

# APPLIED TECHNOLOGY DIVISION

## Bachelor of Architecture

- Architecture (<https://catalog.tmcc.edu/degrees-certificates/barch/>)

## Associate of Applied Science

- Air Conditioning Technology (<https://catalog.tmcc.edu/degrees-certificates/air-conditioning-technology-aas/>)
- Apprenticeship (<https://catalog.tmcc.edu/degrees-certificates/apprenticeship-aas/>)

## Associate of Applied Science, Architecture and Construction

- Architecture and Residential Design (<https://catalog.tmcc.edu/degrees-certificates/architecture-and-residential-design-architecture-and-construction-aas/>)
- Construction Management (<https://catalog.tmcc.edu/degrees-certificates/construction-management-architecture-and-construction-aas/>)
- Landscape Architecture (<https://catalog.tmcc.edu/degrees-certificates/landscape-architecture-architecture-and-construction-aas/>)

## Associate of Applied Science, Manufacturing Technologies

- Automation and Robotics (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-automation-and-robotics-aas/>)
- Machining (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-machining-aas/>)
- Welding (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-welding-aas/>)

## Associate of Applied Science, Transportation Technologies

- Automotive Certified Technician (<https://catalog.tmcc.edu/degrees-certificates/transportation-technologies-automotive-certified-technician-aas/>)
- Diesel Technician (<https://catalog.tmcc.edu/degrees-certificates/transportation-technologies-diesel-technician-aas/>)
- Heavy Equipment Technician (<https://catalog.tmcc.edu/degrees-certificates/transportation-technologies-heavy-equipment-technician-aas/>)

## Certificates of Achievement

- Advanced Manufacturing and Automation (<https://catalog.tmcc.edu/degrees-certificates/advanced-manufacturing-and-automation-ca/>)
- Air Conditioning Technology (<https://catalog.tmcc.edu/degrees-certificates/air-conditioning-technology-ca/>)

- Apprenticeship (<https://catalog.tmcc.edu/degrees-certificates/apprenticeship-ca/>)
- Architectural Drafting (<https://catalog.tmcc.edu/degrees-certificates/architectural-drafting-ca/>)
- Automotive ASE Technician (<https://catalog.tmcc.edu/degrees-certificates/automotive-ase-technician-ca/>)
- Automotive General Service Technician (<https://catalog.tmcc.edu/degrees-certificates/automotive-general-service-technician-ca/>)
- Computer Numeric Controlled (CNC) Machining (<https://catalog.tmcc.edu/degrees-certificates/computer-numeric-controlled-machining-ca/>)
- Diesel ASE Technician (<https://catalog.tmcc.edu/degrees-certificates/diesel-ase-technician-ca/>)
- Diesel General Service Technician (<https://catalog.tmcc.edu/degrees-certificates/diesel-general-service-technician-ca/>)
- Fundamentals of Smart Automation (<https://catalog.tmcc.edu/degrees-certificates/fundamentals-of-smart-automation-ca/>)
- Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R) (<https://catalog.tmcc.edu/degrees-certificates/heating-ventilation-air-conditioning-refrigeration-ca/>)
- Heavy Equipment Maintenance Technician (<https://catalog.tmcc.edu/degrees-certificates/heavy-equipment-maintenance-technician-ca/>)
- LMH Diesel Fleet Maintenance Technician (<https://catalog.tmcc.edu/degrees-certificates/lmh-diesel-fleet-maintenance-technician-ca/>)
- Manufacturing Technologies Welding CNC (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-welding-cnc-ca/>)
- Welding Technology (<https://catalog.tmcc.edu/degrees-certificates/welding-technology-ca/>)

## Skills Certificate

- Air Conditioning Technology (<https://catalog.tmcc.edu/degrees-certificates/air-conditioning-technology-sc/>)
- Apprenticeship (<https://catalog.tmcc.edu/degrees-certificates/apprenticeship-sc/>)
- Automotive Service Excellence(ASE)-Basic (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-basic-sc/>)
- Automotive Service Excellence (ASE)-Diesel Equipment Technician: Heavy Equipment Electrical (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-equipment-technician-heavy-equipment-electrical-sc/>)
- Automotive Service Excellence (ASE)-Diesel Equipment Technician: Heavy Equipment Hydraulics (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-equipment-technician-heavy-equipment-hydraulics-sc/>)
- Automotive Service Excellence(ASE)-Diesel Technician: Basic (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-technician-basic-sc/>)
- Automotive Service Excellence(ASE)-Diesel Technician: Electrical (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-technician-electrical-sc/>)
- Automotive Service Excellence(ASE)-Diesel Technician: Heavy Duty Power Trains (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-technician-heavy-duty-power-trains-sc/>)

- Automotive Service Excellence(ASE)-Diesel Technician: Heavy Duty (HD) Diesel Engines (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-technician-heavy-duty-diesel-engines-sc/>)
- Automotive Service Excellence(ASE)-General Service (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-general-service-sc/>)
- Automotive Service Excellence(ASE)-Master (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-master-sc/>)
- Commercial Refrigeration (<https://catalog.tmcc.edu/degrees-certificates/commercial-refrigeration-sc/>)
- Construction Estimating (<https://catalog.tmcc.edu/degrees-certificates/construction-estimating-sc/>)
- Construction Project Management (<https://catalog.tmcc.edu/degrees-certificates/construction-project-management-sc/>)
- Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) (<https://catalog.tmcc.edu/degrees-certificates/heating-ventilation-air-conditioning-refrigeration-sc/>)
- Industrial Communications and Data Analytics (<https://catalog.tmcc.edu/degrees-certificates/industrial-communications-and-data-analytics-sc/>)
- Industrial Maintenance for Automation (<https://catalog.tmcc.edu/degrees-certificates/industrial-maintenance-for-automation-sc/>)
- Industrial Mechatronics (<https://catalog.tmcc.edu/degrees-certificates/industrial-mechatronics-sc/>)
- Industrial Process and Maintenance Theory (<https://catalog.tmcc.edu/degrees-certificates/industrial-process-and-maintenance-theory-sc/>)
- Industrial Programming and Controls (<https://catalog.tmcc.edu/degrees-certificates/industrial-programming-and-controls-sc/>)
- Light Duty Diesel Engines (<https://catalog.tmcc.edu/degrees-certificates/light-duty-diesel-engines-sc/>)
- Machining Level 1, CNC Milling (<https://catalog.tmcc.edu/degrees-certificates/machining-level-1-cnc-milling-sc/>)
- Machining Level 1, CNC Turning (<https://catalog.tmcc.edu/degrees-certificates/machining-level-1-cnc-turning-sc/>)
- Manufacturing Technologies Welding CNC (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-welding-cnc-sc/>)
- Revit Architectural Drafting (<https://catalog.tmcc.edu/degrees-certificates/revit-architectural-drafting-sc/>)
- Welding: Flux-Cored Arc Welding (FCAW) & Gas Tungsten Arc Welding (GTAW) (<https://catalog.tmcc.edu/degrees-certificates/welding-flux-cored-arc-welding-and-gas-tungsten-arc-welding-sc/>)
- Welding: Shielded Metal Arc Welding (SMAW) & Gas Metal Arc Welding (GMAW) (<https://catalog.tmcc.edu/degrees-certificates/welding-shielded-metal-arc-welding-and-gas-metal-arc-welding-sc/>)

## Associate of Applied Science

- Manufacturing Technologies, Automation and Robotics (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-automation-and-robotics-aas/>)

## Certificate of Achievement

- Advance Manufacturing and Automation (<https://catalog.tmcc.edu/degrees-certificates/advanced-manufacturing-and-automation-ca/>)

- Fundamentals of Smart Automation (<https://catalog.tmcc.edu/degrees-certificates/fundamentals-of-smart-automation-ca/>)

## Skill Certificate

- Industrial Communications and Data Analytics (<https://catalog.tmcc.edu/degrees-certificates/industrial-communications-and-data-analytics-sc/>)
- Industrial Mechatronics (<https://catalog.tmcc.edu/degrees-certificates/industrial-mechatronics-sc/>)
- Industrial Process and Maintenance Theory (<https://catalog.tmcc.edu/degrees-certificates/industrial-process-and-maintenance-theory-sc/>)
- Industrial Programming and Controls (<https://catalog.tmcc.edu/degrees-certificates/industrial-programming-and-controls-sc/>)

## Associate of Applied Science

- Air Conditioning Technology (<https://catalog.tmcc.edu/degrees-certificates/air-conditioning-technology-aas/>)

## Certificates of Achievement

- Air Conditioning Technology (<https://catalog.tmcc.edu/degrees-certificates/air-conditioning-technology-ca/>)
- Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R) (<https://catalog.tmcc.edu/degrees-certificates/heating-ventilation-air-conditioning-refrigeration-ca/>)

## Skills Certificate

- Air Conditioning Technology (<https://catalog.tmcc.edu/degrees-certificates/air-conditioning-technology-sc/>)
- Commercial Refrigeration (<https://catalog.tmcc.edu/degrees-certificates/commercial-refrigeration-sc/>)
- Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) (<https://catalog.tmcc.edu/degrees-certificates/heating-ventilation-air-conditioning-refrigeration-sc/>)

## Associate of Applied Science

- Apprenticeship (<https://catalog.tmcc.edu/degrees-certificates/apprenticeship-aas/>)

## Certificates of Achievement

- Apprenticeship (<https://catalog.tmcc.edu/degrees-certificates/apprenticeship-ca/>)

## Skills Certificate

- Apprenticeship (<https://catalog.tmcc.edu/degrees-certificates/apprenticeship-sc/>)

## Bachelor of Architecture

- Architecture (<https://catalog.tmcc.edu/degrees-certificates/barch/>)

## Associate of Applied Science

- Architecture and Construction, Architecture and Residential Design (<https://catalog.tmcc.edu/degrees-certificates/architecture-and-residential-design-architecture-and-construction-aas/>)

- Architecture and Construction, Landscape Architecture (<https://catalog.tmcc.edu/degrees-certificates/landscape-architecture-architecture-and-construction-aas/>)

## Certificate of Achievement

- Architectural Drafting (<https://catalog.tmcc.edu/degrees-certificates/architectural-drafting-ca/>)

## Skills Certificate

- Revit Architectural Drafting (<https://catalog.tmcc.edu/degrees-certificates/revit-architectural-drafting-sc/>)

## Associate of Applied Science

- Transportation Technologies, Automotive Certified Technician (<https://catalog.tmcc.edu/degrees-certificates/transportation-technologies-automotive-certified-technician-aas/>)

## Certificate of Achievement

- Automotive ASE Technician (<https://catalog.tmcc.edu/degrees-certificates/automotive-ase-technician-ca/>)
- Automotive General Service Technician (<https://catalog.tmcc.edu/degrees-certificates/automotive-general-service-technician-ca/>)

## Skills Certificate

- Automotive Service Excellence (ASE), Basic (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-basic-sc/>)
- Automotive Service Excellence (ASE), General (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-general-service-sc/>)
- Automotive Service Excellence (ASE), Master (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-master-sc/>)

## Associate of Applied Science

- Architecture and Construction, Construction Management (<https://catalog.tmcc.edu/degrees-certificates/construction-management-architecture-and-construction-aas/>)

## Skills Certificate

- Construction Estimating (<https://catalog.tmcc.edu/degrees-certificates/construction-estimating-sc/>)
- Construction Project Management (<https://catalog.tmcc.edu/degrees-certificates/construction-project-management-sc/>)

## Associate of Applied Science

- Transportation Technologies, Diesel Technician (<https://catalog.tmcc.edu/degrees-certificates/transportation-technologies-diesel-technician-aas/>)
- Transportation Technologies, Heavy Equipment Technician (<https://catalog.tmcc.edu/degrees-certificates/transportation-technologies-heavy-equipment-technician-aas/>)

## Certificate of Achievement

- Diesel ASE Technician (<https://catalog.tmcc.edu/degrees-certificates/diesel-ase-technician-ca/>)
- Diesel General Service Technician (<https://catalog.tmcc.edu/degrees-certificates/diesel-general-service-technician-ca/>)
- LMH Diesel Fleet Maintenance Technician (<https://catalog.tmcc.edu/degrees-certificates/lmh-diesel-fleet-maintenance-technician-ca/>)
- Heavy Equipment Maintenance Technician (<https://catalog.tmcc.edu/degrees-certificates/heavy-equipment-maintenance-technician-ca/>)

## Skill Certificate

- Automotive Service Excellence (ASE)-Diesel Equipment Technician: Heavy Equipment Electrical (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-equipment-technician-heavy-equipment-electrical-sc/>)
- Automotive Service Excellence (ASE)-Diesel Equipment Technician: Heavy Equipment Hydraulics (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-equipment-technician-heavy-equipment-hydraulics-sc/>)
- Automotive Service Excellence (ASE)-Diesel Technician: Basic (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-technician-basic-sc/>)
- Automotive Service Excellence (ASE)-Diesel Technician: Electrical (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-technician-electrical-sc/>)
- Automotive Service Excellence (ASE)-Diesel Technician: Heavy Duty (HD) Diesel Engines (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-technician-heavy-duty-diesel-engines-sc/>)
- Automotive Service Excellence (ASE)-Diesel Technician: Heavy Duty Power Trains (<https://catalog.tmcc.edu/degrees-certificates/automotive-service-excellence-diesel-technician-heavy-duty-power-trains-sc/>)
- Light Duty Diesel Engines (<https://catalog.tmcc.edu/degrees-certificates/light-duty-diesel-engines-sc/>)

## Associate of Applied Science

- Manufacturing Technologies, Machining (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-machining-aas/>)

## Certificate of Achievement

- Computer Numeric Controlled (CNC) Machining (<https://catalog.tmcc.edu/degrees-certificates/computer-numeric-controlled-machining-ca/>)

## Skills Certificate

- Machining Level 1, CNC Milling (<https://catalog.tmcc.edu/degrees-certificates/machining-level-1-cnc-milling-sc/>)
- Machining Level 1, CNC Turning (<https://catalog.tmcc.edu/degrees-certificates/machining-level-1-cnc-turning-sc/>)

## Associate of Applied Science

- Manufacturing Technologies, Welding (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-welding-aas/>)

## Certificate of Achievement

- Manufacturing Technologies Welding CNC (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-welding-cnc-ca/>)
- Welding Technology (<https://catalog.tmcc.edu/degrees-certificates/welding-technology-ca/>)

## Skills Certificate

- Manufacturing Technologies Welding CNC (<https://catalog.tmcc.edu/degrees-certificates/manufacturing-technologies-welding-cnc-sc/>)
- Welding, Flux-Cored Arc Welding (FCAW) & Gas Tungsten Arch Welding (GTAW) (<https://catalog.tmcc.edu/degrees-certificates/welding-flux-cored-arc-welding-and-gas-tungsten-arc-welding-sc/>)
- Welding, Shielded Metal Arc Welding (SMAW) & Gas Metal Arc Welding (GMAW) (<https://catalog.tmcc.edu/degrees-certificates/welding-shielded-metal-arc-welding-and-gas-metal-arc-welding-sc/>)