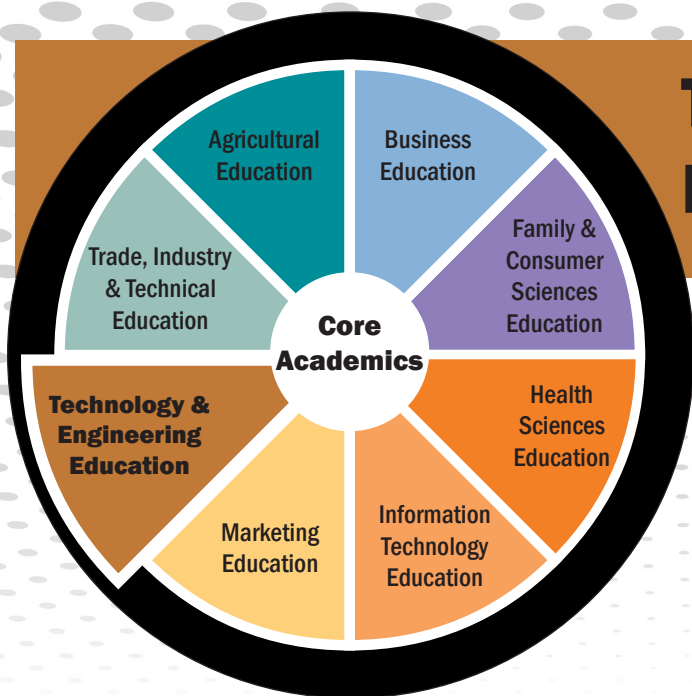


# Technology & Engineering Education



## Technology & Engineering Education Course Options

|   |
|---|
| Advanced Design Applications            |
| Advanced Tech Applications              |
| Energy & Transportation Technology      |
| Engineering Design                      |
| Foundations of Technology               |
| Invention and Innovation                |
| PLTW Civil Engineering & Architecture   |
| PLTW Environmental Sustainability       |
| PLTW Introduction to Engineering Design |
| PLTW Principles of Engineering          |
| Robotics Engineering                    |
| Technological Design                    |

## In-Demand Occupations

|                              | Average Annual Wage | Average Annual Openings | Postsecondary Institution | Degree or Certificate | Licensure   | CTSO |
|------------------------------|---------------------|-------------------------|---------------------------|-----------------------|---|------|
| Electrical Engineer          | \$89,680            | 52                      | NDSU, UM, UND             | BS<br>Masters         | ND State Board of Registration for Professional Engineers & Land Surveyors<br><a href="https://ndpelsboard.org">https://ndpelsboard.org</a> | TSA  |
| Mechanical Engineer          | \$75,770            | 58                      | NDSU, UJ, UM, UND         | BS<br>Masters         | ND State Board of Registration for Professional Engineers & Land Surveyors<br><a href="https://ndpelsboard.org">https://ndpelsboard.org</a> | TSA  |
| Mining & Geological Engineer | \$80,350            | 7                       | UND                       | BS<br>Masters         | ND State Board of Registration for Professional Engineers & Land Surveyors<br><a href="https://ndpelsboard.org">https://ndpelsboard.org</a> | TSA  |
| Petroleum Engineer           | \$124,880           | 12                      | UND                       | BS                    | ND State Board of Registration for Professional Engineers & Land Surveyors<br><a href="https://ndpelsboard.org">https://ndpelsboard.org</a> | TSA  |
| Transportation Engineer      | \$64,560            | 4                       | NDSU, UM, UND             | BS<br>Masters         | ND State Board of Registration for Professional Engineers & Land Surveyors<br><a href="https://ndpelsboard.org">https://ndpelsboard.org</a> | TSA  |



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