

# YOUR Major Action Plan: Engineering Technology



What is YOUR passion?	1st YEAR	2nd YEAR
<p>Making things</p> <p>Taking things apart to see how they work</p> <p>Using your hands to create</p> <p>Working with people and equipment</p> <p>Learning how things are made</p>	<p><b>YOUR Target Courses</b></p> <ul style="list-style-type: none"> <li>- Complete at least 30 credit hours, including FYS course.</li> <li>- See Faculty Academic Advisor to discuss your desired major and concentration, Grade Point Average (GPA) requirements, <a href="#">Academic Advising Guide</a>, and file your degree plan.</li> <li>- Discuss, explore and choose your career path.                             <ul style="list-style-type: none"> <li>- Industrial Technology (IT)</li> <li>- Manufacturing Engineering Technology (MET)</li> <li>- Mechanical Engineering Technology (MECH)</li> </ul> </li> <li>- For MET and MECH, MATH 2413 needs to be completed by the end of year 1. If not, it is strongly recommended that it is completed as a summer course to stay on track.</li> </ul>	<ul style="list-style-type: none"> <li>- See Engineering Technology Faculty Advisor to be advised prior to registering each semester.</li> <li>- Complete at least 30 credit hours, including key pre-requisites dependent upon your discipline, including but not limited to:                             <ul style="list-style-type: none"> <li>- IT—MATH 1316 or MATH 2412</li> <li>- MET—MATH 2413, ENGT 1306</li> <li>- MECH—MATH 2413, ENGT 1306</li> </ul> </li> </ul>
<p>Robotics and Automation</p> <p>Manufacturing systems</p> <p>Mechanical design</p> <p>Computer aided design and manufacturing</p> <p>Operations management</p> <p><b>Industry &amp; Consulting</b></p>	<p><b>Find YOUR Way</b></p> <ul style="list-style-type: none"> <li>- Attend <a href="#">Study Skills</a> sessions for additional assistance with acclimating the first year.</li> <li>- Attend or use <a href="#">Academic Resource Center Coaching</a>, <a href="#">Math Clinic</a>, <a href="#">tutoring options</a>, and <a href="#">Writing Center</a>.</li> <li>- Know the <a href="#">FAFSA</a> and <a href="#">Scholarship deadlines</a> each year and submit these!.</li> <li>- Explore student groups and organizations in your major or area of interest through <a href="#">TexanSync</a>.                             <ul style="list-style-type: none"> <li>- Tarleton Society of Engineering Technology</li> <li>- Professional Society Student Chapters</li> </ul> </li> <li>- Seek help from <a href="#">Student Counseling Center</a> for home sickness, depression, or other issues.</li> <li>- Feeling ill? Visit <a href="#">Student Health Services</a> for physical health related concerns.</li> <li>- Undecided about your major? Want to learn more about different career options? Take advantage of <a href="#">career counseling and career assessments</a> through Career Services.</li> </ul>	<ul style="list-style-type: none"> <li>- Explore participating in undergraduate research opportunities with Engineering Technology Faculty.</li> <li>- Explore available <a href="#">Applied Learning Experiences (ALE)</a> such as internships, research, study abroad, service learning or leadership experiences.</li> <li>- Work as a lab assistant in one of the labs</li> <li>- Explore student groups and organizations in <a href="#">TexanSync</a> in your major or hobby areas.                             <ul style="list-style-type: none"> <li>- Tarleton Society of Engineering Technology</li> <li>- Professional Society Student Chapters</li> </ul> </li> </ul>
<p>Lockheed Martin</p> <p>L3 Technologies</p> <p>Triumph</p> <p>TechnipFMC</p> <p>M&amp;M Mars</p>	<p><b>Sharpen YOUR Skills</b></p> <ul style="list-style-type: none"> <li>- Start researching the <a href="#">marketable skills</a> that employers are seeking.</li> <li>- Get involved in <a href="#">Service Day</a> and Tarleton Roundup.</li> <li>- Apply to be a <a href="#">Residential Leader (RL)</a> or Tarleton Transition Mentor (TTM)</li> <li>- Run for <a href="#">Freshman Representative Council</a> with SGA (Student Government Association).</li> <li>- Look into <a href="#">Greek Organizations</a> to network and build community.</li> </ul>	<ul style="list-style-type: none"> <li>- Seek out volunteer and service learning opportunities in your area through <a href="#">Volunteer Match</a> or <a href="#">United Way</a> to give back to the community and build marketable skills for future employment.</li> <li>- Attend events offered by <a href="#">The Office of Diversity and Inclusion</a> and <a href="#">Fine Arts Center</a> for cultural, and diversity awareness.</li> <li>- Participate in <a href="#">Alternative Spring Break</a>.</li> <li>- Run for <a href="#">Student Government Association</a>.</li> <li>- Seek out summer internship opportunities with a faculty mentor or advisor.</li> </ul>
	<p><b>YOUR Next Steps</b></p> <ul style="list-style-type: none"> <li>- Check out part-time jobs in <a href="#">Career Services employment system</a> to gain work experience for your resume.</li> <li>- Attend <a href="#">job and graduate school fairs</a> to explore possible future opportunities. Make a <a href="#">good first impression with your attire</a>.</li> <li>- Investigate the type of lifestyle, salary and occupation you would like to have through Texas <a href="#">Reality Check</a> tool (powered by Texas Workforce Commission).</li> <li>- Learn more about your student loan debt, budgeting and much more through <a href="#">SALT</a>.</li> </ul>	<ul style="list-style-type: none"> <li>- Explore <a href="#">career opportunities</a> within your major.</li> <li>- Ask <a href="#">Career Services</a> how to conduct a job shadow.</li> <li>- Convert your high school resume into a pre-professional <a href="#">resume</a> with help from Career Services and your engineering faculty.</li> <li>- Get to know your instructors to develop professional references and explore research opportunities and internships.</li> <li>- Create your online portfolio through <a href="#">Portfolioium</a>. Consult with Career Services or your Faculty Advisor on items to include.</li> </ul>

# YOUR Major Action Plan: Engineering Technology



Graduate Placement		3rd YEAR	4th YEAR
<p>Grad School</p> <p>TAMU-Commerce</p> <p>Texas Tech</p> <p>Oklahoma Univ.</p>	<p>YOUR Target Courses</p>	<ul style="list-style-type: none"> <li>- See Engineering Technology Faculty Advisor to be advised prior to registration each semester.</li> <li>- Complete at least 30 credit hours to ensure a timely graduation.</li> </ul>	<ul style="list-style-type: none"> <li>- See Engineering Technology Faculty Advisor to be advised and to review your degree audit.</li> <li>- Senior Capstone Project topics and opportunities</li> <li>- Complete remaining credit hours</li> </ul>
<p>UNT</p> <p>UT-Arlington</p> <p>Univ. of Michigan</p> <p>Tarleton</p>	<p>Find YOUR Way</p>	<ul style="list-style-type: none"> <li>- Consider participating in undergraduate research opportunities with Engineering Technology Faculty.</li> <li>- Participate in an internship. Suggested resources for internships can be found on the ENGT department billboard, <a href="#">Career Service's employment system</a>, or the <a href="#">College Internship Program's website</a>.</li> <li>- Conduct informational interviews and talk to professionals working in your fields of interest.</li> <li>- Take part in the <a href="#">Official Ring Ceremony</a>.</li> <li>- Participate in <a href="#">TAMUS Engineering Career Fair</a>.</li> <li>- Participate in Tarleton's Career Fair</li> </ul>	<ul style="list-style-type: none"> <li>- Consider participating in undergraduate research opportunities with Engineering Technology Faculty.</li> <li>- Explore available <a href="#">Applied Learning Experiences (ALE)</a> such as internships, research, study abroad, service learning or leadership experiences.</li> <li>- Participate in <a href="#">TAMUS Engineering Career Fair</a>.</li> <li>- Participate in Tarleton's Career Fair</li> </ul>
	<p>Sharpen YOUR Skills</p>	<ul style="list-style-type: none"> <li>- Explore student organizations in <a href="#">TexanSync</a> in your major.                             <ul style="list-style-type: none"> <li>- Tarleton Society of Engineering Technology</li> <li>- Professional Society Student Chapters</li> </ul> </li> <li>- Consider taking on leadership roles within your student organizations and clubs.</li> <li>- Seek out volunteer and service learning opportunities such as <a href="#">All For Good</a> <ul style="list-style-type: none"> <li>-give back to the community</li> <li>-build marketable skills for future employment.</li> </ul> </li> <li>- Seek out summer internship opportunities.</li> <li>- Become an <a href="#">Academic Resource Center– Coach Leader (ARC-C Leader)</a></li> </ul>	<ul style="list-style-type: none"> <li>- Explore student organizations in <a href="#">TexanSync</a> in your major.                             <ul style="list-style-type: none"> <li>- Tarleton Society of Engineering Technology</li> <li>- Professional Society Student Chapters</li> </ul> </li> <li>- Consider taking on leadership roles within your student organizations and clubs.</li> <li>- Seek out volunteer and service learning opportunities such as <a href="#">All For Good</a> <ul style="list-style-type: none"> <li>-give back to the community</li> <li>-build marketable skills for future employment.</li> </ul> </li> </ul>
<p>Explore more occupations and occupation groups through the <a href="#">Occupational Outlook Handbook</a> powered by the Bureau of Labor and Statistics.</p>	<p>YOUR Next Steps</p>	<ul style="list-style-type: none"> <li>- Meet with a Career Services staff member to plan your <a href="#">job-search campaign</a>, schedule <a href="#">mock interviews</a>, resume critiques, and a <a href="#">Business Etiquette Dinner</a>.</li> <li>- Consider graduate school and application deadlines or employment.</li> <li>- Create a <a href="#">LinkedIn</a> profile to further your professional networking.</li> <li>- Check the <a href="#">Career Services calendar</a> for career development workshops.</li> <li>- Investigate graduate schools and attend the Open House for <a href="#">TSU Graduate Studies</a>.</li> <li>- Need to get more experience and skills? Check out <a href="#">CareerOneStop.org</a> sponsored by the US Department of Labor.</li> </ul>	<ul style="list-style-type: none"> <li>- <b>File for GRADUATION!</b></li> <li>- Update your resume in <a href="#">Career Service's employment system</a>, Portfolio and LinkedIn.</li> <li>- Research potential employers, seek out networking opportunities, apply for available positions, and prepare for potential interviews.</li> <li>- Compile reference letters, awards, etc.</li> <li>- Attend <a href="#">job fairs</a> and <a href="#">dress professionally</a>.</li> <li>- Consider and review various job offers, if necessary, review information needed to <a href="#">negotiate a salary</a>.</li> <li>- <b>File for GRADUATION!</b></li> <li>- Graduate! Congratulations!</li> <li>- Join the <a href="#">Tarleton Alumni Association</a> to stay connected to the University. <b>BLEED PURPLE!</b></li> </ul>