West Texas A&M University Advising Services Degree Checklist 2022-2023

(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME:	WT ID:	DATE:

Engineering Technology Option II—Distribution College of Engineering

CORE CURRICULUM COURSES: 42 HOURS ◆	HRS	FP
Communication (Core 10)		
ENGL 1301 Intro. To Academic Writing & Argumentation OR		
ENGL 1311 Writing About Ideas		
COMM 1315, 1318, or 1321	3	
Mathematics (Core 20)		
See University Core Requirements below	(3)	
Life and Physical Sciences (Core 30)	(0)	
See University Core Requirements below Language, Philosophy and Culture (Core 40)	(6)	
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*;		
HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311, 2312*/**, 2313, 2315*, or 2371	3	
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for		
music majors), 1310; or THRE 1310 Choose 1	3	
American History (Core 60)		
HIST 1301 or 2381, 1302 or 2382, 2301 Choose 2	6	
Government/Political Science (Core 70)		
POSC 2305 and 2306	6	
Social and Behavioral Sciences (Core 80)		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 Choose 1	3	
Component Area Option (Core 90) See University Core Requirements below	(6)	
See Oniversity Core Requirements below	(6)	
REQUIREMENTS: 85 HOURS		
ENGINEERING TECHNOLOGY OPTION II—DISTRIBUTIO REQUIREMENTS: 85 HOURS A grade of "C" or better must be earned in all courses required f UNIVERSITY CORE REQUIREMENTS: 15 HOURS •		
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REQUIREMENTS: 85 HOURS A grade of "C" or better must be earned in all courses required f UNIVERSITY CORE REQUIREMENTS: 15 HOURS ◆ CORE 20 MATH 1325* Math for Business and Economics FPC CORE 30 PHYS 1401*[3] General Physics I AND PHYS 1402*[3] General Physics II OR PHYS 2425*[3] Calculus Physics I AND PHYS 2426*[3] Calculus Physics II CORE 90 ENGL 1302* Academic Writing and Research ENGL 2311* Introduction to Professional and Technical Communication PPC CORE 90 PHYS 1401L[1] and 1402L[1] OR PHYS 2425L[1] and PHYS 2426L[1]; CHEM 1411L[1] or 1412L[1] OPTION II—DISTRIBUTION REQUIREMENTS: 51 HOURS ENGR 1171* Engineering Ethics	3 6 3 (3)	
REQUIREMENTS: 85 HOURS A grade of "C" or better must be earned in all courses required f UNIVERSITY CORE REQUIREMENTS: 15 HOURS ◆ CORE 20 MATH 1325* Math for Business and Economics CORE 30 PHYS 1401*[3] General Physics I AND PHYS 1402*[3] General Physics II OR PHYS 2425*[3] Calculus Physics I AND PHYS 2426*[3] Calculus Physics II CORE 90 ENGL 1302* Academic Writing and Research ENGL 2311* Introduction to Professional and Technical Communication CORE 90 PHYS 1401L[1] and 1402L[1] OR PHYS 2425L[1] and PHYS 2426L[1]; CHEM 1411L[1] or 1412L[1] OPTION II—DISTRIBUTION REQUIREMENTS: 51 HOURS ENGR 1301*,1301L Fundamentals of Engineering	3 6 3 (3)	
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REQUIREMENTS: 85 HOURS A grade of "C" or better must be earned in all courses required f UNIVERSITY CORE REQUIREMENTS: 15 HOURS ◆ CORE 20 MATH 1325* Math for Business and Economics CORE 30 PHYS 1401*[3] General Physics I AND PHYS 1402*[3] General Physics II OR PHYS 2425*[3] Calculus Physics I AND PHYS 2426*[3] Calculus Physics II CORE 90 ENGL 1302* Academic Writing and Research ENGL 2311* Introduction to Professional and Technical Communication CORE 90 PHYS 1401L[1] and 1402L[1] OR PHYS 2425L[1] and PHYS 2426L[1]; CHEM 1411L[1] or 1412L[1] OPTION II—DISTRIBUTION REQUIREMENTS: 51 HOURS ENGR 1301*,1301L Fundamentals of Engineering ENGR 1304, 1304L Engineering Graphics ENGR 1375*, 1375L Principles of DC and AC Circuits	3 6 3 (3) 1 3 3	
REQUIREMENTS: 85 HOURS A grade of "C" or better must be earned in all courses required f UNIVERSITY CORE REQUIREMENTS: 15 HOURS ◆ CORE 20 MATH 1325* Math for Business and Economics CORE 30 PHYS 1401*[3] General Physics I AND PHYS 1402*[3] General Physics II OR PHYS 2425*[3] Calculus Physics I AND PHYS 2426*[3] Calculus Physics II CORE 90 ENGL 1302* Academic Writing and Research ENGL 2311* Introduction to Professional and Technical	3 6 3 (3) 1 3 3 3 3	

Bachelor of Science Degree BS.ENGR.TECH.DIST (112)

ET 3301* Fundamentals of Manufacturing Technology ET 3360* Plant Design and Layout ET 4311* Industrial Design and Ergonomics ET 4311* Industrial Quality Assurance ET 4314 Industrial Quality Assurance ET 4340 Principles of Industrial Distribution 3 ET 4370 Industrial Safety and Accident Prevention 3 ET 4380* Design Implementation 3 Take four courses from: ET 3315*, 3315L Digital Electronics ET 3330*, 3330L Fluid Power/Power Transmission ET 4301*, 4301L Machining Fundamentals ET 4325*, 4325L Computer-Aided Drafting and Design ET 4371 Materials Handling and Warehouse Management REQUIRED COURSES FROM OTHER AREAS: 19 HOURS CHEM 1411*, 1412L Chemistry I AND CHEM 1411*, 1412L Chemistry II One of the lab hours will count for University Core 90 requirement. Take four courses from: MGT 3330 Principles of Management MGT 3330 Principles of Management MGT 3330 Principles of Marketing MKT 3340 Principles of Marketing MKT 4340* International Marketing MKT 4340* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT ◆ ELECTIVES: 8 HOURS BY ADVISEMENT ◆ ELECTIVES: 120					
ET 4311* Industrial Design and Ergonomics ET 4314 Industrial Quality Assurance ET 4340 Principles of Industrial Distribution ET 4370 Industrial Safety and Accident Prevention 3 ET 4380* Design Implementation Take four courses from: ET 3315*, 3315L Digital Electronics ET 3330*, 3330L Fluid Power/Power Transmission ET 4301*, 4301L Machining Fundamentals ET 4325*, 4325L Computer-Aided Drafting and Design ET 4371 Materials Handling and Warehouse Management REQUIRED COURSES FROM OTHER AREAS: 19 HOURS CHEM 1411*, 1412L Chemistry I AND CHEM 1412*, 1412L Chemistry II -one of the lab hours will count for University Core 90 requirement. MGT 3330 Principles of Management MGT 3330 Principles of Marketing MKT 3340 Principles of Marketing MKT 3440* International Marketing MKT 4340* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT + ELECTIVES: 8 HOURS BY ADVISEMENT +	ET 3301* Fundamentals of Manufacturing Technology	3			
ET 4314 Industrial Quality Assurance ET 4340 Principles of Industrial Distribution 3 ET 4370 Industrial Safety and Accident Prevention 3 ET 4380* Design Implementation 3 Take four courses from: ET 3315*, 3315L Digital Electronics ET 3330*,3330L Fluid Power/Power Transmission ET 4301*, 4301L Machining Fundamentals ET 4325*, 4325L Computer-Aided Drafting and Design ET 4330*, 4330L Numerical Control and Computer-Aided Manufacturing ET 4371 Materials Handling and Warehouse Management REQUIRED COURSES FROM OTHER AREAS: 19 HOURS CHEM 1411*, 1412L Chemistry I AND CHEM 1412*, 1412L Chemistry II One of the lab hours will count for University Core 90 requirement. Take four courses from: MGT 3330 Principles of Management MGT 3335* Organizational Behavior MGT 3310 Principles of Marketing MKT 3340 Principles of Marketing MKT 4340* International Marketing MKT 4340* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT + ELECTIVES: 8 HOURS BY ADVISEMENT +	ET 3360* Plant Design and Layout				
ET 4340 Principles of Industrial Distribution ET 4370 Industrial Safety and Accident Prevention 3 ET 4380* Design Implementation 3 Take four courses from: ET 3315*, 3315L Digital Electronics ET 3330*,3330L Fluid Power/Power Transmission ET 4301*, 4301L Machining Fundamentals ET 4325*, 4325L Computer-Aided Drafting and Design ET 4330*, 4330L Numerical Control and Computer-Aided Manufacturing ET 4371 Materials Handling and Warehouse Management REQUIRED COURSES FROM OTHER AREAS: 19 HOURS CHEM 1411*, 1412L Chemistry I AND CHEM 1412*, 1412L Chemistry II -One of the lab hours will count for University Core 90 requirement. Take four courses from: MGT 3330 Principles of Management MGT 3335* Organizational Behavior MGT 4311* Business Ethics and Society MKT 3340 Principles of Marketing MKT 4340* International Marketing MKT 4340* International Marketing MKT 4346* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT ◆ ELECTIVES: 8	ET 4311* Industrial Design and Ergonomics				
ET 4370 Industrial Safety and Accident Prevention 3 ET 4380* Design Implementation 3 Take four courses from: ET 3315*, 3315L Digital Electronics ET 330*, 3330L Fluid Power/Power Transmission ET 4301*, 4301L Machining Fundamentals ET 4325*, 4325L Computer-Aided Drafting and Design ET 4330*, 4330L Numerical Control and Computer-Aided Manufacturing ET 4371 Materials Handling and Warehouse Management REQUIRED COURSES FROM OTHER AREAS: 19 HOURS CHEM 1411*, 1412L Chemistry I AND CHEM 1412*, 1412L Chemistry II One of the lab hours will count for University Core 90 requirement. Take four courses from: MGT 3330 Principles of Management MGT 3335* Organizational Behavior MGT 4311* Business Ethics and Society MKT 3340 Principles of Marketing MKT 3340 Principles of Marketing MKT 3340* International Marketing MKT 4340* International Marketing MKT 4346* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT + ELECTIVES: 8	ET 4314 Industrial Quality Assurance				
ET 4380* Design Implementation Take four courses from: ET 3315*, 3315L Digital Electronics ET 3330*, 3330L Fluid Power/Power Transmission ET 4301*, 4301L Machining Fundamentals ET 4325*, 4325L Computer-Aided Drafting and Design ET 4330*, 4330L Numerical Control and Computer-Aided Manufacturing ET 4371 Materials Handling and Warehouse Management REQUIRED COURSES FROM OTHER AREAS: 19 HOURS CHEM 1411*, 1412L Chemistry I AND CHEM 1412*, 1412L Chemistry II -One of the lab hours will count for University Core 90 requirement. Take four courses from: MGT 3330 Principles of Management MGT 3335* Organizational Behavior MGT 4311* Business Ethics and Society MKT 3340 Principles of Marketing MKT 3340 Principles of Marketing MKT 3340* International Marketing MKT 4340* International Marketing MKT 4346* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT ◆ ELECTIVES: 8 HOURS BY ADVISEMENT ◆	ET 4340 Principles of Industrial Distribution				
Take four courses from: ET 3315*, 3315L Digital Electronics ET 3330*, 3330L Fluid Power/Power Transmission ET 4301*, 4301L Machining Fundamentals ET 4325*, 4325L Computer-Aided Drafting and Design ET 4330*, 4330L Numerical Control and Computer-Aided Manufacturing ET 4371 Materials Handling and Warehouse Management REQUIRED COURSES FROM OTHER AREAS: 19 HOURS CHEM 1411*, 1412L Chemistry I AND CHEM 1412*, 1412L Chemistry II One of the lab hours will count for University Core 90 requirement. Take four courses from: MGT 3330 Principles of Management MGT 3330* Organizational Behavior MGT 4311* Business Ethics and Society MKT 3340 Principles of Marketing MKT 3350 Digital Marketing MKT 3350 Digital Marketing MKT 4340* International Marketing MKT 4346* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT ◆	ET 4370 Industrial Safety and Accident Prevention	3			
ET 3315*, 3315L Digital Electronics ET 3330*, 3330L Fluid Power/Power Transmission ET 4301*, 4301L Machining Fundamentals ET 4325*, 4325L Computer-Aided Drafting and Design ET 4330*, 4330L Numerical Control and Computer-Aided Manufacturing ET 4371 Materials Handling and Warehouse Management REQUIRED COURSES FROM OTHER AREAS: 19 HOURS CHEM 1411*, 1412L Chemistry I AND CHEM 1412*, 1412L Chemistry II -One of the lab hours will count for University Core 90 requirement. Take four courses from: MGT 3330 Principles of Management MGT 3335* Organizational Behavior MGT 4311* Business Ethics and Society MKT 3340 Principles of Marketing MKT 3340 Principles of Marketing MKT 3340* International Marketing MKT 4340* International Marketing MKT 4346* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT ◆	ET 4380* Design Implementation	3			
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CHEM 1412*, 1412L Chemistry II -One of the lab hours will count for University Core 90 requirement. Take four courses from: MGT 3330 Principles of Management MGT 3335* Organizational Behavior MGT 4311* Business Ethics and Society MKT 3340 Principles of Marketing MKT 3350 Digital Marketing MKT 3350 Digital Marketing MKT 4340* International Marketing MKT 4346* Sales Management ELECTIVES: 8 HOURS BY ADVISEMENT ◆					
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ELECTIVES 8	MGT 3330 Principles of Management MGT 3335* Organizational Behavior MGT 4311* Business Ethics and Society MKT 3340 Principles of Marketing MKT 3342 Consumer Behavior MKT 3350 Digital Marketing MKT 4340* International Marketing				
8	ELECTIVES: 8 HOURS BY ADVISEMENT ◆				
TOTAL HOURS REQUIRED TO COMPLETE DEGREE 120	ELECTIVES	8			
	TOTAL HOURS REQUIRED TO COMPLETE DEGREE				

[◆] 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.

* Indicates prerequisites—see catalog for more information.

NOTE: 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.

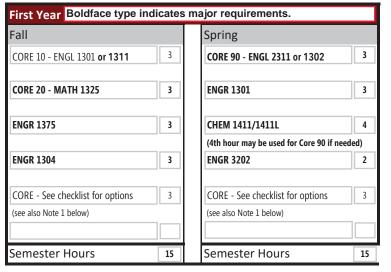
NOTE: This is NOT a degree plan. All undergraduate students must request an official degree plan from their academic dean's office by the time they have completed 30 credit hours.

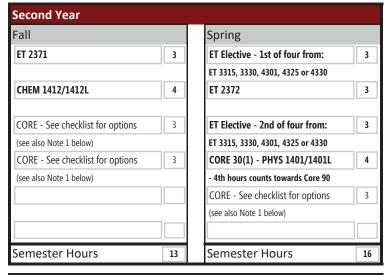
^{**} Or an equivalent course (second year, second semester) in a foreign language.

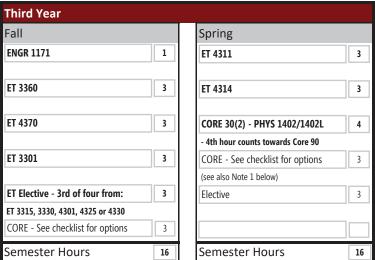
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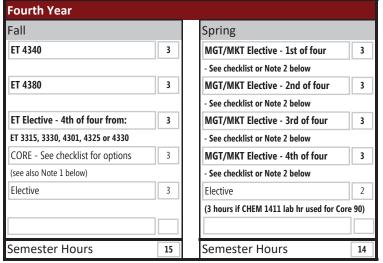
Major Code: 112

Major: Engineering Technology - Opt. II - Dist., B.S.









Degree Total Hours 120

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.

Identified Marketable Skills:

Top 3 Local Employers or Industries/Professional Programs/Possible Career Opportunities

Prerequisites/Important Sequences/Other degree Notes:

Note 1 - Core: Engineering Technology majors are required to take specific courses for Core 20, Core 30, and Core 90. For all other core 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.

Note 2 - MGT/MKT Electives: