The engineering degree programs at TTU-Costa Rica consist of a freshman foundational curriculum, followed by an upper-division program that includes courses taken in the sophomore, junior, and senior years. Upon completion of the foundational curriculum, a student must apply and be successfully admitted to the upper-division degree programs. Students who are not successfully admitted to an upper-division degree program will not be allowed to continue with the engineering degree programs.

**FRESHMAN FOUNDATIONAL CURRICULUM**

All new admissions to the Whitacre College initially work to complete a foundational curriculum consisting of English I, English II, Calculus I, and Calculus II plus two science courses and a first engineering course that vary among the engineering degree programs. The foundational curriculum is supplemented with courses from the university core curriculum and first general engineering courses (statics, thermodynamics, circuits, and materials science) to provide the opportunity for full course loads and scheduling flexibility.

**UPPER-DIVISION PROGRAM**

When the foundational curriculum has been completed, students apply for admission to the upper division of their degree program. The acceptance criterion is based exclusively on a Texas Tech cumulative GPA that includes a minimum of 12 hours of coursework from the foundational curriculum. A minimum 2.5 GPA is required for admission to the engineering degree programs offered at TTU Costa Rica, and may change from one academic year to the next as necessary to align enrollments with the educational resources. The academic standards required by the Whitacre College of Engineering are summarized below. Exceptions to these standards are at the discretion of the dean of the Whitacre College of Engineering.

- A grade of C or better is required for all courses in an engineering degree plan.
- A grade of C or better must be achieved in all prerequisites before the subsequent course may be attempted.
- A minimum 2.5 GPA is required to maintain academic good standing and continued membership in the Whitacre College of Engineering.
- A full-time student must achieve a C or better in 18 credit hours of coursework in the degree plan in each 10-month period.
- An engineering course may be repeated only one time after a course drop, withdrawal, or failure to achieve a C or higher. A maximum of three engineering courses may be repeated.

**Electrical Engineering:**

The recommended foundational curriculum for electrical engineering consists of ENGL 1301, ENGL 1302, MATH 1451, MATH 1452, PHYS 1408, ECE 1304, and CHEM 1307/CHEM 1107. The recommended foundational curriculum for computer engineering consists of ENGL 1301, ENGL 1302, MATH 1451, MATH 1452, PHYS 1408, PHYS 2401, and ECE 1304.

**Computer Science:**

The recommended foundational curriculum for computer science consists of ENGL 1301, ENGL 1302, MATH 1451, MATH 1452, CS 1411, PHYS 1408, and either PHYS 2401 or the required science elective.
Industrial Engineering:

The recommended foundational curriculum for industrial engineering consists of ENGL 1301, ENGL 1302; MATH 1451, MATH 1452; CHEM 1307/CHEM 1107; PHYS 1408; ENGR 1315; or IE 1385.

ACADEMICS

- **No GPA minimum**
  
  However, and for comparison purposes, the average GPA of the accepted student over the last two years at Texas Tech University (Lubbock campus) was 3.29 on a 4.0 scale

- **Class Rank and Test Scores.**

  Students graduating from an accredited high school must submit the required combination of high school class rank and college entrance test scores. Admission to TTU-CR is evaluated according to the criteria indicated below:

<table>
<thead>
<tr>
<th>Class Rank</th>
<th>Test Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ACT</td>
</tr>
<tr>
<td>Top 10%</td>
<td>No minimum</td>
</tr>
<tr>
<td>First Quarter (excluding top 10%)</td>
<td>24</td>
</tr>
<tr>
<td>Second Quarter</td>
<td>26</td>
</tr>
<tr>
<td>Third Quarter</td>
<td>27</td>
</tr>
<tr>
<td>Fourth Quarter</td>
<td>Application Review</td>
</tr>
</tbody>
</table>

ADMINISTRATIVE

- **Application Fee: $75**

- **High School transcripts**

  Submit original or attested copies of high school transcripts and any exit examinations taken. May be sent electronically, but if you are admitted to Texas Tech University-Costa Rica, you must submit OFFICIAL FINAL TRANSCRIPTS upon arrival.

ENGLISH PROFICIENCY

- **Duolingo English Test (online examination)**

  The minimum required Duolingo score is 100. Scores are reported within 48 hours and are valid for two years.

- **TOEFL (Test of English as a Foreign Language)**

  The minimum TOEFL score required is 550 (paper-based version) or 79 (internet-based version). The TOEFL score must be received directly from Educational Testing Service (ETS). Texas Tech University’s institutional code is B100. TOEFL scores are valid for two years.

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• **IELTS (International English Language Testing Service)**
  The minimum IELTS score is an overall band score of 6.5 on the Academic version; IELTS General Training results are not acceptable. IELTS scores are valid for two years.

• **PTE Academic (Pearson Test of English Academic)**
  The minimum required PTE Academic score is 60. PTE General and PTE Young Learners results are not acceptable. PTE Academic scores are valid for two years.

• **Cambridge CPE (Cambridge Certificate of Proficiency in English)**
  The minimum required Cambridge CPE grade is “C”. The Cambridge CPE is valid for life.

• **Cambridge CAE (Cambridge Certificate of Advanced English)**
  The minimum required Cambridge CAE grade is “B”. The Cambridge CAE is valid for life.

***WAIVERS FOR ENGLISH PROFICIENCY EXAMS***

Waivers for English language proficiency will be granted to students who meet one of the following criteria:

• Achieved a score of 500 on the SAT Writing and Reading sections;

• Achieved a score of 21 on the ACT English section;

• Received a grade of 4 or better on the IB Diploma in English or a 4 or better on the A-level GCE in English Language (not English as a Second Language, English Literature, etc.) or;

• Attended two years of high school with U.S. accreditation.