

### Concurrent Degree

The Mechanical and Manufacturing Engineering Technology Department provides the opportunity for the interested student to earn concurrent degrees in Manufacturing Engineering Technology (MFG) and Mechanical Engineering Technology (MET) or Mechanical Engineering (MECH). Students who earn both degrees are highly sought after and have been very successful in industry. The concurrent degree program usually requires the student to complete an additional year of study beyond the Bachelor's Degree in Mechanical Engineering or Mechanical Engineering Technology.

#### Fall

MFG 313	Manufacturing Analysis and Planning	3
MFG 341	Numerical Control Programming	3
MFG 453	Automation and Robotics in Manufacturing	3
BUS/MGT	Restricted elective*	3
	Manufacturing elective ***	3
<b>Total</b>		<b>15</b>

#### Winter

MFG 112	Introduction to Manufacturing Processes**	3
MFG 333	Statistical Methods for Quality Improvement	3
MFG 342	Computer Aided Machining	3
MFG 343	Manufacturing Tool Design	3
BUS/MGT	Restricted elective*	3
	Manufacturing elective *	3
<b>Total</b>		<b>18</b>

#### Spring

ENGT 415	Occupational Safety	3
MFG 344	Design of Manufacturing Tooling	3
MFG 428	Manufacturing Engineering Certification	1
MFG 447	Lean Manufacturing	3
MATH 362	Statistical Methods II	4
<b>Total</b>		<b>14</b>

\* Restricted elective from the following courses: BUS 226, BUS 304, BUS 335, MGT 321, MGT 461 or MGT 462.

\*\* This course is already required for the BSMET degree.

\*\*\* These courses must be different than those used to satisfy the BS degree in MET or MECH. In all cases the student must have at least 36 credits of additional coursework beyond the MET or MECH degree to qualify for the concurrent degree in MFG.