### NOTES

<table>
<thead>
<tr>
<th></th>
<th>CORE CURRICULUM REQUIREMENTS*</th>
<th>HRS</th>
<th>CORE #</th>
<th>MAJOR CORE REQUIREMENTS**</th>
<th>HRS</th>
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<tbody>
<tr>
<td>a</td>
<td>ENGL 1301 - Composition I</td>
<td>3</td>
<td>10</td>
<td>CHEM 1411 and 1412</td>
<td>6</td>
</tr>
<tr>
<td>a</td>
<td>ENGL 1302 - Composition II</td>
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<td>10</td>
<td>ENGR 2301 and 2302</td>
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<tr>
<td>b</td>
<td>Any SPCH course</td>
<td>3</td>
<td>11</td>
<td>ENGL 2311 Technical Writing</td>
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<tr>
<td>c</td>
<td>MATH 1314 or higher</td>
<td>3</td>
<td>20</td>
<td>MATH 2413 and 2414</td>
<td>6</td>
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<tr>
<td>d</td>
<td>Natural Science</td>
<td>6</td>
<td>30</td>
<td></td>
<td></td>
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<tr>
<td>e</td>
<td>Humanities</td>
<td>3</td>
<td>40</td>
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<td>f</td>
<td>Visual and Performing Arts</td>
<td>3</td>
<td>50</td>
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<tr>
<td>g</td>
<td>HIST 1301 or 2301 and 1302 or 2301</td>
<td>6</td>
<td>60</td>
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<td>h</td>
<td>GOVT 2301, 2302 - Government of U.S., Texas</td>
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<td>70</td>
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<td>i</td>
<td>Social and Behavioral Sciences</td>
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<td>80</td>
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<td>j</td>
<td>Institutionally Designated Option</td>
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<td>90</td>
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</tbody>
</table>

42**

### Additional Courses for the Associate Degree

Please note that not all courses may be offered each semester at the community college. Check with your counselor for availability of courses, as well as the option to pursue an associate's degree.

### EXPLANATION OF NOTES

* West Texas A&M University’s requirements are consistent with the 42-hour Texas core curriculum. If a student completes a component of the core at one Texas institution, that block of courses will be substituted for WTAMU’s same core component(s). Furthermore, core curriculum requirement courses may also be fulfilled by approved courses at WTAMU.

** Additional Program Foundation courses are required. These may be completed at Amarillo College or WTAMU.

*** A course may satisfy only one core area. For example, COMM 1307 will satisfy either Visual and Performing Arts (50) or Social Behavioral Sciences (80), but not both.

a. Six hours of lower-level English composition.
b. Satisfies the Speech Communication Requirement.
c. Satisfies the Mathematics core requirement.
d. Courses for Natural Science may include: any BIOL, CHEM, GEOL, or PHYS course; HECO 1410, AGRI 1307, 1312, 1415, or 1419. Six hours of appropriate science credit by examination may be used to satisfy the natural sciences requirement.
e. Courses for Humanities may include: ENGL 2322, 2326, 2332, 2333, 2342, 2343, or 2344; FREN, HUMA, PHIL, SPAN 1511 or higher; or HIST 1302 or 2301 if not used for the History core requirement.
f. Courses for Performing and Visual Arts may include: Any ARTS, COMM, DRAM, MUAP, MUEN, or MUSI course.
g. Satisfies the History core requirement.
h. Satisfies the Government core requirement.
i. Courses for Social and Behavioral Sciences may include: any ANTH, ECON, GEOG, PSYC, or SOCI course; AGRI 2317, COMM 1307.
j. Institutionally Designated Option courses may include: AGRI 1309, COCS 1309 or higher course.

This information is for reference and planning purposes. This is not an official degree plan.
Bachelor of Science—Civil Engineering
2011-2012 Catalog

GENERAL DEGREE REQUIREMENTS

• A minimum of 126 semester hours of applicable college credit.
• At least 39 hours of advanced work (courses at the 3000 or 4000 level) for which tuition is paid must be earned at WTAMU; 30 of the final 36 hours must be earned at WTAMU.
• Completion of West Texas A&M University core curriculum.
• Achievement of at least a “C” (2.0) average in all course work offered toward a degree, at least a “C” average in major requirements listed in degree plans and at least a “C” average in all hours in the student’s major subject.
• Credits may be transferred to West Texas A&M University to be counted toward a degree in accordance with the degree program requirements as outlined in the catalog. No grade of “D” in the program’s major requirements or major subject can transfer for credit in any degree program offered at West Texas A&M University.

CORE REQUIREMENTS FOR CIVIL ENGINEERING MAJORS

Civil Engineering Requirements
• ENGR 1171, 1201, 1304, 2301, 2302, and 3302
• MENG 3340, 4304, and 4350
• CENG 2361, 3321, 3331, 3341, 3351, 3362, 4372, and 4380
• CHEM 1411 and 1412
• CS 1315
• MATH 2413, 2414, 3340, and 3342
• PHYS 2425 and 2426
• One CENG Structural Design elective (3 hours)
• One CENG general elective (3 hours)
• One CENG design elective (3 hours)
• One ENGR (including ET or MENG) elective (3 hours)
• One hour upper-level MATH or PHYS elective or statistics selected from MATH 3311, 3343, 4340, 4341, 4361, 4362, PHYS 3310, 4310, 4330.