

**West Texas A&M University
Advising Services
Degree Checklist
2012-2013**

(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 ♦			
Specific course(s) required for this major are listed in the next section.			HRS
Communication (10)			
ENGL 1301 (ENG 101) AND ENGL 1302* (ENG 102)	6		
Communication (11)			
COMM 1315 (SCOM 101, 1315), 1318 (SCOM 103, 1318), or 1321 (SCOM 201, 1321)	3		
Mathematics (20)			
See University Core Requirements below	(3)		
Natural Sciences (30)			
See University Core Requirements below	(8)		
Humanities (40-41)			
ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2323, 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); SPAN 2312** (207) or SPAN 2315** Choose 1	3		
Visual and Performing Arts (50)			
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209*; or THRE 1310 (105) Choose 1	3		
Social and Behavioral Sciences (60)			
HIST 1301 (201) or 1303; 1302 (202) or 1304; 2301; 2381 Choose 2	6		
Social and Behavioral Sciences (70)			
POSC 2305 (101) or 2370; 2306 (102)	6		
Social and Behavioral Sciences (80)			
AGBE 2317* (213), ANTH 2351 (201); CRIJ 1301 (CJ 105); ECON 2301 (ECO 201), 2302 (ECO 202), 2371; GEOG 1302 (202); PSYC 2301 (PSY 201); COMM 2377 (SCOM 255, 2377); SOCI 1301 (201); or SOCW 2361 (SOWK 201) Choose 1	3		
Institutionally Designated Option (90)			
ANSC 2370; CIDM 1105, 1301 (CIS, IDM 1301), 1315 (CIS, IDM 1315), 2345; CS 1301; IDS 1071; PHIL 2303 (203) Choose 1	1-3		
ENGINEERING TECHNOLOGY OPTION II—DISTRIBUTION MAJOR REQUIREMENTS: 88 HOURS			
A grade of "C" or better must be earned in all courses required for major.			
UNIVERSITY CORE REQUIREMENTS: 11 HOURS			
CORE 20			
MATH 1324* (115) Math for Business and Economics I	3		
CORE 30			
PHYS 1401* (101), 1401L (101L) General Physics I AND PHYS 1402* (102), 1402L (102L) General Physics II	8		
OR			
PHYS 2425* (210), 2425L (210L) Calculus Physics I AND PHYS 2426* (211), 2426L (211L) Calculus Physics II			
OPTION II—DISTRIBUTION REQUIREMENTS: 51 HOURS			
ENGR 1171 (MENG 2360) Engineering Ethics	1		
ENGR 1301*, 1301L (ENGR 101, 1201) Fundamentals of Engineering	3		
ENGR 1304, 1304L (ET 125) Engineering Graphics	3		
ENGR 1375, 1375L (115) Principles of DC and AC Circuits	3		
ENGR 3202* (302, 3302) Fundamentals of Engineering Econ.	2		
ET 2371*, 2371L (201) Materials and Fabrications/Metals and Ceramics	3		
ET 2372*, 2372L (202) Materials and Fabrications/Plastics and Composites	3		

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

ET 3301* (301) Fundamentals of Manufacturing Technology	3		
ET 3360* (360) Plant Design and Layout	3		
ET 4311* (411) Industrial Design and Ergonomics	3		
ET 4314 (414) Industrial Quality Assurance	3		
ET 4340 (440) Principles of Industrial Distribution	3		
ET 4370 (470) Industrial Safety and Accident Prevention	3		
ET 4380* (480) Design Implementation	3		
Take four courses from:			
ET 3315*, 3315L (315) Digital Electronics	12		
ET 3330*, 3330L (330) Fluid Power/Power Transmission			
ET 4301*, 4301L (401) Machining Fundamentals			
ET 4325*, 4325L (425) Computer-Aided Drafting and Design			
ET 4330*, 4330L (430) Numerical Control and Computer-Aided Manufacturing			
REQUIRED COURSES FROM OTHER AREAS: 26 HOURS			
CHEM 1411*, 1411L (101, 101L) Chemistry I AND CHEM 1412*, 1412 (102, 102L) Chemistry II	8		
ENGL 2311* (ENG 270) Introduction to Professional and Technical Communication	3		
MATH 1325* (116) Math for Business and Economics	3		
Take four courses from:			
MGT 3330 (330) Principles of Management	12		
MGT 3332* (332) New Venture Creation			
MGT 3335* (335) Organizational Behavior			
MGT 4311* (411) Business Ethics and Society			
MGT 4330 (430) Critical Issues in Human Resources Mgt.			
MKT 3340 (340) Principles of Marketing			
MKT 3342 (342) Consumer Behavior			
MKT 3350* (350) E-Commerce			
MKT 4340* (440) International Marketing			
MKT 4346* (446) Sales Management			
ELECTIVES: 2-4 HOURS BY ADVISEMENT			
ELECTIVES	2-4		
TOTAL HOURS REQUIRED TO COMPLETE DEGREE			123

♦ A minimum of 42 hours from the core curriculum is required. Some majors specify particular courses to meet core-curriculum requirements when options are available. Ideally, these courses should be taken during the first two years of enrollment.

* Indicates prerequisites—see catalog for more information.

** Or an equivalent course (second year, second semester) in French or German.

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 and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

Note: This is NOT a degree plan. Before completion of 60 hours, students are allowed and encouraged to request an official degree plan in the office of the dean of the College of Agriculture, Science and Engineering, located in the Agriculture and Natural Sciences Building, Room 106 (or call 651-2585). After completing 60 hours, students will not be allowed to progress without requesting a degree plan.