

# 2025-2026 TTC Catalog

## Basic Industrial Work Skills

### Certificate in Applied Science

#### 25 Credit Hours

This certificate is designed to offer employability skills for the industrial environment and prepare the student for various entry-level positions at industrial and manufacturing work sites. Topics such as safety, communication, problem solving and computer use are introduced.

#### Major Requirements

IDS 109 First Year Experience Seminar 3  
IET 223 Industrial Safety 3  
IMT 106 Fundamentals of Industrial Technology 3  
IMT 115 Industrial Schematics 3  
IMT 160 Preventive Maintenance 3  
IMT 161 Mechanical Power Applications 4  
MTT 120 Machine Tool Print Reading 3  
QAT 110 Manufacturing Methods 3

Total: 25

#### Admission Requirements

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.