

# 2025-2026 TTC Catalog

## Microcomputer Programming

### Certificate in Applied Science

#### 18 Credit Hours

This certificate program prepares students for employment with companies looking for programming professionals. Students progress in a step-by-step, class-by-class methodology that takes them to a skill level where they can work in any programming environment. The curriculum uses many of the current programming languages.

#### Major Requirements

CPT 114 Computers and Programming 3  
CPT 167 Introduction to Programming Logic 3  
CPT 180 Shell Scripting 3  
CPT 187 Object-Oriented Logic and Design 3  
CPT 237 Advanced Java Programming 3  
CPT 244 Data Structures 3

Total: 18

#### 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.