2014 – 2015

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

1st SEMESTER SAMPLE SCHEDULE	Suggested Courses
First Gen Ed Communications Course	ENC1101
First Mathematics Course	MAC1105
Personal Development Course	*
General Education History Course	*
US Constitution Requirement	*
TOTAL SEMESTER HOURS	**13 to 15 HOURS**
COMPLETED HOURS	**13 to 15 HOURS**

2nd SEMESTER SAMPLE SCHEDULE	Suggested Courses
Second Gen Ed Communications	ENC1102/ENC1141/MMC1100
Second Mathematics Course	MAC2114
General Education History Course	*
General Education Science Course	GLY2010 & GLY2010L
Elective/Transfer Major Prerequisite	SPC2608
TOTAL SEMESTER HOURS	**16 HOURS**
COMPLETED HOURS	***28 to 31 HOURS***

3rd SEMESTER SAMPLE SCHEDULE	Suggested Courses
General Education Science Course	CHM1045 & CHM1045L
Gen Ed Humanities Course	*
Elective/Transfer Major Prerequisite	MAC2140
Elective/Transfer Major Prerequisite	EGS1111C
Elective/Transfer Major Prerequisite/Computer Literacy/Foreign Language	*
TOTAL SEMESTER HOURS	**16 HOURS**
COMPLETED HOURS	***45 to 47 HOURS***

4th SEMESTER SAMPLE SCHEDULE	Suggested Courses
General Education History Course	*
Gen Ed Humanities Course	*
General Education Social Science	*
Elective/Transfer Major Prerequisite	MAC2311
Elective/Transfer Major Prerequisite/Computer Literacy/Foreign Language	*
TOTAL SEMESTER HOURS	**17 HOURS**
COMPLETED HOURS	***60 HOURS TO GRADUATE***

*Please refer to the TCC Catalog for specific courses that meet this requirement.

MANDATORY HOURLY REQUIREMENT

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

Before 30 Completed Credit Hours
ENC1102/ENC1141/MMC1100
MAC2114
Apply to Transfer Institution two semesters early
Overall 2.0 TCC GPA or higher to graduate
Check transfer major courses & required GPA

Before 45 Completed Credit Hours
Attend Graduation Check Workshop
Overall 2.0 TCC GPA or higher to graduate
Check transfer major courses & required GPA

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

Revised 6/5/2014

MAJORS & OCCUPATIONS IN THE

INDUSTRY, MANUFACTURING, & CONSTRUCTION

META-MAJOR

MAJOR	OCCUPATION(S)	SUGGESTED ACADEMIC DEGREE(S)/LEVELS
Building Construction Management	Foreman	A, B
	Assistant Superintendent	A, B
	Estimator	A, B
	Building Inspector	A, B
	Expeditor	A, B
Drafting and Design Technology, AS	Drafter	A
	Computer-aided Design (CAD) Technician	A
	CAD Specialist	A
	Geographic Information System (GIS) Technician	A
	Assistant Surveyor	A
Engineering Technology, AS	Industrial Machinery Mechanic	A
	General/Operations Manager	A
	Production/Operations Worker/Supervisor	A
	Supervisor of Mechanics	A
	Installer/Repairer	A
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, Certificate	Front-line Supervisor of Production Workers	C
	CNC Operator	C
	Machinist	C
	Lathe Operator	C
	Custom Shop Worker	C
Applied Welding Technologies, Certificate	Aluminum Welder	C
	Fabricator	C
	Fitter/Welder	C
	Brazer	C
	Solderer	C
Heating, Ventilation, and Air Conditioning (HVAC), Certificate	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
A Associate's Degree
B Bachelor's Degree
M Master's Degree
D Doctorate