## Major Action Plan: Engineering Technology

<table>
<thead>
<tr>
<th>Your Passion</th>
<th>1st YEAR</th>
<th>2nd YEAR</th>
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</thead>
</table>
| Making things | - Complete at least 30 credit hours, including FYS course.  
- See Faculty Academic Advisor to discuss your desired major and concentration, Grade Point Average (GPA) requirements, Academic Advising Guide, and file your degree plan.  
- Discuss, explore and choose your career path.  
- Industrial Technology (IT)  
- Manufacturing Engineering Technology (MET)  
- Mechanical Engineering Technology (MECH)  
- 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. | - See Engineering Technology Faculty Advisor to be advised prior to registering each semester.  
- Complete at least 30 credit hours, including key pre-requisites dependent upon your discipline, including but not limited to:  
  - IT—MATH 1316 or MATH 2412  
  - MET—MATH 2413, ENGT 1306  
  - MECH—MATH 2413, ENGT 1306 |
| Taking things apart to see how they work | - Attend Study Skills sessions for additional assistance with acclimating the first year.  
- Attend or use Academic Resource Center Coaching, Math Clinic, tutoring options, and Writing Center.  
- Know the FAFSA and Scholarship deadlines each year and submit these!  
- Explore student groups and organizations in your major or area of interest through TexanSync.  
- Tarleton Society of Engineering Technology - Professional Society Student Chapters  
- Seek help from Student Counseling Center for home sickness, depression, or other issues.  
- Feeling ill? Visit Student Health Services for physical health related concerns.  
- Undecided about your major? Want to learn more about different career options? Take advantage of career counseling and career assessments through Career Services. | - Explore participating in undergraduate research opportunities with Engineering Technology Faculty.  
- Explore available Applied Learning Experiences (ALE) such as internships, research, study abroad, service learning or leadership experiences.  
- Work as a lab assistant in one of the labs  
- Explore student groups and organizations in TexanSync in your major or hobby areas.  
  - Tarleton Society of Engineering Technology  
  - Professional Society Student Chapters |
| Using your hands to create | - Start researching the marketable skills that employers are seeking.  
- Get involved in Service Day and Tarleton Roundup.  
- Apply to be a Residential Leader (RL) or Tarleton Transition Mentor (TTM)  
- Run for Freshman Representative Council with SGA (Student Government Association).  
- Look into Greek Organizations to network and build community. | - Seek out volunteer and service learning opportunities in your area through Volunteer Match or United Way to give back to the community and build marketable skills for future employment.  
- Attend events offered by The Office of Diversity and Inclusion and Fine Arts Center for cultural, and diversity awareness.  
- Participate in Alternative Spring Break.  
- Run for Student Government Association.  
- Seek out summer internship opportunities with a faculty mentor or advisor. |
| Working with people and equipment | - Check out part-time jobs in Career Services employment system to gain work experience for your resume.  
- Attend job and graduate school fairs to explore possible future opportunities. Make a good first impression with your attire.  
- Investigate the type of lifestyle, salary and occupation you would like to have through Texas Reality Check tool (powered by Texas Workforce Commission).  
- Learn more about your student loan debt, budgeting and much more through SALT. | - Explore career opportunities within your major.  
- Ask Career Services how to conduct a job shadow.  
- Convert your high school resume into a pre-professional resume with help from Career Services and your engineering faculty.  
- Get to know your instructors to develop professional references and explore research opportunities and internships.  
- Create your online portfolio through Portfolium. Consult with Career Services or your Faculty Advisor on items to include. |
| Learning how things are made | | |
| Robotics and Automation | | |
| Manufacturing systems | | |
| Mechanical design | | |
| Computer aided design and manufacturing | | |
| Operations management | | |
| Industry & Consulting | | |
| Lockheed Martin | | |
| L3 Technologies | | |
| Triumph | | |
| TechnipFMC | | |
| M&M Mars | | |
### YOUR Major Action Plan: Engineering Technology

<table>
<thead>
<tr>
<th>Graduate Placement</th>
<th>3rd YEAR</th>
<th>4th YEAR</th>
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<tbody>
<tr>
<td>Grad School</td>
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<tr>
<td>TAMU-Commerce</td>
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<td>Texas Tech</td>
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<td>UNT</td>
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<td>UT-Arlington</td>
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<td>Univ. of Michigan</td>
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<tr>
<td>Tarleton</td>
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#### Your Target Courses
- See Engineering Technology Faculty Advisor to be advised prior to registration each semester.
- Complete at least 30 credit hours to ensure a timely graduation.

#### Find Your Way
- Consider participating in undergraduate research opportunities with Engineering Technology Faculty.
- Participate in an internship. Suggested resources for internships can be found on the ENGT department billboard, Career Service’s employment system, or the College Internship Program’s website.
- Conduct informational interviews and talk to professionals working in your fields of interest.
- Take part in the Official Ring Ceremony.
- Participate in TAMUS Engineering Career Fair.
- Participate in Tarleton’s Career Fair

#### Sharpen Your Skills
- Explore student organizations in TexanSync in your major.
  - Tarleton Society of Engineering Technology
  - Professional Society Student Chapters
- Consider taking on leadership roles within your student organizations and clubs.
- Seek out volunteer and service learning opportunities such as All For Good
  - give back to the community
  - build marketable skills for future employment.
- Seek out summer internship opportunities.
- Become an Academic Resource Center–Coach Leader (ARC-C Leader)

#### Your Next Steps
- Meet with a Career Services staff member to plan your job-search campaign, schedule mock interviews, resume critiques, and a Business Etiquette Dinner.
- Consider graduate school and application deadlines or employment.
- Create a LinkedIn profile to further your professional networking.
- Check the Career Services calendar for career development workshops.
- Investigate graduate schools and attend the Open House for TSU Graduate Studies.
- Need to get more experience and skills? Check out CareerOneStop.org sponsored by the US Department of Labor.

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- Participate in TAMUS Engineering Career Fair.
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- Seek out volunteer and service learning opportunities such as All For Good
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#### Next Steps
- File for GRADUATION!
- Update your resume in Career Service’s employment system, Portfolium and LinkedIn.
- Research potential employers, seek out networking opportunities, apply for available positions, and prepare for potential interviews.
- Compile reference letters, awards, etc.
- Attend job fairs and dress professionally.
- Consider and review various job offers, if necessary, review information needed to negotiate a salary.
- File for GRADUATION!
- Graduate! Congratulations!
- Join the Tarleton Alumni Association to stay connected to the University. BLEED PURPLE!