

Department of Manufacturing & Construction Management

Copernicus Hall 2120900 • 860-832-1830

Name:			
I.D.#			

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B.S. MANUFACTURING MANAGEMENT

FFFCTIVE FALL 2021

CATALOG TERM:	☐ FALL	☐ SPRING	YEAR:	
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ANT. COMPLETION TERM: FALL	☐ WINTER	☐ SPRING ☐ SUMMER	YEAR:	

General Education (42-54 credits) Study Area I - Arts and Humanities (9) 200-Level Literature Course 3 Arts/Humanities Elective 3 3 Arts/Humanities Elective Study Area II - Social Sciences (9) S.A. II History Course 3 **ECON 201** 3 Social Sciences Elective 3 Study Area III - Behavioral Sciences (6) **PSY 112** 3 TM 190 (do not count credits here if double-0 counted here and in major requirements) Study Area IV - Natural Sciences (7) PHYS 111, 121, OR 125 3 or 4 4 CHEM 161 AND **CHEM 162** Skill Area I - Communication Skills (6) 3 WRT 105 OR WRT 110 **ENGR 290** 3 (prereq: WRT 110) Skill Area II - Mathematics (6) STAT 104 OR **STAT 200** 3 (prereq for either course: MATH 101+) OR MATH 115 MATH 119 3 or 4 (prereq: MATH 103+) (prereq: Math 101+) Skill Area III - Foreign Language (0-6) Level-3 high school foreign language 0 CLEP foreign language exam 3 - 9 111-level Foreign Language Course 3 or 6 112-level Foreign Language Course (prereq: 111-level or placement exam) Demonstrated native proficiency in a 0 language other than English Skill Area IV - Univ. Requirement (2-3) or other Sk.A. 4 PE 144 2 or 3

*must take PE 144 if entering CCSU with fewer than 15 cr	edits
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course*

		ANT. COMPLETION I	EKIVI:	FAL	LL WINTER SPRING SUMMER YEAR:		
			Majo	r Re	equirements		
	Core Requirements (48 credits)				Directed Technology Electives -		
CET 113 Intro to Information Processing		3		Choose 12 Credits of Any of Below			
	TM 120	Intro to Tecnhology Mgt {FA}	3		Advanced Manufacturing Option Courses		
	MM 121	Mechanical CAD	3	L	MM 226 Principles of CNC		
	TM 190	Global Quality Mgmt Systems	3		MM 236 Tool Design		
	MM 216	Manufacturing Processes (prereq: TM 120)	3		MM 324 Fluid Power Systems (SU)		
	AC 210	Accounting for Decision-Making	3		Manufacturing Automation {SP} ROBO 420 (prereq: (TM 120 and MM 324)		
	MGT 295	Fundamentals of Management (prereq: WRT 110 or WRT 202 or HON 140)	3		EH&S Option Courses		
	TM 310	Environment, Health & Safety (SP)	3		CM 335 Construction Safety		
	TM 360	Production Systems {SP}	3		TM 411 Industrial Hygiene {FA-E}		
	TM 362	Leading Project Teams	3		TM 414 Accident Investigation {FA-O}		
	TM 366**	Supply Chain & Purchasing (SP)	3	L	TM 456 Hazardous Material Management (SP-O)		
	TM 390**	Lean Operations Management	3				
	TM 401	Senior Seminar and Internship (prereq: 75 credits)	3		Recommended and Free Electives (to complete the required 120 credits)	•	
	TM 426	Applied Metrology {FA} (prereq: MM 121)	3		TM 202 Tpc: Study Abroad/International Studies		
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(prereq: STAT 104) **Formerly "MM ___'

TM 463

TM 464

Six credit designated "International"

met: ☐ YES □ NO

Equity, Justice and Inclusion Requirement

(prereq: TM 366)

Six Sigma Quality

Logistics Management (FA)

met: ☐ YES □ №

Assessment Exam Taken with Internship

met: ☐ YES

Total Credits Required: 120 NOTE: {SP}, {FA}, {SU} = offered every Spring, Fall, or Summer semester only. {SP-E}, {FA-E}, {SP-O}, [FA-O] = offered every 2 years: Spring or Fall semester, Odd or Even years

ROBO 220 Parametric Modeling and Simulation (SP)

TM 402: Tpc: Safety Training Methods (SP-E)

TM 490 Advanced Six Sigma (SP)

MKT 295 Fundamentals of Marketing

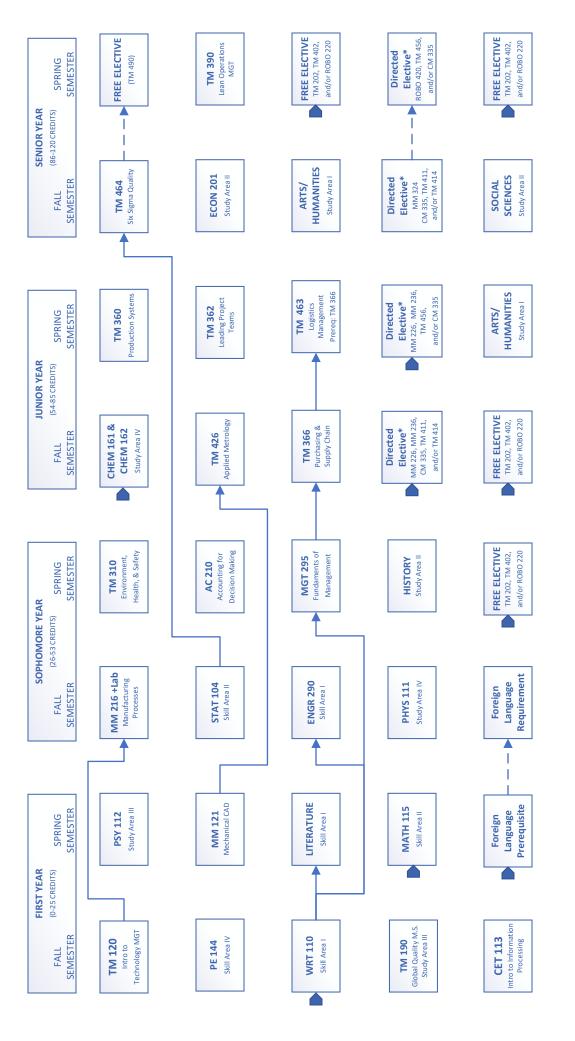
(prereq: TM 464)

Double counting Restriction - Of the courses taken in the major and minor/concentration, a total of two courses may be counted to fulfill the Study Areas portion of the general education program.

RESIDENCY REQUIREMENTS: A minimum of 30 credits at CCSU with 15 credits total in the Major, with 12 credits in the Major at 300 level or above.

NOTE: Elegibility for high honors requires the student to earn 62 credits in residence at CCSU.

BS Manufacturing Management Suggested Course Sequence



Summer Session

TM 401

Internship

certain requirements may apply

prerequisite indicated for suggested elective prerequisite indicated for required course **↑**

*Directed Technology Electives:

-See program sheet for options.

-Some Technology Electives have prerequisites -Some Technology Electives are offered on biennial schedule