

# 2020-2021 TTC Catalog - Manufacturing and Maintenance

TTC's Division of Manufacturing and Maintenance provides programs addressing the needs of the advanced manufacturing as well as the building and automotive maintenance industries. Not only are jobs in these sectors considered high demand; they are also high wage positions. Associate degrees and certificates are offered in the areas of Automotive technology, Machine Tool technology, Industrial Maintenance, Welding technology and Air Conditioning and Refrigeration Mechanics. Students interested in any of the division's programs should enjoy learning how machines operate and creating components from drawings, and should have a curious and logical mind. Students will learn from experienced professionals in an industrial environment where hands-on skill development and safety are emphasized.

## Associate Degree

General Technology - Air Conditioning and Refrigeration Mechanics

General Technology - Automotive Technology

General Technology - Industrial Maintenance

General Technology - Machine Tool Technology

General Technology - Marine Engineering Technology

General Technology - Welding

## Certificate

Advanced Air Conditioning and Refrigeration Mechanics

Advanced CNC Operations

Air Conditioning - Refrigeration Mechanics

Automotive Servicing

Basic CNC Operations

Basic Industrial Work Skills

Commercial and Industrial ACR Systems

Commercial Truck Driving

Facilities Maintenance

Gas Metal Arc Welding Fundamentals

Industrial Mechanic

Introduction to Arc Welding

Introduction to Automotive Servicing

Machining and CNC Fundamentals

Production Technology

Welding Gas Metal Arc and Flux Cored Arc

Welding Gas Tungsten Arc

Welding Shielded Metal Arc