Major in Technology- Bachelor of Science

Emphasis in Computer Aided Drafting and Design

University Requirements:		
See University General Requirements for Baccalaureate degrees (p. 40)		☐
First Year Making Connections Course	**Sem. Hrs.**	
AGRI 1213, Making Connections in Agriculture	**3**	☐
General Education Requirements:	**Sem. Hrs.**	
See General Education Curriculum for Baccalaureate degrees (p. 83) **Students with this major must take the following:** *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*	**35**	☐
Major Requirements: Grade of "C" or better required for all Major Requirements	**Sem. Hrs.**	
CIT 3013 Management Information Systems	3	☐
ENG 3043, Technical Writing	3	☐
MGMT 3153, Organizational Management **OR** Sociology Elective **OR** Psychology Elective	3	☐
RET 3113, Fund. Applications of Renewable Energy	3	☐
TECH 3773, Statistics **OR** STAT 3233, Applied Statistics I **OR** AGRI 3233, Applied Agricultural Statistics	3	☐
TECH 3863, Industrial Safety	3	☐
TECH 4813, Operations Systems Research	3	☐
TECH 4823, Quality Assurance	3	☐
TECH 4853, Lean 6 Sigma for Manufacturing	3	☐
TECH 4883, Work Center Management	3	☐
Sub-total	**30**	☐

Emphasis Area (Computer Aided Drafting and Design):	Sem. Hrs.	
Grade of "C" or better required for all Emphasis Area Requirements		
MATH 1033, Plane Trigonometry	3	☐
TECH 2703 Technical Graphics and AutoCAD	3	☐
TECH 2863, Principles of Technology	3	☐
TECH 3413, AutoCAD / Inventor	3	☐
TECH 3433, AutoCAD 3-D Modeling	3	☐
TECH 3453, Advanced Technology Design - Solid Works	3	☐
TECH 3843, Manufacturing Materials and Processes	3	☐
TECH 3853, Computer Aided Manufacturing (CAM)	3	☐
TECH 3873, Tool Design	3	☐
TECH 4743, Computer Numeric Control	3	☐
TECH 4873, Motion and Time Study	3	☐
Sub-total	33	☐
Electives:	Sem. Hrs.	
Electives	19	☐
Total Required Hours:	120	