

West Texas A&M University
STARR Center
Degree Checklist
2006-2007

NAME: _____ WT ID: _____ DATE: _____

Engineering Technology Option II—Distribution
Department of Mathematics, Physical Sciences and
Engineering - CC 312B 651-2540

CORE CURRICULUM COURSES (42 HOURS)	HRS	
ENGL 1301 (ENG 101) (ENGLISH)	3	
ENGL 1302* (ENG 102) (ENGLISH)	3	
SCOM 1315 (101), 1318 (103), or 1321 (201) (SPEECH COMMUNICATIONS)	3	
MATH 1324* (115)	3	
PHYS 1401* (101), 1401L (101L) (PHYSICS)	4	
PHYS 1402* (102), 1402L (102L)	4	
ENGL 2332* (ENG 201), 2333* (202), 2371* (203); HIST 2372 (210); PHIL 1301 (101); or SPAN 2312** (207) (ENGLISH, HISTORY, PHILOSOPHY, SPANISH) Choose 1	3	
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); MUSI 1306 (MUS 101) or 1208 and 1209; or THRE 1310 (105) (FINE ARTS, ART, MUSIC, THEATRE) Choose 1	3	
HIST 1301 (201) (HISTORY)	3	
HIST 1302 (202) (HISTORY)	3	
POSC 2305 (101) (POLITICAL SCIENCE)	3	
POSC 2306 (102) (POLITICAL SCIENCE)	3	
ANTH 2351 (201) ECON 2301 (ECO 201), GEOG 1302 (202), PSYC 2301 (PSY 201), SOCI 1301 (201) (ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, PSYCHOLOGY, SOCIOLOGY) Choose 1	3	
PHED 1111 (SES 101) (PHYSICAL EDUCATION) Upon written recommendation of the University physician or the coordinator for Student Disability Services, students may substitute a one hour elective course in lieu of physical education course.	1	
OPTION II—DISTRIBUTION REQUIREMENTS (48 HOURS)		
ENGR 1301, 1301L (ENGR 101) (ENGINEERING) Fundamentals of Engineering	3	
ENGR 1304, 1304L (ET 125) Engineering Graphics	3	
ENGR 1375, 1375L (115) Principles of DC and AC Circuits	3	
ET 2371, 2371L (201) (ENGINEERING TECHNOLOGY) Materials and Fabrications/Metals and Ceramics	3	
ET 2372, 2372L (202) Materials and Fabrications/Plastics and Composites	3	
ET 3301* (301) Fundamentals of Manufacturing Technology	3	
ET 3360* (360) Plant Design and Layout	3	
ET 4380* (480) Design Implementation	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	

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

ET 3315*, 3315L (315) Digital Electronics 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 Choose 4	12	
REQUIRED COURSES FROM OTHER AREAS (26 HOURS)		
CHEM 1411*, 1411L (101, 101L) (CHEMISTRY) Chemistry I	4	
CHEM 1412*, 1412L, (102, 102L) Chemistry II	4	
MATH 1325* (116) Mathematics for Business and Economics	3	
ENGL 2311* (ENG 270) Introduction to Technical Communication	3	
MGT 3330 (330) Principles of Management 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 Management 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 Choose 4	12	
ELECTIVES (7 HOURS BY ADVISEMENT)		
ELECTIVES		
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	123	

* Indicates prerequisites—see catalog for more information.

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

Revised 5/06
ENGR.TECH2

Note: This is NOT a degree plan. Upon completion of 60 hours, apply for a degree plan in the office of the dean of the College of Agriculture, Nursing, Science and Engineering, located in Old Main, Room 402, or call 651-2585.