

WTAMU ADVISING SERVICES – 2024-2025 Curriculum Guide

Major: Engineering Technology Opt. II – Distribution, B.S.

Major Code: 112

Year 1: Fall		Year 1: Spring	
CORE 10 (Communication) – ENGL 1301 or 1311	3	CORE 90 (Component Area Option) – ENGL 1302, 1312, or 2311	3
CORE 20 (Mathematics) – MATH 1325 Mathematics for Business & Economics II	3	ENGR 1301 Fundamentals of Engineering	3
ENGR 1375/1375L Principles of DC & AC Circuits	3	CHEM 1411/1411L Chemistry I	4
ENGR 1304/1304L Engineering Graphics	3	ENGR 3202 Fundamentals of Engineering Economics	2
CORE – See checklist for options ¹	3	CORE – See checklist for options ¹	3
Total:	17	Total:	15
Year 2: Fall		Year 2: Spring	
ET 2371/2371L Materials & Fabrication/Metals & Ceramics	3	ET Elective – 1 st of 4 from: ET 3315, 3330, 4301, 4325, 4330, 4371	3
CHEM 1412/1412L Chemistry II	4	ET 2372/2372L Materials & Fabrication/Plastics & Composites	3
CORE – See checklist for options ¹	3	ET Elective – 2 nd of 4 from: ET 3315, 3330, 4301, 4325, 4330, 4371	3
CORE – See checklist for options ¹	3	CORE 30 (Life & Phys. Sci.) – PHYS 1401 or 2425	3
CORE – See checklist for options ¹	3	CORE 90 (Component Area Option) – PHYS 1401L or 2425L	1
		CORE – See checklist for options ¹	3
Total:	13	Total:	16
Year 3: Fall		Year 3: Spring	
ET 3360 Plant Design and Layout	3	ET 4311 Industrial Design and Ergonomics	3
ET 4370 Industrial Safety & Accident Prevention	3	ET 4314 Industrial Quality Assurance	3
ET 3301 Fundamentals of Manufacturing Technology	3	CORE 30 (Life & Phys. Sci.) – PHYS 1402 or 2426	3
ET Elective – 3 rd of 4 from: ET 3315, 3330, 4301, 4325, 4330, 4371	3	CORE 90 (Component Area Option) – PHYS 1402L or 2426L	1
CORE – See checklist for options ¹	3	Elective	3
		ENGR 1171 Engineering Ethics	1
Total:	15	Total:	14
Year 4: Fall		Year 4: Spring	
ET 4340 Principles of Industrial Distribution	3	MGT/MKT Elective – 1 st of 4 from: MGT 3330, 3335, 4311, MKT 3340, 3342, 3350, 4340, 4346	3
ET 4380 Design Implementation	3	MGT/MKT Elective – 2 nd of 4 from: MGT 3330, 3335, 4311, MKT 3340, 3342, 3350, 4340, 4346	3
ET Elective – 4 th of 4 from: ET 3315, 3330, 4301, 4325, 4330, 4371	3	MGT/MKT Elective – 3 rd of 4 from: MGT 3330, 3335, 4311, MKT 3340, 3342, 3350, 4340, 4346	3
CORE – See checklist for options ¹	3	MGT/MKT Elective – 3 rd of 4 from: MGT 3330, 3335, 4311, MKT 3340, 3342, 3350, 4340, 4346	3
Elective	3	Elective - 3 hours if CHEM 1411 lab hour is used for Core 90.	2
Total:	15	Total:	14

¹ **CORE:** Engineering Technology majors are required to take specific courses for Core 20, Core 30, and Core 90. For all other categories, they may select from any available options (see degree checklist). Apart from the major-specific core requirements, there is no set order in which core courses must be taken.

Identified Marketable Skills	Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities
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Additional notes:

- The core curriculum must total exactly 42 hours; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements. Some majors specify particular courses to meet core curriculum requirements when options are available.
- At least 36 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU. A maximum of six semester hours in religion (RELI) and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

DISCLAIMER: This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student's official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 30 hours. Students should always seek the advice of their academic adviser before scheduling classes.