



2014 – 2015 SCIENCE, TECHNOLOGY, ENGINEERING, & MATH META-MAJOR ASSOCIATE IN SCIENCE (AS) IN COMPUTER PROGRAMMING & ANALYSIS- COMPUTER GAME DESIGN & LOGIC

DEGREE MAP

Meta-majors are academic pathways to help you meet your educational goals. Included below is a sample schedule for a full-time in college student on an Associate in Science degree track in +Computer Programming & Analysis—Computer Game Design & Logic. While you may not be a full-time student, you are responsible for completing the “Mandatory Hourly Requirements” on the right. Registration holds will be placed on students who do not meet the “Mandatory Hourly Requirements” and those students will be required to see an advisor. Students are encouraged to take summer classes when available. 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 - FALL SEMESTER	Suggested Courses
1 st Gen Ed Communications Course	ENC1101
Gen Ed Mathematics Course	*Any Gen Ed Math Course
Program Requirement Course	**CGS1000
Program Requirement Course	**CGS1060
Program Requirement Course	**CGS1820
TOTAL SEMESTER HOURS	15 HOURS
COMPLETED HOURS	15 HOURS

TERM 2 - SPRING SEMESTER	Suggested Courses
2 nd Gen Ed Communications Course	ENC1102, ENC1141, MMC1100
Program Requirement Course	GRA2140
Program Requirement Course	CGS1520
Speech Requirement Course	COP2830
Program Elective	PGY2801c Recommended OR any CAP, CGS, CNT, COP, GRA, PGY, or IDS2941
TOTAL SEMESTER HOURS	15 HOURS
COMPLETED HOURS	30 HOURS

TERM 3 – SUMMER (optional)	Suggested Courses
Program Requirement Course	**COP2220
TOTAL SEMESTER HOURS	3 HOURS
COMPLETED HOURS	33 HOURS

TERM 4 - FALL SEMESTER	Suggested Courses
Program Requirement Course	GRA2100
Program Requirement Course	CAP2023
Program Requirement Course	**CGS2540
Program Requirement Course	COP2221, COP2332, or COP2800
Program Elective	GRA1131C Recommended OR any CAP, CGS, CNT, COP, GRA, PGY, or IDS2941
TOTAL SEMESTER HOURS	15 HOURS
COMPLETED HOURS	45 HOURS

MANDATORY HOURLY REQUIREMENT

Before 15 Completed Credit Hours
ENC1101
Attend First Semester Advising Workshop
Meet with an Advisor
Declare a Meta-Major
Receive IC3 certification
Overall 2.0 TCC GPA or higher to graduate

Before 18 Completed Credit Hours
Overall 2.0 TCC GPA or higher to graduate

Before 30 Completed Credit Hours
ENC1102
Visit Career Center
Overall 2.0 TCC GPA or higher to graduate

Before 45 Completed Credit Hours
Graduation Check Workshop
Meet with Career Placement Coordinator in TCC Career Center
Overall 2.0 TCC GPA or higher to graduate

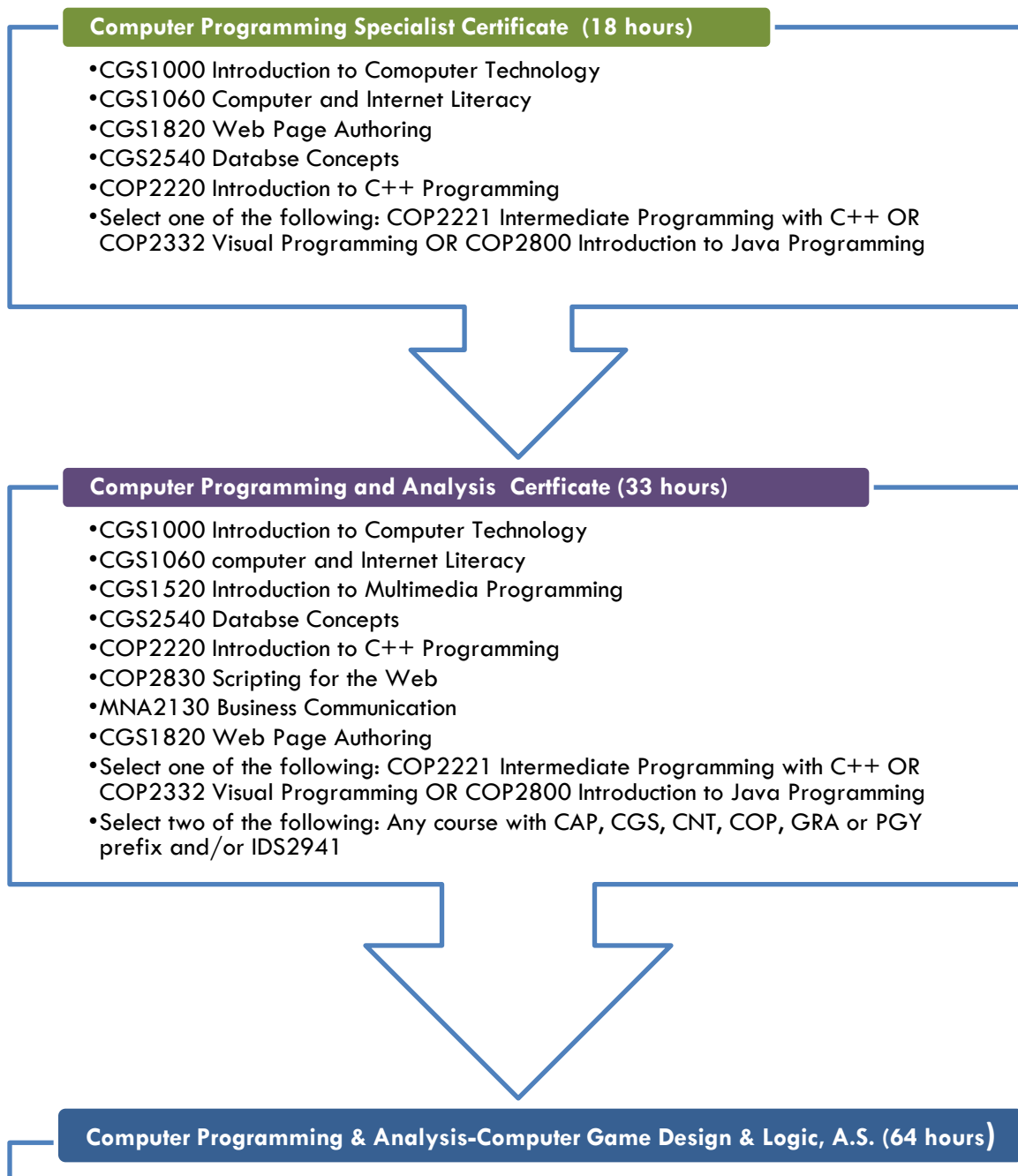
MAJORS & OCCUPATIONS IN THE SCIENCE, TECHNOLOGY, ENGINEERING, & MATH META-MAJOR

TERM 5 - SPRING SEMESTER	Suggested Courses
Program Requirement Course	CAP2703
Program Requirement Course	CAP2024
Program Requirement Course	MNA2130
Gen Ed Humanities Course	*Any Gen Ed Humanities Course
Gen Ed Social Science Course	*Any Gen Ed Social Science Course
TOTAL SEMESTER HOURS	15 HOURS
COMPLETED HOURS	63 HOURS TO GRADUATE

LAST SEMESTER
*** Apply for Graduation!!***
Overall 2.0 TCC GPA or higher to graduate

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

** Students who take these courses will also earn credit towards Computer Programming and Analysis Certificate



MAJORS & OCCUPATIONS IN THE SCIENCE, TECHNOLOGY, ENGINEERING, & MATH META-MAJOR

MAJOR	OCCUPATION(S)	SUGGESTED ACADEMIC DEGREE(S)/LEVELS
Food and Nutrition Science	Nutritionist	B, M
	Food Editor	B, M
	Food Scientist	B, M
	Product Development Researcher	B, M
	Quality Control Analyst	B, M
Exercise Science	Activities Director	B, M
	Health and Fitness Advisor	B, M
	Exercise Physiologist	B, M
	Fitness Instructor/Consultant	B, M
	Corporate Fitness Manager	B, M
Biological Science	Laboratory Assistant/Technician	B, M
	Biotechnologist	B, M
	Crime Laboratory Analyst	B, M
	Wildlife Biologist/Zoo Keeper	B, M
	Biology Professor	B, M
Computer Programming	Database Administrator	A, B, M
	Software designer/Engineer	A, B, M
	Software Quality Assurance Engineer	A, B, M
	Systems Analyst/Designer	A, B, M
	Web Developer	A, B, M
Help Desk/Technical Support	User Support Technician	A, B, M
	Help Desk Assistant	A, B, M
	Computer Support Specialist	A, B, M
	Troubleshooting Specialist	A, B, M
	Technical Support Staff	A, B, M
Web Technologies	Web Master	A, B, M
	Web Server Administrator	A, B, M
	Web Technician	A, B, M
	HTML Author	A, B, M
	Site Designer	A, B, M
Cybersecurity	Computer Security Investigators	C, A, B, M
	Information Security Specialist/Manager	C, A, B, M
	Information Technology Security Analyst	C, A, B, M
	Data Security Administrator	C, A, B, M
	Security Research Analyst	C, A, B, M
Graphic Design Technology, AS	Graphic Artist	A
	Graphic Design Assistant	C, A
	Marketing Assistant	A
	Web page Designer	A
	Associate Art Director	A
Civil Engineering	Structural Engineer	A, B, M
	Transportation and Pipeline Engineer	A, B, M
	Highway Engineer	A, B, M
	Construction Engineer	A, B, M
	Geotechnical Engineer	A, B, M
Mathematics	Mathematician	B, M
	Teacher/Professor	B, M
	Economist	B, M
	Operations Research Analyst	B, M
	Statistician	B, M

A Associate's Degree
 B Bachelor's Degree
 M Master's Degree
 D Doctorate