West Texas A&M University
Advising Services
Degree Checklist
2026-2027
(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME:_____ **WT ID:**_____ **DATE:**_____

Applied Arts and Sciences—Engineering Technology Emphasis
Office of General Majors
Student Success Center (CC 110) 806-651-5300

Bachelor of Applied Arts and Sciences Degree
BAAS.SPC.ENGR.TECH (601)

CORE CURRICULUM COURSES: 42 HOURS ♦	HRS	
Communication (Core 10)		
ENGL 1301 Intro. to Academic Writing & Argumentation **OR** ENGL 1311 Writing About Ideas	3	
COMM 1315, 1318, or 1321	3	
Mathematics (Core 20)		
MATH 1314*, 1316*, 1324*, 1325*, 1332*/**, 1342*/**, 1350*/**, 2412*, or 2413* **(2412 & 2413: fourth hr. moves to Core 90)**	3	
Life and Physical Sciences (Core 30)		
Take two courses from (extra lab hours move to Core 90): ♦ ANSC 1319; BIOL 1406 **or** 1308, 1407* **or** 1309*, 1411, 1413, 2401, 2402; CHEM 1305* or 1411*, 1412*; ENVR 1407*; GEOL 1301 **or** 1403, 1302, 1404; PHYS 1401*, 1402*, 1311, 1312, 1371, 2425*, 2426*; PSES 1301, 1307 ***- BIOL 1406, 1407, 1411, 1413; CHEM 1411, 1412; GEOL 1403, 1404; PHYS 1401, 1402, 2425, 2426: 4th hr. moves to Core 90***	6	
Language, Philosophy and Culture (Core 40)		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312*/***, 2313*, 2315*, or 2371 **Choose 1**	3	
Creative Arts (Core 50)		
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for music majors), MUSI 1310; or THRE 1310 **Choose 1**	3	
American History (Core 60)		
HIST 1301, 1302, 2301, 2381, 2382 **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; GEOG 1302; PSYC 2301; SOCI 1301 **Choose 1**	3	
Component Area Option (Core 90)		
Take six hours from: ♦ AGRI 2300; BUSI 1301, 1304; CIDM 1105, CIDM 1301 or 1315; CS 1301; ECON 2331; EDUC 1300; ENGL 1101, 1102, 1302*, 1312*, 2311*; HNRS 2171; HSCI 2300; IDS 1071 (1-3 hours); MUSI 1053 (1-2 hours); PHIL 2303; SES 1120; Also, extra 4th-hour credits from Core 20 and Core 30 (MATH, BIOL, CHEM, ENVR, GEOL, PHYS)	6	
PROFESSIONAL DEVELOPMENT CORE: ENGINEERING TECHNOLOGY – 25 HOURS ■ ■ ■ **A grade of "C" or better must be earned in all courses listed below.**		
ENGR 1171* Engineering Ethics	1	
ENGR 1301*, 1301L Fundamentals of Engineering	3	
ENGR 1304, 1304L Engineering Graphics	3	
ENGR 1375*, 1375L Principles of DC & AC Circuits **OR** ET 2375*, 2375L Electronic Devices and Circuits	3	
ENGR 3371*, 3371L Materials & Fabrications/Metals & Ceramics **OR** ET 3372*, 3372L Materials & Fabrications/Plastics & Composites (***Prerequisite for both ENGR 3371 and ET 3372 is CHEM 1411***)	3	

Take 12 hours from: ET 3301* Fundamentals of Manufacturing Technology; ET 3315*, 3315L Digital Electronics; ET 3360* Plant Design and Layout; ET 4301*, 4301L Machining Fundamentals; ET 4311* Industrial Design and Ergonomics; ET 4314 Industrial Quality Assurance; ET 4325*, 4325L Computer-Aided Drafting and Design; ET 4330*, 4330L Numerical Control and Computer-Aided Manufacturing; ET 4340 Principles of Industrial Distribution; ET 4370 Industrial Safety and Accident Prevention	12	
ADVANCED ELECTIVES: 21 HOURS (TO TOTAL 36 ADVANCED FROM WTAMU)—SEE NOTE II BELOW.		
ADVANCED ELECTIVES (IDS 3355 recommended) (IDS 4355 recommended)	21	
BAAS block transfer of technical/vocational credits, up to a maximum of 48 hours.		
ELECTIVES—ANY LEVEL (to total 120 hours)		
MINIMUM HOURS REQUIRED TO COMPLETE DEGREE	**120**	

NOTATIONS:
♦ 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.
** While MATH 1332, 1342 and 1350 will fulfill core math requirements, they will NOT prepare students for higher-level math courses such as Plane Trigonometry (MATH 1316) or Pre-Calculus (MATH 2412).
*** Or an equivalent course (second year, second semester) in a foreign language.

NOTE I: This degree assumes completion of an associate of applied science degree at a community college or completion of an appropriate occupational certificate prior to starting work on the B.A.A.S. degree at WTAMU. Included in this credit must be a block of transfer of technical-vocational credits, up to a maximum of 48 hours. Additional hours of academic credit may be transferred.

NOTE II: 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 60 semester hours in any single discipline, six hours in religion (RELI) and six hours in physical education (PHED) can be counted toward a degree. A maximum of 30 semester hours in business courses (ACCT, BUSI, CIDM, ECON, FIN, MGT, MKT), including 6 semester hours in the Core Curriculum, may count toward this 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.

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Major: Engineering Technology, B.A.A.S. **BAAS.SPC.ENGR.TECH (601)**

Year 1: Fall	
CORE 10 (Communication) – ENGL 1301 or 1311	3
CORE 20 (Mathematics) – MATH 1314 **(recommended)***	3
CORE 50 (Creative Arts) – See checklist for options	3
CORE 60 (American History) – See checklist for options	3
CORE 90 (Comp. Area Option) – See checklist for options	3
Total:	15

Year 1: Spring	
CORE 10 (Communication) – COMM 1315, 1318 or 1321	3
CORE 30 (Life & Phys. Sci.) – CHEM 1411/L **(recommended)****	3
CORE 60 (American History) – See checklist for options	3
CORE 90 (Comp. Area Option) – See checklist for options	3
PDC – ENGR 1301/L	3
Total:	15

Year 2: Fall	
CORE 30 (Life & Phys. Sci.) – See checklist for options	3
CORE 70 (Govt./Pol. Sci) – POSC 2305	3
PDC – ENGR 1171	1
PDC – ENGR 1304/L	3
PDC – ENGR 1375/L **or** ET 2375/L	3
Advanced Elective: IDS 3355 Career Pathways **(recommended)**	3
Total:	16

Year 2: Spring	
CORE 40 (Lang., Phil. & Culture) – See checklist for options	3
CORE 70 (Govt./Pol. Sci) – POSC 2306	3
CORE 80 (Social & Behav. Sci.) – See checklist for options	3
PDC – ENGR 3371/L **or** ET 3372/L	3
PDC – ET Elective – See checklist for options	3
Total:	15

Year 3: Fall	
PDC – ET Elective – See checklist for options	3
PDC – ET Elective – See checklist for options	3
Advanced Elective (3000-4000 level)	3
Advanced Elective (3000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
Total:	15

Year 3: Spring	
PDC – ET Elective – See checklist for options	3
Advanced Elective (3000-4000 level)	3
Advanced Elective (3000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
Total:	15

Year 4: Fall	
Advanced Elective (3000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
Total:	15

Year 4: Spring	
Advanced Elective: IDS 4355 Capstone **(recommended)**	3
BAAS Block/Electives (1000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	3
BAAS Block/Electives (1000-4000 level)	2
Total:	14

CORE: See degree checklist for options. There is no set order in which core courses must be taken.

PDC: Professional Development Core

***** It is recommended to take MATH 1314 for Core 20 as MATH 1314 is a prerequisite for several courses in the Professional Development Core (PDC).

****** It is recommended to take CHEM 1411/L for Core 30 as CHEM 1411/L is a prerequisite for several courses in the Professional Development Core (PDC).

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

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. A maximum of 30 semester hours in business courses (ACCT, BUSI, CIDM, ECON, FIN, MGT, MKT), including 6 semester hours in the Core Curriculum, may count toward this 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.