

<b>Title:</b> <b>TCCN:</b>	<b>Introduction to Engineering</b> <b>ENGR 1201</b>
<b>Course Description</b>	<p>An introduction to the engineering profession with emphasis on technical communication and team-based engineering design. One hour of lecture and three hours of laboratory each week.</p> <p>Prerequisite: MATH 1314—College Algebra or equivalent academic preparation</p>
<b>Course Outcomes</b>	<p>Upon successful completion of this course, students will:</p> <ol style="list-style-type: none"> <li>1. Describe the engineering profession and engineering ethics, including professional practice and licensure.</li> <li>2. Use technical communication skills to explain the analysis and results of introductory laboratory exercises in engineering and computer science.</li> <li>3. Explain the engineering analysis and design process.</li> <li>4. Analyze data collected during laboratory exercises designed to expose students to the different engineering disciplines.</li> <li>5. Describe the impact engineering has had on the modern world.</li> <li>6. As part of a team, design a simple engineering device, write a design report, and present the design.</li> <li>7. Demonstrate computer literacy.</li> </ol>

Note: Some mechanical engineering programs will accept the course ENGR 1201 for transfer credit and as applicable to the engineering major, while others will accept the course for transfer credit only. The student is advised to check with the school to which he or she wants to transfer for specific applicability of this course to the engineering major.