

Student ID: \_\_\_\_\_

SPC Advisor(s): \_\_\_\_\_

Student Name: \_\_\_\_\_

TTU Advisor(s): \_\_\_\_\_

# Pre-Engineering Technology – AS to BS – West Texas A&M University

## Lower Division Requirements at South Plains College for an AS degree

The courses in this section meet the requirements for an Associate of Science degree. Please reference the General Degree Requirements section in the catalog for additional information.

### First Semester

Course Name	Term Taken	Credit Hours	Grade
ENGL1301 – Composition I ( <i>Communication Core – 010</i> )		3	
ENGR1304 – Engineering Graphics		3	
MATH2412 – Precalculus or MATH1316 - Plane Trigonometry ( <i>MATH1316</i> ) ( <i>Math Core – 020</i> ) <i>Prerequisite: MATH1314 - College Algebra Math Core – 020 with a ‘C’ or better.</i>		3-4	
CHEM1411 – General Chemistry I ( <i>Life &amp; Physical Sciences Core – 030</i> )		4	
KINE Activity Course <i>counts towards degree requirements for AS</i>		1	
<b>Total Semester Hours</b>		<b>14-15</b>	

### Second Semester

Course Name	Term Taken	Credit Hours	Grade
ENGL1302 – Composition II <i>counts as Communication Core – 010 at SPC and as Component Area Option Core – 090 at WTAMU. Pre-requisite: ENGL1301 with a ‘C’ or better or English Chairperson Approval</i>		3	
MATH2413 - Calculus I <i>Prerequisite: MATH 2412 – Precalculus (Math Core – 020) with a ‘C’ or better.</i>		4	
Speech Communication – Select one of the following: SPCH 1311, SPCH1315, or SPCH1321. ( <i>SPC Component Area Option Core – 090 and WTAMU Communication Core – 010</i> ).		3	
HIST1301 – United States History I ( <i>American History Core – 060</i> )		3	
KINE Activity Course <i>counts toward degree requirements for AS</i>		1	
<b>Total Semester Hours</b>		<b>14</b>	

### Third Semester

Course Name	Term Taken	Credit Hours	Grade
PHYS1401 General Physics or PHYS2425 – Principles of Physics I ( <i>Life &amp; Physical Sciences Core – 030</i> ) <i>Prerequisite for PHYS1401 – MATH 1316 or Prerequisite for PHYS2425 - MATH2413 with a ‘C’ or better.</i>		4	
GOVT2305 – Federal Government <i>will transfer as POSC2305 (Government Core – 070).</i>		3	
ENGR1201 – Introduction to Engineering <i>will transfer as ENGR1301 and ENGR1301L.</i>		2	
HIST1302 – United States History II ( <i>American History Core – 060</i> )		3	
Creative Arts ( <i>Creative Arts Core - 050</i> )		3	
<b>Total Semester Hours</b>		<b>15</b>	

### Fourth Semester

Course Name	Term Taken	Credit Hours	Grade
PHYS1402 – General Physics or PHYS2426 – Principles of Physics II <i>Life &amp; Physical Science – 030</i> <i>Prerequisite for PHYS1402 – PHYS1401 or</i> <i>Prerequisite for PHYS2426 - MATH2414 and PHYS2425 with a 'C' or better.</i>		4	
Language, Philosophy and Culture ( <i>Language, Philosophy, and Culture Core – 040</i> )		3	
ENGR2308 – Engineering Economics <i>will transfer as ENGR 3202 Social &amp; Behavioral Sciences Core – 080.</i> <i>Prerequisite: MATH2413 with a 'C' or better.</i>		3	
GOVT2306 – Texas Government <i>will transfer as POSC2306 (Government Core – 070).</i>		3	
Elective – (Only required to achieve 60 credit hours, Select course from additional courses below)		3-4	
<b>Total Semester Hours</b>		<b>16-17</b>	
<b>Total Hours</b>		<b>60</b>	
<b>Additional Courses</b>			
Course Name	Term Taken	Credit Hours	Grade
ENGR2305 – Electrical Circuits I <i>will transfer as ENGR1375 and ENGR1375L</i> <i>Prerequisite: PHYS2426 and MATH2414 with a 'C' or better</i> <i>Pre/Corequisite: MATH2320</i>		3	
ENGR2301 – Engineering Mechanics I – Statics <i>Prerequisite: PHYS2425 with a 'C' or better</i>		3	
<b>SPC American History Core Component – 060 Options</b>			
Additional options are available to complete the American History Core. <i>Instead of HIST1301, students can take HIST2327 – Mexican American History I, HIST2381 – African American History I, or *HIST2301 – Texas History. For HIST1302, students can take HIST2328 – Mexican American History II, HIST2382 – African American History II, or *HIST2301 – Texas History. Texas History can be used one time to fulfill three of the six hours required.</i>			
<b>TSI-Compliance</b>			
Students who are not TSI-compliant in reading or English are advised to take the INRW0300/ENGL1301 corequisite. Successful completion will grant TSI-compliance in these areas and college-credit for ENGL1301. ENGL1302 requires a 'C' or better in the corequisite or approval by the English Chairperson. Students who are not TSI-compliant in math are advised to take the MATH0314/MATH1314 corequisite. Successful completion will grant TSI-compliance in math and college-credit for MATH1314.			
<b>WTAMU Engineering Note</b>			
Students, wanting to minor in mathematics, must take nine hours of advanced mathematics (3000/4000 level).			
<b>Using this Transfer Advising Guide with WTAMU</b>			
This Transfer Advising Guide represents West Texas A&M's degree plan and is subject to change at the university's discretion. It is intended for advising purposes only so students know which courses they can take at South Plains College and have the courses count towards degree requirements when they transfer to West Texas A&M. It is highly recommended that students meet with their assigned academic advisor to review all graduation and transfer requirements listed in the Transfer Advising Guide.			
The ultimate goal is to provide students with accurate information for transfer pathways while minimizing loss of credits in transfer. Students are encouraged to review West Texas A&M University's requirements frequently.			
The Transfer Advising Guide is based upon <a href="#">West Texas A&amp;M University's Catalog</a> and is subject to change.			

## Automatic Scholarships for Transfer Students

The following scholarships are awarded once you have: 1) been accepted for admission, 2) met the necessary criteria for the scholarship with official documentation and applied for financial aid through submission of the FAFSA. You will receive the largest scholarship for which you are qualified.

**Who is a transfer student?** *Students who enroll for the first time at WT with more than 12 post-high school credit hours will be considered transfer students for the purposes of these scholarships.*

**Buff Transfer Scholarship** - \$1,000/yr for up to 2 years

- 3.0 GPA
- Enrolled full-time (minimum of 12 hours per term, Fall and Spring)
- FAFSA application submitted 60 days prior to the first day of class

\*\*A merit scholarship of \$1000 or more will enable International students to receive the competitive scholarship waiver. This waives non-resident tuition. Contact the WT Business Office for further cost information. International students do not have to complete the FAFSA to qualify for this scholarship.

**Maroon Transfer Scholarship** - \$2,000/yr for up to 2 years

- 3.5 Transfer GPA
- U.S. Resident, U.S. Permanent Resident, and eligible noncitizens
- Enrolled full-time (12 or more hours per term, Fall and Spring)
- FAFSA application submitted 60 days prior to the first day of class

**President's Transfer Scholarship** - \$3,000/yr for up to 2 years

- 4.0 Transfer GPA
- U.S. Resident, U.S. Permanent Resident, and eligible noncitizens
- Enrolled full-time (12 or more hours per term, Fall and Spring)
- FAFSA application submitted 60 days prior to the first day of class

**Phi Theta Kappa Scholarship** - \$500 one-time award in addition to any other eligible scholarships

- Transcript from prior community college with PTK membership identified

Award Process:

Once required admission documentation (official transcripts, etc.) and FAFSA application (if required) are received, students must accept the award online. Then, the scholarship with the highest monetary value for which they qualify will be applied to their accounts. The Phi Theta Kappa scholarship will be applied to your account when membership has been documented and your scholarship accepted via our website. Please send verification of membership directly to the scholarship office at [scholarships@wtamu.edu](mailto:scholarships@wtamu.edu).

Additional scholarships? You are encouraged to [apply directly to the Scholarship Office](#) for additional WT Foundation scholarships. These additional awards are not automatic and require an application before the listed deadline.

You must earn 30 WT credit hours, maintain a 3.0 cumulative WT GPA the first academic year at WT, and complete the FAFSA to be eligible for renewal of this scholarship. If you maintain this standard, your scholarship will be renewed for

a second year. Once awarded, you will accept it online. Scholarships are divided equally between Fall and Spring terms. For consideration of departmental and donor scholarship funds, please complete the scholarship application each year prior to Feb. 1st It is available online at [www.wtamu.edu/scholarships](http://www.wtamu.edu/scholarships).