



2015 – 2016 INDUSTRY, MANUFACTURING, & CONSTRUCTION META-MAJOR ASSOCIATE IN ARTS (AA) DEGREE MAP

Meta-majors are academic pathways to help you meet your occupations and educational goals. Included below is a sample schedule for a full-time college student on an Associate in Arts degree track who intends to transfer to a four-year college or university with a major related to Industry, Manufacturing, and Construction. 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. Summer semesters are not included in this plan but are an option for taking courses. 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. PLEASE REFER TO SPECIFIC TRANSFER MAJOR INFORMATION FOR ADVISING ON SPECIFIC AND ADDITIONAL COURSE REQUIREMENTS.

SAMPLE FULLTIME SCHEDULE

MANDATORY HOURLY REQUIREMENT

1 st SEMESTER SAMPLE SCHEDULE	Suggested Courses
Communications State Core Course	ENC1101
Mathematics State Core Course	MAC1105
TCC Social Science Core Group 3	SLS1510 or SLS2261
Elective/Transfer Major Prerequisite	CGS1060/CGS1030/CGS2100
Social Science State Core Course	*
TOTAL SEMESTER HOURS	15 HOURS
COMPLETED HOURS	15 HOURS

2 nd SEMESTER SAMPLE SCHEDULE	Suggested Courses
Communications TCC Core Course	ENC1102/ENC1141/MMC1100
Mathematics TCC Core Course	MAC1140
Social Science TCC Core Course	*
Science TCC Core Course	GLY2010 & GLY2010L
Foreign Language /Elective/Transfer Major Prerequisite	*
TOTAL SEMESTER HOURS	16 HOURS
COMPLETED HOURS	31 HOURS

3 rd SEMESTER SAMPLE SCHEDULE	Suggested Courses
Social Science TCC Category 1 Course	*
Humanities State Core Course	*
Foreign Language /Elective/Transfer Major Prerequisite	MAC1114
Elective/Transfer Major Prerequisite	EGS1111C
Science State Core Course	CHM1045 & CHM1045L
TOTAL SEMESTER HOURS	16 HOURS
COMPLETED HOURS	47 HOURS

4 th SEMESTER SAMPLE SCHEDULE	Suggested Courses
Humanities TCC Core Course	*
Foreign Language/Elective/Transfer Major Prerequisite	MAC2311
Elective/Transfer Major Prerequisite	*
Elective/Transfer Major Prerequisite	*
TOTAL SEMESTER HOURS	SPC1017 or SPC2608
COMPLETED HOURS	14 HOURS
	60 HOURS TO GRADUATE

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

Before 15 Completed Credit Hours
ENC1101
MAC1105
Attend First Semester Advising Workshop
Meet with an Advisor
Declare a Meta-Major
2.0 or higher TCC GPA & Cumulative GPA
Check transfer major courses & required GPA

Before 18 Completed Credit Hours
Declare a Transfer Major in TCC Passport
Declare a Transfer Institution in TCC Passport
TCC Social Science Core Group 3 Course
2.0 or higher TCC GPA & Cumulative GPA
Check transfer major courses & required GPA

Before 30 Completed Credit Hours
ENC1102/ENC1141/MMC1100
MAC1140
Apply to Transfer Institution two semesters early
2.0 or higher TCC GPA & Cumulative GPA
Check transfer major courses & required GPA

Before 45 Completed Credit Hours
Attend Graduation Check Workshop
2.0 or higher TCC GPA & Cumulative GPA

LAST SEMESTER
*** Apply for Graduation!***
2.0 or higher TCC GPA & Cumulative GPA to graduate
25% credit hours earned at TCC

Failure to complete items in BOLD will result in Registration Holds. Students must see an Advisor to have the hold(s) removed.

MAJORS & OCCUPATIONS IN THE INDUSTRY, MANUFACTURING, & CONSTRUCTION

META-MAJOR

MAJOR	OCCUPATION(S)	SUGGESTED ACADEMIC DEGREE(S)/LEVELS
Building Construction Management	Foreman	AS, B
	Assistant Superintendent	AS, B
	Estimator	AS, B
	Building Inspector	AS, B
	Expeditor	AS, B
Drafting and Design Technology	Drafter	AS
	Computer-aided Design (CAD) Technician	AS
	CAD Specialist	AS
	Geographic Information System (GIS) Technician	AS
	Assistant Surveyor	AS
Engineering Technology	Industrial Machinery Mechanic	AS
	General/Operations Manager	AS
	Production/Operations Worker/Supervisor	AS
	Supervisor of Mechanics	AS
	Installer/Repairer	AS
Operations and Construction Management	Operations Analyst/Manager	B, M
	Productions Planner	B, M
	Logistics Specialist	B, M
	Distribution Analyst/Manager	B, M
	Inventory Control Analyst/Manager	B, M
Aeronautics	Aircraft Crew Member	B, M
	Airport Management	B, M
	Air Traffic Controller	B, M
	Accident Investigation/Prevention Worker	B, M
	Aircraft Manufacturing Technician	B, M
Aviation Business Administration	Aviation Team Leader	B, M
	Aviation Dispatcher	B, M
	Aviation Accountant	B, M
	Aviation Training Instructor	B, M
	Aviation Technician	B, M
Aviation Maintenance	Aviation Customer Service Rep.	B, M
	Aviation Development Engineer	B, M
	Hydraulic and Systems Designer	B, M
	Manufacturing Engineer	B, M
	Technical Writer	B, M
Computer Numerical Control (CNC) Machinist	Front-line Supervisor of Production Workers	C
	CNC Operator	C
	Machinist	C
	Lathe Operator	C
	Custom Shop Worker	C
Applied Welding Technologies	Aluminum Welder	C
	Fabricator	C
	Fitter/Welder	C
	Brazer	C
	Solderer	C
Heating, Ventilation, and Air Conditioning (HVAC)	A/C, Refrigeration & Heating Helper	C
	A/C, Refrigeration & Heating Mechanic	C
	A/C, Refrigeration & Heating Mechanic Assistant	C
	A/C, Refrigeration & Heating Technician	C
	Refrigeration Technician	C

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