



2016 – 2017 STEM META-MAJOR CERTIFICATE IN NETWORK VIRTUALIZATION



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 Network Virtualization. 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	CGS1060
TOTAL SEMESTER HOURS	3 HOURS
COMPLETED HOURS	3 HOURS

TERM 2	Courses
Required Course	CTS1131
TOTAL SEMESTER HOURS	3 HOURS
COMPLETED HOURS	6 HOURS

TERM 3	Courses
Required Course	CIS2352
Required Course	CNT2401
TOTAL SEMESTER HOURS	6 HOURS
COMPLETED HOURS	12 HOURS

TERM 4	Courses
Required Course	CTS2351
Required Course	CET2370
TOTAL SEMESTER HOURS	6 HOURS
COMPLETED HOURS	18 HOURS

MANDATORY HOURLY REQUIREMENT

By 3 Completed Credit Hours
Receive IC3 Certification
2.0 or higher TCC GPA & Cumulative GPA

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

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

By 18 Completed Credit Hours
Receive VMWare Certification
2.0 or higher TCC GPA & Cumulative GPA
25% credit hours earned at TCC

Please note some courses are only offered in specific semesters:

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER
CGS 1000	CGS 1000	CGS 1000
CGS 1060	CGS 1060	CGS 1060
CGS 1555	CGS 1555	CGS1555
CTS 1131	CTS 1131	
CGS 2560	CGS 2560	
CNT 2401	CNT 2401	
CTS 2351	CTS 2351	
CET 2730	CET 2730	

*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.*

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.*

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