

# ATTACHMENT A [Insert Program/Course Crosswalks below]

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## Texas Tech University Uniform Graduation Requirements

### 1. Foreign Language Requirement

*Students graduating from Texas Tech University should be able to express, negotiate, and interpret meaning in a second language.*

Any entering student who has not completed two years of a single foreign language in high school must complete at least two semesters (or its equivalent) of a single foreign language at the first-year college level **or** at least one semester of a foreign language at a 2000 level or higher as a graduation requirement. This requirement may also be satisfied by transferring in the equivalent courses from another college or university. Individual Texas Tech University colleges may have additional foreign language proficiency requirements. Additional requirements may be necessary for select majors.

### 2. Science Laboratory Requirement

Students graduating from Texas Tech University are required to complete two semester credit hours of science laboratory courses. Normally this will be done by taking two 4-credit science courses or combinations of lecture and lab.

### 3. Communication Literacy Requirement

Students will complete the required communication literacy requirement.

### 4. Core Curriculum Requirement

Students will complete the required core curriculum.

### 5. Multicultural Requirement

In addition to the State of Texas core curriculum, every student must include at least one 3-hour multicultural course or its equivalent that focuses explicitly on the distinctive subcultures of the United States or on the culture of another society.

**Maximum number of transferrable semester credits hours from a two-year institution applicable to a baccalaureate degree at the university is 80.**

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## Texas Tech University Whitacre College of Engineering Assured Admissions

MC students meeting the following WCOE assured admission standards for transfer students are guaranteed admission to the WCOE:

1. Complete 24 or more semester hours of transferable college work beyond high school graduation and;
2. 3.0 Cumulative GPA.

Transfer students meeting the assured admission criteria for the WCOE will enter into the college's "foundational" curriculum in their respective engineering major department (i.e. civil, chemical, etc.). Students will be required to complete a minimum of 12 semester credit hours with a GPA of 2.5\* or higher of coursework applicable to progression in their respective engineering major to be fully admitted into their chosen departmental program.

**\*Note:**

1. Mechanical engineering program requires a 3.00 or higher GPA
2. Petroleum engineering program requires a 3.40 or higher GPA and due to the competitive nature of this program only 250 students in a given academic year will be allowed to transition to the upper division degree program. The transition from lower-division to upper division curriculum occurs annually in December.

**Texas Tech University agrees to:**

1. Provide pre-transfer academic advising for MC students per semester through Office of Admission's Academic Advisors.
2. Office of Admissions will provide recruiting and/or advising once per month at the Midland College Campus.
3. Provide communication regarding admissions policy and procedure updates, campus recruitment events, and scholarship opportunities to MC;
4. Provide a link to MC on the Whitacre College of Engineering websites;
5. Provide the Engineering crosswalks on TTU's Office of Academic Partnerships website;
6. Host MC students for an engineering transfer exploration visit to the TTU campus.

**Midland College agrees to:**

1. Promote the seamless transfer of students to TTU by ensuring that information on the transfer equivalency for MC course(s) is current and readily available to both students and academic advisors at MC.
2. Encourage students to utilize the academic advising services and resources offered through the Office of Undergraduate Admissions at TTU.
3. Within legal guidelines, provide information about prospective transfer students with the goal of making students aware of scholarship and other financial aid opportunities and the potential to satisfy Associate and Bachelor's degree requirements by transferring course work between both institutions.



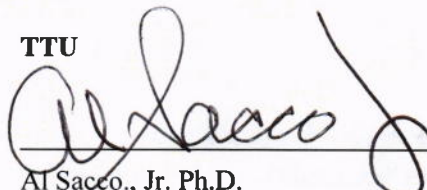
**Crosswalk: Associates of Science at Midland College to Bachelor Science in Chemical Engineering at Texas Tech University**

MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	4	MATH 2---	MATH 3350/2---*	Program Requirement
<b>Science</b>	<b>24</b>			
CHEM 1411	4	CHEM 1307 & 1107		Core 030N + Lab
CHEM 1412	4	CHEM 1308 & 1108		Core 030N + Lab
CHEM 2423	4	CHEM 2---	CHEM 3305/2--- & CHEM 3105/2---	Program Requirement
CHEM 2425	4	CHEM2---	CHEM 3306/2--- & CHEM 3106/2---	Program Requirement
PHYS 2425	4	PHYS 1408		Program Requirement
PHYS 2426	4	PHYS 2401		Program Requirement
<b>Language, Philosophy, and Culture</b>				
<b>Language, Philosophy, and Culture Core</b>				Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
ENGR 2308	3	IE 2324		Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>0</b>			
<b>Travel Course†</b>		International Experience Requirement	Partial fulfillment of the 6 week requirement	
<b>Semester Credit Hours Transferred</b>	<b>67</b>		<b>Semester Credit Hours Applicable</b>	<b>67</b>

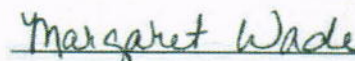
\* TTU cannot give junior-level credit for sophomore-level courses, † TTU Engineering requirement is 6-8 weeks abroad. Travel courses will subtract from the overall required time.

**Signatures:**

**TTU**

  
 Al Sacco, Jr. Ph.D.  
 Dean-College of Engineering

**MC**

  
 Margaret Wade, Ed.D.  
 Dean-Math and Natural Science Division



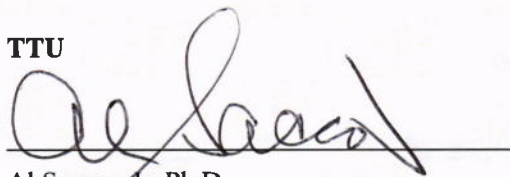
**Crosswalk: Associates of Science at Midland College to Bachelor Science in Civil Engineering at Texas Tech University**

MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	4	MATH 2---	MATH 3350/2---	Program Requirement
<b>Science</b>	<b>20</b>			
CHEM 1411	4	CHEM 1307 & 1107		Core 030N + Lab
CHEM 1412	4	CHEM 1308 & 1108		Core 030N + Lab
PHYS 2425	4	PHYS 1408		Program Requirement
PHYS 2426	4	PHYS 2401	ECE 3301 (substitution)*	Program Requirement
<b>Language, Philosophy, and Culture</b>				
Language, Philosophy, and Culture				Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
ENGR 2308	3	IE 2324		Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>14</b>			
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
ENGR 1201	2	ENGR 1315**		Program Requirement
ENGR 1304	3	EGR 1207		Program Requirement
ENGR 2301	3	CE 2301		Program Requirement
ENGR 2302	3	CE 3302/2---	CE 3302/2---	Program Requirement
ENGR 2332	3	CE 3303/2---	CE 3303/2---	Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>77</b>		<b>Semester Credit Hours Applicable</b>	<b>77</b>

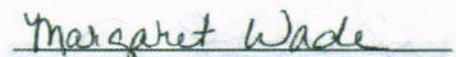
\* TTU cannot give junior-level credit for sophomore-level courses; \*\* ENGR 1201 will require an additional credit hour; † TTU Engineering requirement is 6-8 weeks abroad. Travel courses will subtract from the overall required time.

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Crosswalk: Associates of Science at Midland College to Bachelor Science in Computer Engineering at Texas Tech University				
MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	4	MATH 2---	MATH 3350/2---	Program Requirement
<b>Science</b>	<b>8</b>			
PHYS 2425	4	PHYS 1408		Core 030N
PHYS 2426	4	PHYS 2401		Core 030N
<b>Language, Philosophy, and Culture</b>				
Language, Philosophy, and Culture				Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>				
Social and Behavioral Science Core				Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>0</b>			
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>48</b>		<b>Semester Credit Hours Applicable</b>	<b>48</b>

\* TTU cannot give junior-level credit for sophomore-level courses; † TTU Engineering requirement is 6-8 weeks abroad. Travel courses will subtract from the overall required time.

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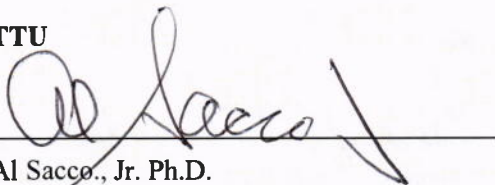
**Crosswalk: Associates of Science at Midland College to Bachelor Science in Computer Science at Texas Tech University**

MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>12</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
<b>Science</b>	<b>12</b>			
PHYS 2425	4	PHYS 1408		Core 030N
PHYS 2426	4	PHYS 2401		Core 030N
BIOL 1406	4	BIOL 1403	Substitute for a science elective	Program Requirement
<b>Language, Philosophy, and Culture</b>	<b>3</b>			
Language, Philosophy, and Culture	3	Language, Philosophy, and Culture		Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
Social and Behavioral Science Core	3	Social and Behavioral Science Core		Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>9</b>			
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
COSC 1336	3	CS 1411		Program Requirement
COSC 1337	3	CS 1412		Program Requirement
COSC 2336	3	CS 2413		Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>63</b>		<b>Semester Credit Hours Applicable</b>	<b>63</b>

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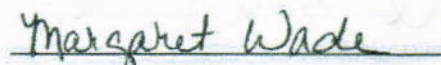
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**MC**



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Dean-Math and Natural Science Division




Crosswalk: Associates of Science at Midland College to Bachelor Science in Construction Engineering at Texas Tech University				
MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	4	MATH 2---	MATH 3350/2---*	Program Requirement
<b>Science</b>	<b>8</b>			
CHEM 1411	4	CHEM 1307 & 1107		Core 030N + Lab
PHYS 2425	4	PHYS 1408		Core 030N + Lab
<b>Language, Philosophy, and Culture</b>	<b>3</b>			
Language, Philosophy, and Culture	3	Language, Philosophy, and Culture		Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
Social and Behavioral Science Core	3	Social and Behavioral Science Core		Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>5</b>			
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
ENGR 1201	2	ENGR 1315**		Program Requirement
ENGR 1304	3	EGR 1207		Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>59</b>		<b>Semester Credit Hours Applicable</b>	<b>59</b>

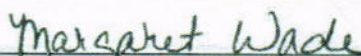
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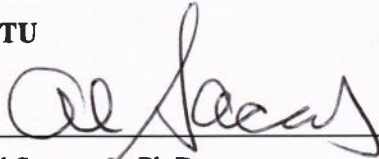
**Crosswalk: Associates of Science at Midland College to Bachelor Science in Electrical Engineering at Texas Tech University**

MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	4	MATH 2---	MATH 3350/2--*	Program Requirement
<b>Science</b>	<b>12</b>			
CHEM 1411	4	CHEM 1307 & 1107		Core 030N + Lab
PHYS 2425	4	PHYS 1408		Core 030N + Lab
PHYS 2426	4	PHYS 2401		Program Requirement
<b>Language, Philosophy, and Culture</b>	<b>3</b>			
Language, Philosophy, and Culture	3	Language, Philosophy, and Culture		Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
Social and Behavioral Science Core	3	Social and Behavioral Science Core		Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>0</b>			
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>58</b>		<b>Semester Credit Hours Applicable</b>	<b>58</b>

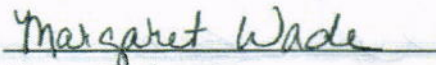
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Crosswalk: Associates of Science at Midland College to Bachelor Science in Environmental Engineering at Texas Tech University				
MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	3	MATH 2---	MATH 3350/2---	Program Requirement
<b>Science</b>	<b>24</b>			
CHEM 1411	4	CHEM 1307 & 1107		Core 030N + Lab
CHEM 1412	4	CHEM 1308 & 1108		Core 030N + Lab
CHEM 2423	4	CHEM 2---	CHEM 3305/2--- & CHEM 3105/2---	Program Requirement
PHYS 2425	4	PHYS 1408		Program Requirement
BIOL 1406	4	BIOL 1403		Program Requirement
BIOL 1407	4	BIOL 1404		Program Requirement
<b>Language, Philosophy, and Culture</b>				
Language, Philosophy, and Culture				Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>				
Social and Behavioral Science Core				Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>14</b>			
ENGR 2302	3	CE 2---	CE 3302/2---	Program Requirement
ENGR 2332	3	EE 2---	EE 3301/2---	Program Requirement
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
ENGR 1201	2	ENGR 1315**		Program Requirement
ENGR 1304	3	EGR 1207		Program Requirement
ENGR 2301	3	CE 2301		Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>78</b>		<b>Semester Credit Hours Applicable</b>	<b>78</b>

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\*\* ENGR 1201 will require an additional credit hour

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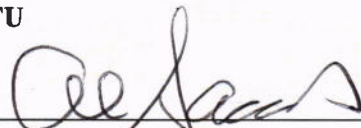
**Crosswalk: Associates of Science at Midland College to Bachelor Science in Industrial Engineering at Texas Tech University**

MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	4	MATH 2---	MATH 3350/2---*	Program Requirement
<b>Science</b>	<b>12</b>			
CHEM 1411	4	CHEM 1307 & 1107		Core 030N + Lab
CHEM 1412	4	CHEM 1308 & 1108		Core 030N + Lab
PHYS 2425	4	PHYS 1408		Program Requirement
<b>Language, Philosophy, and Culture</b>	<b>3</b>			
Language, Philosophy, and Culture	3	Language, Philosophy, and Culture		Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
Social and Behavioral Science Core	3	Social and Behavioral Science Core		Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>11</b>			
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
ENGR 1201	2	ENGR 1315**		Program Requirement
ENGR 1304	3	EGR 1206		Program Requirement
ENGR 2301	3	CE 2301 OR ME 2301		Program Requirement
ENGR 2302	3	CE 3302/2--- OR ME 2302	CE 3302/2--- OR ME 2302	Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>69</b>		<b>Semester Credit Hours Applicable</b>	<b>69</b>

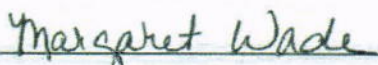
\* TTU cannot give junior-level credit for sophomore-level courses; \*\* ENGR 1201 will require an additional credit hour; † TTU Engineering requirement is 6-8 weeks abroad. Travel courses will subtract from the overall required time.

**Signatures:**

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 \_\_\_\_\_  
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 Dean-College of Engineering

**MC**

  
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 Dean-Math and Natural Science Division



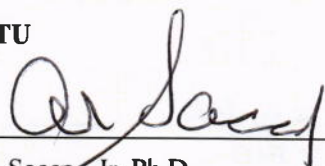
**Crosswalk: Associates of Science at Midland College to Bachelor Science in Mechanical Engineering at Texas Tech University**

MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	4	MATH 2---	MATH 3350/2---*	Program Requirement
<b>Science</b>	<b>12</b>			
CHEM 1411	4	CHEM 1307 & 1107		Core 030N + Lab
PHYS 2425	4	PHYS 1408		Core 030N + Lab
PHYS 2426	4	PHYS 2401		Program Requirement
<b>Language, Philosophy, and Culture</b>	<b>3</b>			
Language, Philosophy, and Culture	3	Language, Philosophy, and Culture		Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
Social and Behavioral Science Core	3	Social and Behavioral Science Core		Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>ENGR Courses</b>	<b>18</b>			
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
ENGR 1201	2	ENGR 1315**		Program Requirement
ENGR 1304	3	ENGR 1206		Program Requirement
ENGR 2301	3	ME 2301		Program Requirement
ENGR 2302	3	ME 2302	ME 2302/2---*	Program Requirement
ENGR 2305	3	ECE 3301	ECE 3301/2---*	Program Requirement
ENGR 2332	4	ME 2---	ME 3403/2---*	Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>76</b>		<b>Semester Credit Hours Applicable</b>	<b>76</b>

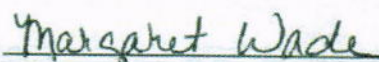
\*TTU cannot give junior-level credit for sophomore-level courses; \*\*ENGR 1201 will require an additional credit hour; †TTU Engineering requirement is 6-8 weeks abroad. Travel courses will subtract from the overall required time.

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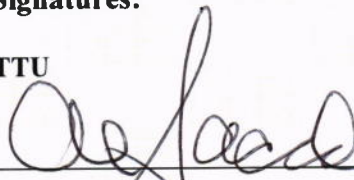
**Crosswalk: Associates of Science at Midland College to Bachelor Science in Petroleum Engineering at Texas Tech University**

MC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>16</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 021N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2420	4	MATH 2---	MATH 3350/2---*	Program Requirement
<b>Science</b>	<b>12</b>			
CHEM 1411	4	CHEM 1307 & 1107		Core 030N + Lab
PHYS 2425	4	PHYS 1408		Core 030N + Lab
PHYS 2426	4	PHYS 2401		Program Requirement
<b>Language, Philosophy, and Culture</b>	<b>3</b>			
Language, Philosophy, and Culture	3	Language, Philosophy, and Culture		Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301 OR	3	ART 1309		Core 050N
ARTS 1303 OR	3	ARTH 1301		Core 050N
ARTS 1304	3	ARTH 2302		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
Social and Behavioral Science Core	3	Social and Behavioral Science Core		Core 080N
<b>Speech</b>	<b>3</b>			
SPCH 1321	3	COMS 2358		Core 090C
<b>Major Specific Courses Here</b>	<b>11 or 12</b>			
Travel Course†		International Experience Requirement	Partial fulfillment of the 6 week requirement	Program Requirement
ENGR 1201	2	ENGR 1315**		Program Requirement
ENGR 2301	3	CE 2301 OR ME 2301		Program Requirement
ENGR 2302	3	CE 2--- OR ME 2---	CE 3302/2--- OR ME 2302/2---*	Program Requirement
ENGR 2332	3 or 4	CE 2--- or ME 2---	CE 3302/2--- OR ME 3403/2---*	Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>69 or 70</b>		<b>Semester Credit Hours Applicable</b>	<b>69 or 70</b>

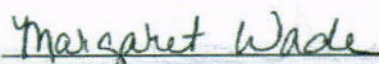
\* TTU cannot give junior-level credit for sophomore-level courses; \*\* ENGR 1201 will require an additional credit hour; † TTU Engineering requirement is 6-8 weeks abroad. Travel courses will subtract from the overall required time.

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