

## Manufacturing Minor –9/1/2016

Manufacturing is involved with the many aspects of producing products from product design, prototyping to production. The “Manufacturing Minor” provides (Bachelor of Science) Engineering Technology graduates an added skillset to work in the manufacturing industry in supporting these key aspects of manufacturing. Students completing the minor will acquire the needed education to become employable and find a career in the manufacturing sector. See some career areas below

- manage and coordinate manufacturing processes, design for manufacturing ,fabrication, and assembly , product design, development and product specifications, operations planning, scheduling, and material handling, quality assurance and quality control, testing, evaluation and product validation

Requirements:	Credits
<p><b><u>Select 1 Courses from the list below:</u></b>            ET 217+217L <b>or</b>            IE 217+217L, Manufacturing Processes/Laboratory <b>or</b>            ME 222, Introduction to Product Development</p>	<b>3</b>
<p><b><u>Select 1 Courses from the list below:</u></b>            MGT 344, Production and Operations Management <b>or</b>            MGT 335V- Business and Government, <b>or</b>            MGT 345V, Operations Planning and Control, <b>or</b>            IE 310V, Continuous Quality Improvement <b>or</b></p>	<b>3</b>
<p><b><u>Select 4 Courses from the Tech Electives list below:</u></b>            ET 415, Manufacturing Management &amp; Productivity <b>or</b>            ET 480, Innovation and Product Development, <b>or</b>            ET 317, Advanced Modeling and Design, <b>or</b>            ET 482, Computer Aided Manufacturing, <b>or</b>            ET 305 Design for Manufacturing</p>	<b>12</b>
<b>TOTAL</b>	<b>18</b>