



# 2016 – 2017 SCIENCE, TECHNOLOGY, ENGINEERING & MATH META-MAJOR



## CERTIFICATE IN GRAPHIC DESIGN SUPPORT

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	ART1202C
Required Course	GRA1131C
<b>TOTAL SEMESTER HOURS</b>	<b>6 HOURS</b>
<b>COMPLETED HOURS</b>	<b>6 HOURS</b>

TERM 2	Courses
Required Course	GRA1206C
Required Course	PGY2801C
<b>TOTAL SEMESTER HOURS</b>	<b>6 HOURS</b>
<b>COMPLETED HOURS</b>	<b>12 HOURS</b>

TERM 3	Courses
Required Course	GRA2121
<b>TOTAL SEMESTER HOURS</b>	<b>3 HOURS</b>
<b>COMPLETED HOURS</b>	<b>15 HOURS</b>

Please note some courses are only offered in specific semesters:

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER
ART 1202C	ART 1202C	ART 1202C
GRA 1131C	GRA 1131C	
PGY 2801C	PGY 2801C	
GRA 2121	GRA 2121	

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

### **Important Things to Know:**

- Developmental Education courses are not included in this plan.

### MANDATORY HOURLY REQUIREMENT

By 6 Completed Credit Hours
2.0 or higher TCC GPA & Cumulative GPA

By 12 Completed Credit Hours
Overall 2.0 TCC GPA or higher to graduate

By 15 Completed Credit Hours
Overall 2.0 TCC GPA or higher to graduate
25% credit hours earned at TCC

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

MAJOR	OCCUPATION(S)	SUGGESTED ACADEMIC DEGREE(S)/LEVELS
<b>Food &amp; Nutrition Science or Exercise Science</b> (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
<b>Biological Science</b>	Laboratory Technician	B, M
	Biologist, Marine Biologist	B, M
	Crime Laboratory Analyst	B, M, D
	Zoologist	B, M, D
	Biology Professor	B, M
<b>Computer Science</b>	Database Administrator	B, M
	Software Designer/Engineer	B, M
	Software Quality Assurance Engineer	B, M
	Systems Analyst/Designer	B, M
	Web Developer	B, M
<b>Help Desk/Technical Support or Web Technologies</b>	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
<b>Graphic Design Technology</b>	Graphic Artist	AS
	Graphic Design Assistant	C, AS
	Marketing Assistant	AS
	Web page Designer	AS
	Associate Art Director	AS
<b>Engineering</b>	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
<b>Mathematics</b>	Mathematician	B, M
	Teacher/Professor	B, M
	Economist	B, M
	Operations Research Analyst	B, M
	Statistician	B, M
<b>Environmental Science Technology/Studies</b>	Environmental Science & Protection Technician	AS
	Horticulturist	B
	Wetlands Ecologist	B
	Wildlife Conservationist	B
	Fish & Game Warden	B
<b>Chemistry or Physics</b>	Chemist	B
	Food & Drug Inspector	B
	Medical Laboratory Technician	B
	Biophysicist	B
	Biomedical Engineer	B
<b>Meteorology</b>	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.*