

First Year

Semester 1

9 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*
BUS 310 ^Z Business Communications	3		
	0		
ENGR 312 Engineering Graphics	3		
MITECH 300 Introduction to Manufacturing and Industrial Technology	3		

^Z At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

Semester 2

9 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*
MITECH 302 Production Planning and System Design	3		
MITECH 310 Quality Systems	3		
MGMT 372 Human Relations and Organizational Behavior or	3		
COMM 321 Interpersonal Communication or	3		
BUS 330 ^Z Managing Diversity in the Workplace	3		

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Notes:

The Certificate of Achievement in Production Planning prepares the student with skills specializing in production planning and control. This program prepares the student to apply optimization theory, industrial and manufacturing planning, and related management skills. This program is aligned with the Society of Manufacturing Engineers (SME) core competencies.

Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.