2016 – 2017 INDUSTRY, MANUFACTURING, & CONSTRUCTION META-MAJOR ASSOCIATE IN SCIENCE (AS) IN BUILDING CONSTRUCTION MANAGEMENT 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 of Science degree track in Building Construction Management. 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.

SAMPLE FULLTIME SCHEDULE

TERM 1	Courses
Communications State Core Course	ENC1101
Mathematics State Core Course	**MAC1105
Program Requirement Course	**BCT2705 (Fall only)
Program Requirement Course	EGS1002
Program Requirement Course	**EGN1111C
TOTAL SEMESTER HOURS	**15 HOURS**
COMPLETED HOURS	***15 HOURS***

TERM 2	Courses
Science State Core Course	*
Program Requirement Course	**BCN2241 (Spring only)
Program Requirement Course	**BCN2230 (Spring only)
Program Requirement Course	CGS1060
Program Requirement Course	**ETD1320
TOTAL SEMESTER HOURS	**15 HOURS**
COMPLETED HOURS	***30 HOURS***

TERM 3	Courses
Humanities State Core Course	*
Program Requirement Course	BCN1040
Program Requirement Course	**BCN1001
Program Requirement Course	BCN2704 (Fall only)
Program Requirement Course	SUR2100C (Fall only)
TOTAL SEMESTER HOURS	**15 HOURS**
COMPLETED HOURS	***45 HOURS***

TERM 4	Courses
Program Requirement Course	ETI1701
Program Requirement Course	BCN2405
Program Requirement Course	MAN2021 or IDS2941
Social Science State Core Course	*
Program Requirement Course	BCT2770 (Spring only)
TOTAL SEMESTER HOURS	**15 HOURS**
COMPLETED HOURS	***60 HOURS TO GRADUATE***

MANDATORY HOURLY REQUIREMENT

By 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

By 30 Completed Credit Hours
Receive AutoDesk Auto CAD certification
Receive IC^3 certification
Visit Career Center
2.0 or higher TCC GPA & Cumulative GPA

By 45 Completed Credit Hours
Graduation Check Workshop
Meet with Career Placement Coordinator in
TCC Career Center
2.0 or higher TCC GPA & Cumulative GPA

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

Important Things to Know:

- *Developmental Education courses are not included in this plan.*
- *MAT1033 is a required pre-requisite for MAC1105 and STA2023; it counts as an elective; not a State or TCC core Mathematics course.*

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

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

** Students who take these courses will also earn credit towards an additional certificate:

Building Construction Specialist Certificate (18 hours)

- BCN2230 Construction Materials and Methods
- BCT2705 Construction Management
- EGS1111C Engineering Graphics
- ETD1320 Introduction to CAD
- BCN2241 Construction Operations
- MAC1105 College Algebra ***or*** BCN1001 Applied math Concepts for Design and Construction

Building Construction Management, A.S. (60 total hours)

MAJORS & OCCUPATIONS IN THE INDUSTRY, MANUFACTURING AND 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

**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.*