Broadcast Meteorologist	B
	Air Traffic Controller	B

- C Certificate
- AS Associate in Science Degree
- B Bachelor's Degree
- M Master's Degree
- D Doctorate

**This sheet has sample majors & occupations associated with this meta-major. Some of these options may require additional training and career planning. You are not limited to these options when choosing a possible career path.*