

# Central Connecticut State University

1615 Stanley Street  
New Britain, Connecticut 06050-4010

Department of  
Manufacturing & Construction Management

Effective 25 August 2015

Name: \_\_\_\_\_

I.D.# \_\_\_\_\_

## B.S. MANUFACTURING MANAGEMENT

Entry:  Fall  Spring  Transfer Cr.

### Major Requirements

### General Education (45-49 credits)

#### Study Area I - Arts and Humanities (9)

<input type="checkbox"/>	Literature Elective	3
<input type="checkbox"/>	Arts & Humanities Elective	3
<input type="checkbox"/>	Arts & Humanities Elective	3

#### Study Area II - Social Sciences (9)

<input type="checkbox"/>	ECON 201	3
<input type="checkbox"/>	History Elective	3
<input type="checkbox"/>	Social Sciences Elective	3

#### Study Area III - Behavioral Sciences (6)

<input type="checkbox"/>	PSY 112	3
<input type="checkbox"/>	Behavioral Science Elective	3

#### Study Area IV - Natural Scientific (7)

<input type="checkbox"/>	PHYS 111 w/lab	3
<input type="checkbox"/>	CHEM 161/162 w/lab	4

#### Skill Area I - Communication Skills (6)

<input type="checkbox"/>	ENG 110*	3
<input type="checkbox"/>	ENGR 290	3

#### Skill Area II - Mathematical (6)

<input type="checkbox"/>	STAT 104	3
<input type="checkbox"/>	MATH 115	3

#### Skill Area III - Foreign Language (0-3)

<input type="checkbox"/>	3 sequential years of one foreign language at the high school level
<input type="checkbox"/>	Passed the foreign language exam.
<input type="checkbox"/>	Completed 112 or 114 foreign language courses
<input type="checkbox"/>	Completed above 112 or 114 foreign language course
<input type="checkbox"/>	Demonstration of native proficiency in a language other than English

#### Skill Area IV - Univ. Requirements (2-3)

<input type="checkbox"/>	PE 144 Fitness/Wellness Venture	2
--------------------------	---------------------------------	---

### Core Requirements (45 credits)

<input type="checkbox"/>	AC 210 Industrial Accounting	3
<input type="checkbox"/>	CET 113 Intro to Info Proc	3
<input type="checkbox"/>	MGT 295 Fundamentals of Management	3
<input type="checkbox"/>	MKT 295 Fundamentals of Marketing	3
<input type="checkbox"/>	MM 121 Mechanical CAD	3
<input type="checkbox"/>	MM 216 Manufacturing Processes	3
<input type="checkbox"/>	MM 366 Purchasing and Supply Chain	3
<input type="checkbox"/>	MM 390 Lean Operations Management	3
<input type="checkbox"/>	TM 120 Intro to Technology Mgt	3
<input type="checkbox"/>	TM 190 Global Quality Mgmt Systems	3
<input type="checkbox"/>	TM 310 EH&S	3
<input type="checkbox"/>	TM 360 Production Systems	3
<input type="checkbox"/>	TM 362 Leading Project Teams	3
<input type="checkbox"/>	TM 401 Senior Seminar and Internship	3
<input type="checkbox"/>	TM 464 Six Sigma Quality	3
<input type="checkbox"/>	TM 426 Applied Metrology	3

### Directed Technology Electives (12 credits)

#### Precision Manufacturing Option

<input type="checkbox"/>	MM 226 Principles of CNC	3
<input type="checkbox"/>	MM 236 Tool Design	3
<input type="checkbox"/>	MM 324 Fluid Power	3
<input type="checkbox"/>	ROBO 420 Manufacturing Automation	3

OR

#### EH&S Option

<input type="checkbox"/>	CM 335 Construction Safety	3
<input type="checkbox"/>	TM 411 Industrial Hygiene	3
<input type="checkbox"/>	TM 414 Accident Investigation	3
<input type="checkbox"/>	TM 456 Hazardous Material Management	3

### Recommended Free Electives (to complete required 120)

<input type="checkbox"/>	SET 490 International Field Studies	3
<input type="checkbox"/>	TM 490 Advanced Six Sigma	3
<input type="checkbox"/>		3
<input type="checkbox"/>		3
<input type="checkbox"/>		3
<input type="checkbox"/>		3
<input type="checkbox"/>		3
<input type="checkbox"/>		3

48

### Six credits designated "international"

met:  YES  NO

### First Year Experience requirement

met:  YES  NO

Total 30

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 in the Major and 9 credits in the Minor or Concentration (total 24 in Major).

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

# BS Manufacturing Management Suggested Course Sequence

