

# Engineering Technology (ETEC) ~ Grad-Track Snapshot (rev FA16)

*Technology is hardware, software and techniques.*

*We use technology to solve engineering problems for industry in the short to medium time-frame.*

<i>What is Grad-Track?</i>	This is a 5-year joint BSET/MSET degree completed in an accelerated fashion.
<i>Qualifications</i>	<ul style="list-style-type: none"> <li>✓ Apply for the Grad-Track option during the junior year, or after completing at least 75 credit hours. A benchmark is readiness for the Senior Design I course in the following fall semester</li> <li>✓ Cumulative GPA <math>\geq 3.50</math> required at the time of application submission</li> <li>✓ After admission to the Grad-Track program, complete at least 90 credit hours, and take up to 9 hours of graduate courses as technical electives toward the BSET degree. Earn a grade of 'B' or better in these graduate courses to be counted toward the MSET degree</li> <li>✓ Students admitted to the Grad-Track option are conditionally admitted to the MSET program. Students who satisfy all BSET requirements and complete up to 9 credits of graduate courses with a 'B' or better will be evaluated for unconditional admission to the MSET degree program.</li> </ul>
<i>BSET Degrees</i>	All three BSET degrees in Construction, Electrical and Mechanical are available for this option and each has its own degree plan applicable to the Grad-Track.
<i>MSET Degrees</i>	<p>There are four tracks: Construction Management, Engineering Management, Electrical Systems, and Mechanical Systems. Each track has three degree options:</p> <ul style="list-style-type: none"> <li>➤ Thesis: 30 credits including a 6-credit Thesis completed using MSET 5950</li> <li>➤ Project: 33 credits including a 3-credit Project using MSET 5930</li> <li>➤ Course: 33 credits including an integrative course at the end of the program</li> </ul> <p>In many instances an extension of the Capstone Project may be used to define a suitable Thesis or Project topic. For further information visit <a href="https://engineering.unt.edu/technology/graduate">https://engineering.unt.edu/technology/graduate</a></p>
<i>Benefits</i>	<ul style="list-style-type: none"> <li>✓ Advance technical and other professional skills for managerial tasks</li> <li>✓ Higher starting salaries and upward industry mobility</li> <li>✓ Graduate degrees may count toward PE licensure in some states</li> <li>✓ Doctoral opportunities with multiple career paths: students completing the MSET with a Thesis and satisfying other eligibility requirements may continue to earn a PhD in other engineering fields within the College of Engineering at UNT. In addition, MSET graduates may pursue PhD studies in management, in engineering, or in technology, or obtain a Doctor of Engineering (DE) degree offered by many universities. Some candidates may be interested in the Doctor of Jurisprudence (JD) degree for example in patent law, as well as doctoral programs in education such as the D.Ed. and Ph.D. opening doors to STEM teaching careers in High Schools and Community Colleges, or in Engineering Technology in over 100 US universities.</li> </ul>