

**West Texas A&M University
Advising Services
Degree Checklist
2015-2016**

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

NAME: _____ WT ID: _____ DATE: _____

**Engineering Technology Option II—Distribution
Department of Engineering and Computer Science
ECS Building, Room 119 651-5257**

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
Communication (Code 10)		
ENGL 1301 Introduction to Academic Writing and Argumentation	3	
COMM 1315, 1318, or 1321	3	
Mathematics (Code 20)		
See University Core Requirements below	(3)	
Life and Physical Sciences (Code 30)		
See University Core Requirements below	(6)	
Language, Philosophy and Culture (Code 40)		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; PHIL 1301, 2374; SPAN 2311*; 2312**/, 2313*, or 2315* Choose 1	3	
Creative Arts (Code 50)		
ARTS 1303, ARTS 1304; DANC 2303; HUMA 1315; MUSI 1306 or 1208 and 1209* (extra MUSI hour moves to Code 90); OR THRE 1310 Choose 1	3	
American History (Code 60)		
HIST 1301, 1302, 2301, 2381 Choose 2	6	
Government/Political Science (Code 70)		
POSC 2305 and 2306	6	
Social and Behavioral Sciences (Code 80)		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 Choose 1	3	
Component Area Option (Code 90)		
See University Core Requirements below	(6)	
ENGINEERING TECHNOLOGY OPTION II—DISTRIBUTION MAJOR REQUIREMENTS: 85 HOURS A grade of "C" or better must be earned in all courses required for major.		
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦		
CODE 20 MATH 1325* Math for Business and Economics	3	
CODE 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	6	
CODE 90 ENGL 2311* Introduction to Professional and Technical Communication	3	
CODE 90 PHYS 1401L[1] and 1402L[1] OR PHYS 2425L[1] and PHYS 2426L[1]; CHEM 1411L[1] or 1412L[1]	(3)	
OPTION II—DISTRIBUTION REQUIREMENTS: 51 HOURS		
ENGR 1171* Engineering Ethics	1	
ENGR 1301*, 1301L Fundamentals of Engineering	3	
ENGR 1304, 1304L Engineering Graphics	3	
ENGR 1375*, 1375L Principles of DC and AC Circuits	3	
ENGR 3202* Fundamentals of Engineering Econ.	2	
ET 2371*, 2371L Materials and Fabrications/Metals and Ceramics	3	
ET 2372*, 2372L Materials and Fabrications/Plastics and Composites	3	

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

ET 3301* Fundamentals of Manufacturing Technology	3	
ET 3360* Plant Design and Layout	3	
ET 4311* Industrial Design and Ergonomics	3	
ET 4314 Industrial Quality Assurance	3	
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	12	
REQUIRED COURSES FROM OTHER AREAS: 19 HOURS		
CHEM 1411*, 1412L Chemistry I AND CHEM 1412*, 1412L Chemistry II <i>-One of the lab hours will count for University Code 90 requirement.</i>	(7)	
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 3342 Consumer Behavior MKT 3350 Evolutionary Marketing MKT 4340* International Marketing MKT 4346* Sales Management	12	
ELECTIVES: 8 HOURS BY ADVISEMENT ♦		
ELECTIVES	8	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	120	

♦ 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.

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

NOTE: At least 39 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU, and 30 of the final 36 hours counted toward the degree 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. After completing 30 hours, students are encouraged to request an official degree plan by using the online [Degree Plan Request](#) form. The dean's office of the School of Engineering, Computer Science and Mathematics, located in the Engineering and Computer Science Building, Room 119 (or call 806-651-5257), can answer questions about the degree plan. Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.



First Year					
Fall		Spring			
H o u r s 15	CORE 10-ENGL 1301	3	H o u r s 15	ENGL 2311	3
	MATH 1325	3		ENGR 1301	3
	ENGR 1375	3		CHEM 1411/1411L	4
	ENGR 1304	3		CORE 50-ARTS	3
	CORE 80	3		See Checklist for Options	
	See Checklist for Options			ENGR 3202	2

Second Year					
Fall		Spring			
H o u r s 13	CORE 10-COMM	3	H o u r s 16	ET ELECTIVE	3
	1315, 1318 or 1321			ET 2372	3
	ET 2371	3		CORE 30-LAB SCIENCE	4
	CORE 60-HIST	3		PHYS 1401/1401L	
	1301, 1302, 2301 or 2381			ET ELECTIVE	3
	CHEM 1412/1412L	4		See Checklist for Options	
				CORE 60-HIST	3
		1301, 1302, 2301 or 2381			

Third Year					
Fall		Spring			
H o u r s 16	CORE 70-POSC	3	H o u r s 16	CORE 70-POSC	3
	2305 or 2306			2305 or 2306	
	ENGR 1171	1		ELECTIVE	3
	ET 3360	3		ET 4311	3
	ET 4370	3		CORE 30-LAB SCIENCE	4
	ET 3301	3		PHYS 1402/1402L	
	ET ELECTIVE	3		ET 4314	3
See Checklist for Options					

Fourth Year					
Fall		Spring			
H o u r s 15	ELECTIVE	3	H o u r s 14	MGT/MKT ELECTIVE	3
	ET 4340	3		See Checklist for Options	
	ET 4380	3		MGT/MKT ELECTIVE	3
	ET ELECTIVE	3		See Checklist for Options	
	See Checklist for Options			MGT/MKT ELECTIVE	3
	CORE 40	3		See Checklist for Options	
	See Checklist for Options			ELECTIVE	2

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 45 hours. Students should always seek the advice of their academic adviser before scheduling classes.