

# CAREER PATHWAYS • AUTOMOTIVE

## AUTOMOTIVE TECHNICIAN

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- IT 140 Industrial Safety (1 Cr.)
- AUTO 101 Intro to Automotive Technology (4 Cr.)
- AUTO 125 Electrical/Electronics I (4 Cr.)

### CAREER PATHWAY CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 17 Credits)

##### CLASSES:

- AUTO 101 Intro to Automotive Technology (4 Cr.)
- AUTO 108 Engine Fundamentals and Repair (4 Cr.)
- AUTO 125 Electrical/Electronics I (4 Cr.)
- AUTO 130 Brake Systems I (4 Cr.) **or**  
AUTO 229 Engine Diagnosis & Service (4 Cr.)
- IT 140 Industrial Safety (1 Cr.)

### CAREERS

- Helper: Installation, Maintenance, and Repair Workers
- Service Station Attendant

### CAREERS

- Entry Level Automotive Service Technician
- Entry Level Automotive Mechanic
- Parts Salesperson
- Service Station Attendant
- Tire Repairer and Changer

### ONE YEAR CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 45 Credits)

### CAREERS

- Automotive Service Technician
- Automotive Mechanic
- Recreational Vehicle Service Technician
- Electronic Equipment Installer and Repairer, Motor Vehicles
- Electrical and Electronics Installer and Repairer, Transportation Equipment

### AAS

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 24 months (minimum 92 Credits)

##### CLASSES:

During the second year, the HVAC class students will have the opportunity to take the EPA test to become certified to work on mobile air conditioning systems.

With the addition of two years minimum field experience and successful completion of the ASE exam, trainee may become a certified ASE Automotive Technician in his or her field of training. [www.asecert.org](http://www.asecert.org)

### ADDITIONAL AAS DEGREE OPTIONS

#### BUSINESS MANAGEMENT

##### LENGTH OF TRAINING:

**Depends on coursework** completed for AAS Automotive Technician.

### CAREERS

- Transportation Supervisor/Manager
- Service Department Manager

# CAREER PATHWAYS • AUTOMOTIVE

## AUTOMOTIVE TECHNICIAN - CHASSIS/SUSPENSION

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- IT 140 Industrial Safety (1 Cr.)
- AUTO 101 Intro to Automotive Technology (4 Cr.)
- AUTO 125 Electrical/Electronics I (4 Cr.)

### CAREER PATHWAY CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 12 Credits)

##### CLASSES:

- AUTO 120 Steering & Suspension I (4 Cr.)
- AUTO 130 Brakes (4 Cr.)
- AUTO 210 Advanced Steering & Suspension (4 Cr.)

### CAREERS

- Helper: Installation, Maintenance, and Repair Workers
- Service Station Attendant

### CAREERS

- Entry Level Automotive Service Technician
- Entry Level Automotive Mechanic
- Parts Salesperson
- Service Station Attendant
- Tire Repairer and Changer

### ONE YEAR CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 45 Credits)

### CAREERS

- Automotive Service Technician
- Automotive Mechanic
- Recreational Vehicle Service Technician
- Electronic Equipment Installer and Repairer, Motor Vehicles
- Electrical and Electronics Installer and Repairer, Transportation Equipment

With the addition of two years minimum field experience and successful completion of the ASE exam, trainee may become a certified ASE Automotive Technician in his or her field of training. [www.asecert.org](http://www.asecert.org)

### AAS

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 24 months (minimum 92 Credits)

##### CLASSES:

During the second year, the HVAC class students will have the opportunity to take the EPA test to become certified to work on mobile air conditioning systems.

### CAREERS

- Transportation Supervisor/Manager
- Service Department Manager

### ADDITIONAL AAS DEGREE OPTIONS

#### BUSINESS MANAGEMENT

##### LENGTH OF TRAINING:

Depends on coursework completed for AAS Automotive Technician.

# CAREER PATHWAYS • AUTOMOTIVE

## AUTOMOTIVE TECHNICIAN - DRIVABILITY BASICS

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- IT 140 Industrial Safety (1 Cr.)
- AUTO 101 Intro to Automotive Technology (4 Cr.)
- AUTO 125 Electrical/Electronics I (4 Cr.)

### CAREER PATHWAY CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 16 Credits)

##### CLASSES:

- AUTO 108 Engine Fundamentals (4 Cr.)
- AUTO 125 Electrical 1 (4 Cr.)
- AUTO 224 Engine Performance 1 (4 Cr.)
- AUTO 234 Engine Performance II (4 Cr.)

### CAREERS

- Helper: Installation, Maintenance, and Repair Workers
- Service Station Attendant

### CAREERS

- Entry Level Automotive Service Technician
- Entry Level Automotive Mechanic
- Parts Salesperson
- Service Station Attendant
- Tire Repairer and Changer

### ONE YEAR CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 45 Credits)

### CAREERS

- Automotive Service Technician
- Automotive Mechanic
- Recreational Vehicle Service Technician
- Electronic Equipment Installer and Repairer, Motor Vehicles
- Electrical and Electronics Installer and Repairer, Transportation Equipment

### AAS

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 24 months (minimum 92 Credits)

##### CLASSES:

During the second year, the HVAC class students will have the opportunity to take the EPA test to become certified to work on mobile air conditioning systems.

With the addition of two years minimum field experience and successful completion of the ASE exam, trainee may become a certified ASE Automotive Technician in his or her field of training. [www.asecert.org](http://www.asecert.org)

### CAREERS

- Transportation Supervisor/Manager
- Service Department Manager

### ADDITIONAL AAS DEGREE OPTIONS

#### BUSINESS MANAGEMENT

##### LENGTH OF TRAINING:

Depends on coursework completed for AAS Automotive Technician.

# CAREER PATHWAYS • AUTOMOTIVE

## AUTOMOTIVE TECHNICIAN - ELECTRICAL/ELECTRONICS

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- IT 140 Industrial Safety (1 Cr.)
- AUTO 101 Intro to Automotive Technology (4 Cr.)
- AUTO 125 Electrical/Electronics I (4 Cr.)

### CAREER PATHWAY CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 12 Credits)

##### CLASSES:

- AUTO 125 Electrical 1 (4 Cr.)
- AUTO 135 Electrical 11 (4 Cr.)
- AUTO 230 Automotive HVAC (4 Cr.)

### CAREERS

- Helper: Installation, Maintenance, and Repair Workers
- Service Station Attendant

### CAREERS

- Entry Level Automotive Service Technician
- Entry Level Automotive Mechanic
- Parts Salesperson
- Service Station Attendant
- Tire Repairer and Changer

### ONE YEAR CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 45 Credits)

### CAREERS

- Automotive Service Technician
- Automotive Mechanic
- Recreational Vehicle Service Technician
- Electronic Equipment Installer and Repairer, Motor Vehicles
- Electrical and Electronics Installer and Repairer, Transportation Equipment

### AAS

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 24 months (minimum 92 Credits)

##### CLASSES:

During the second year, the HVAC class students will have the opportunity to take the EPA test to become certified to work on mobile air conditioning systems.

With the addition of two years minimum field experience and successful completion of the ASE exam, trainee may become a certified ASE Automotive Technician in his or her field of training. [www.asecert.org](http://www.asecert.org)

### ADDITIONAL AAS DEGREE OPTIONS

#### BUSINESS MANAGEMENT

##### LENGTH OF TRAINING:

**Depends on coursework** completed for AAS Automotive Technician.

### CAREERS

- Transportation Supervisor/Manager
- Service Department Manager

# CAREER PATHWAYS • AUTOMOTIVE

## AUTOMOTIVE TECHNICIAN - POWERTRAIN BASICS

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- IT 140 Industrial Safety (1 Cr.)
- AUTO 101 Intro to Automotive Technology (4 Cr.)
- AUTO 125 Electrical/Electronics I (4 Cr.)

### CAREER PATHWAY CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 12 Credits)

##### CLASSES:

- AUTO 108 Engine Fundamentals (4 Cr.)
- AUTO 209 Fluid Drives & Hydraulic Transmissions (4 Cr.)
- AUTO 229 Engine Diagnosis & Service (4 Cr.)

### CAREERS

- Helper: Installation, Maintenance, and Repair Workers
- Service Station Attendant

### CAREERS

- Entry Level Automotive Service Technician
- Entry Level Automotive Mechanic
- Parts Salesperson
- Service Station Attendant
- Tire Repairer and Changer

### ONE YEAR CERTIFICATE

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 45 Credits)

### CAREERS

- Automotive Service Technician
- Automotive Mechanic
- Recreational Vehicle Service Technician
- Electronic Equipment Installer and Repairer, Motor Vehicles
- Electrical and Electronics Installer and Repairer, Transportation Equipment

### AAS

#### AUTOMOTIVE TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 24 months (minimum 92 Credits)

##### CLASSES:

During the second year, the HVAC class students will have the opportunity to take the EPA test to become certified to work on mobile air conditioning systems.

With the addition of two years minimum field experience and successful completion of the ASE exam, trainee may become a certified ASE Automotive Technician in his or her field of training. [www.asecert.org](http://www.asecert.org)

### CAREERS

- Transportation Supervisor/Manager
- Service Department Manager

### ADDITIONAL AAS DEGREE OPTIONS

#### BUSINESS MANAGEMENT

##### LENGTH OF TRAINING:

Depends on coursework completed for AAS Automotive Technician.

# CAREER PATHWAYS • BUSINESS

## ENTRY-LEVEL ACCOUNTING CLERK (PENDING STATE APPROVAL)

### STARTING OPTIONS

- General Education Diploma
- Adult Basic Education Courses
- High School Diploma
- College Now

### COLLEGE NOW / HIGH SCHOOL ARTICULATION

- BA131 Accounting Procedures I (3 Cr.)
- BA132 Accounting Procedures II (3 Cr.)

### CAREER PATHWAY CERTIFICATE

#### ENTRY-LEVEL ACCOUNTING CLERK

#### LENGTH OF TRAINING:

Approximately 9 months (11+ Credits)

#### CLASSES:

- BA 131 Accounting Procedures I (3 Cr.)
- BA 132 Accounting Procedures II (3 Cr.)
- BA 218 Personal Finance (2 Cr.)
- BA 228 Automated Accounting (3 Cr.) **or**  
CSL 107 Spreadsheets (3 Cr.) **or**  
CS 131 Intro to Computer Information Systems (4 Cr.) **or**  
MIC 145 Introduction to Integrated Software (3 Cr.)

### POSSIBLE CAREER OPTIONS INCLUDE

- Bookkeeping/Accounting/Auditing Clerk
- Billing/Posting Clerk
- Bill/Account Collector
- Receptionist/Information Clerk
- Office Clerk
- Office/Administrative Support Worker
- Human Resource Assistant
- Court, Municipal or License Clerk
- Customer Service Representative

### ONE YEAR CERTIFICATE

#### BUSINESS PROFESSIONAL

#### LENGTH OF TRAINING:

Approximately 12 months (46+ Credits)

### ADDITIONAL CAREER OPTIONS

- Administrative Assistant
- Medical Secretary

### ADDITIONAL DEGREE OPTIONS

- **AAS DEGREE - BUSINESS MANAGEMENT**
- **AAS DEGREE - ACCOUNTING TECHNICIAN**

#### LENGTH OF TRAINING:

Approximately 24+ months (90+ Credits)

### ADDITIONAL CAREER OPTIONS

- Supervisor/Manager of Office & Administrative Support Workers
- Executive Secretary

### ARTICULATED BACHELOR DEGREE OPTIONS

There are no current articulation agreements to Bachelor Degree programs at this time.

### RELATED BACHELOR DEGREE OPTIONS

There are opportunities for educational advancement. Some credits may transfer.

- OSU (Oregon State University) Transfer Course Search (CCC courses that transfer to OSU)
- Map of Post-Secondary schools in Oregon

# CAREER PATHWAYS • BUSINESS

## ACCOUNTING FOR BUSINESS MANAGEMENT

(PENDING STATE APPROVAL)

### STARTING OPTIONS

- General Education Diploma
- Adult Basic Education Courses
- High School Diploma
- College Now

### CAREER PATHWAY CERTIFICATE

#### ACCOUNTING FOR BUSINESS MANAGEMENT

##### LENGTH OF TRAINING:

Approximately 9 months (15+ Credits)

##### CLASSES:

- BA 131 Accounting Procedures I (3 Cr.)
- BA 132 Accounting Procedures II (3 Cr.)
- BA 177 Payroll and Business Tax Accounting (3 Cr.)
- BA 228 Automated Accounting (3 Cr.)

### POSSIBLE CAREER OPTIONS INCLUDE

- Bookkeeping/Accounting/Auditing Clerk
- Billing/Posting Clerk
- Bill/Account Collector
- Receptionist/Information Clerk
- Office Clerk
- Office Support Worker
- Administrative Assistant
- Medical Secretary

### ONE YEAR CERTIFICATE

#### BUSINESS PROFESSIONAL

##### LENGTH OF TRAINING:

Approximately 12 months (46+ Credits)

### ADDITIONAL CAREER OPTIONS

- Supervisor/Manager of Office & Administrative Support Workers
- Executive Secretary

### ADDITIONAL DEGREE OPTIONS

- AAS DEGREE - BUSINESS MANAGEMENT
- AAS DEGREE - ACCOUNTING TECHNICIAN

##### LENGTH OF TRAINING:

Approximately 24+ months (90+ Credits)

### ARTICULATED BACHELOR DEGREE OPTIONS

There are no current articulation agreements to Bachelor Degree programs at this time.

### RELATED BACHELOR DEGREE OPTIONS

There are opportunities for educational advancement. Some credits may transfer.

- OSU (Oregon State University) Transfer Course Search (CCC courses that transfer to OSU)
- Map of Post-Secondary schools in Oregon

For additional information about Clatsop Community College's Career Pathways Programs and a link to State of Oregon Employment Department's Occupation Profile Reports visit our website:

[www.clatsopcc.edu/careerpathways](http://www.clatsopcc.edu/careerpathways)

# CAREER PATHWAYS • BUSINESS

## BUSINESS MARKETING (PENDING STATE APPROVAL)

### STARTING OPTIONS

- General Education Diploma
- Adult Basic Education Courses
- High School Diploma
- College Now

### COLLEGE NOW / HIGH SCHOOL ARTICULATION

- BA 101 Introduction to Business (3 Cr.)
- BA 218 Personal Finance (2 Cr.)
- BA 223 Marketing (3 Cr.)
- CSL 107 Spreadsheets (3Cr.)
- MIC 145 Introduction to Integrated Software (3 Cr.)

### CAREER PATHWAY CERTIFICATE

#### BUSINESS MARKETING

#### LENGTH OF TRAINING:

Approximately 9 months (12+ Credits)

#### CLASSES:

- BA 101 Introduction to Business (4 Cr.)
- BA 218 Personal Finance (2 Cr.)
- BA 223 Marketing (3 Cr.)
- CSL 107 Spreadsheets (3 Cr.) **or**  
CS 131 Intro to Computer Information Systems (4 Cr.) **or**  
MIC 145 Introduction to Integrated Software (3 Cr.)

### POSSIBLE CAREER OPTIONS INCLUDE

- Correspondence Clerk
- Office Clerk
- Office Machine Operator
- Receptionist/Information Clerk
- Office/Administrative Support Worker
- Human Resource Assistant
- Court, Municipal or License Clerk
- Customer Service Representative

### ONE YEAR CERTIFICATE

#### BUSINESS PROFESSIONAL

#### LENGTH OF TRAINING:

Approximately 12 months (46+ Credits)

### ADDITIONAL CAREER OPTIONS

- Bookkeeping/Accounting/Auditing Clerk
- Billing/Posting Clerk
- Bill/Account Collector
- Administrative Assistant
- Medical Secretary

### ADDITIONAL DEGREE OPTIONS

- **AAS DEGREE - BUSINESS MANAGEMENT**
- **AAS DEGREE - ACCOUNTING TECHNICIAN**

#### LENGTH OF TRAINING:

Approximately 24+ months (90+ Credits)

### ADDITIONAL CAREERS

- Supervisor/Manager of Office & Administrative Support Workers
- Executive Secretary

### ARTICULATED BACHELOR DEGREE OPTIONS

There are no current articulation agreements to Bachelor Degree programs at this time.

### RELATED BACHELOR DEGREE OPTIONS

There are opportunities for educational advancement. Some credits may transfer.

- OSU (Oregon State University) Transfer Course Search (CCC courses that transfer to OSU)
- Map of Post-Secondary schools in Oregon



# CAREER PATHWAYS • BUSINESS

## BUSINESS PROFESSIONAL (PENDING STATE APPROVAL)

### STARTING OPTIONS

- General Education Diploma
- Adult Basic Education Courses
- High School Diploma
- College Now

### COLLEGE NOW / HIGH SCHOOL ARTICULATION

- CSL107 Spreadsheets (3 Cr.)
- BA 218 Personal Finance (2 Cr.)
- BA 223 Principles of Marketing (3 Cr.)

### CAREER PATHWAY CERTIFICATE

#### BUSINESS PROFESSIONAL

#### LENGTH OF TRAINING:

Approximately 9 months (15+ Credits)

#### CLASSES:

- BA 101 Introduction to Business (4 Cr.)
- BA 218 Personal Finance (2 Cr.)
- BA 223 Principles Of Marketing (3 Cr.)
- CSL107 Spreadsheets (3 Cr.)
- BA 206 Management Fundamentals (3 Cr.) **or**  
BA 224 Human Resource Management (3 Cr.) **or**  
BA 250 Small Business Management (3 Cr.)

### POSSIBLE CAREER OPTIONS INCLUDE

- Office Clerk
- Executive Secretary
- Administrative Assistant
- Medical Secretary
- Receptionist/Information Clerk
- Information Clerk
- Office Support Worker
- Administrative Support Worker
- Human Resources Assistant
- Court, Municipal or License Clerk
- Customer Service Representative

### ONE YEAR CERTIFICATE

#### BUSINESS PROFESSIONAL

#### LENGTH OF TRAINING:

Approximately 12 months (46+ Credits)

### ADDITIONAL DEGREE OPTIONS

- AAS DEGREE - BUSINESS MANAGEMENT
- AAS DEGREE - ACCOUNTING TECHNICIAN

#### LENGTH OF TRAINING:

Approximately 24+ months (90+ Credits)

### ADDITIONAL CAREER OPTIONS

- Supervisor/Manager of Office & Administrative Support Workers
- Legal Secretary

### ARTICULATED BACHELOR DEGREE OPTIONS

Clatsop Community College (CCC) and Eastern Oregon University (EOU) offer a joint program that permits students to earn an Associate of Science-Oregon Transfer (ASOT) degree from CCC and a Bachelor of Business Administration degree from EOU while remaining on the CCC campus.

### RELATED BACHELOR DEGREE OPTIONS

There are opportunities for educational advancement. Some credits may transfer.

- OSU (Oregon State University) Transfer Course Search (CCC courses that transfer to OSU)
- Map of Post-Secondary schools in Oregon

# CAREER PATHWAYS • BUSINESS

## ENTREPRENEURSHIP (PENDING STATE APPROVAL)

### STARTING OPTIONS

- General Education Diploma
- Adult Basic Education Courses
- High School Diploma
- College Now

### COLLEGE NOW / HIGH SCHOOL ARTICULATION

- CSL107 Spreadsheets (3 Cr.)
- BA 218 Personal Finance (2 Cr.)
- BA 223 Principles of Marketing (3 Cr.)

### CAREER PATHWAY CERTIFICATE

#### ENTREPRENEURSHIP

#### LENGTH OF TRAINING:

Approximately 12 months (22+ Credits)

#### CLASSES:

- BA 101 Intro to Business (4 Cr.)
- BA 131 Accounting Procedures (3 Cr.)
- BA 223 Principles of Marketing (3 Cr.)
- BA 228 Automated Accounting (3 Cr.)
- BA 250 Small Business Management (3 Cr.)
- CSL 107 Spreadsheets (3 Cr.) **or**
- CS 131 Intro to Computer Information Systems (4 Cr.) **or**
- MIC 145 Introduction to Integrated Applications (3 Cr.)

### POSSIBLE CAREER OPTIONS INCLUDE

- Receptionist/Information Clerk
- Office/Administrative Support Worker
- Human Resource Assistant
- Court, Municipal or License Clerk
- Customer Service Representative
- Administrative Assistant
- Medical Secretary
- Executive Secretary

#### Other Possible Career Opportunities:

- Self-Employed, Small Business Owner

Continued education provides opportunities to enhance business skills for self-employment. Contact Clatsop Economic Development Resources (CEDR) for business-driven economic development services to Create, Grow and Retain Clatsop County Businesses.

### ONE YEAR CERTIFICATE

#### BUSINESS PROFESSIONAL

#### LENGTH OF TRAINING:

Approximately 12 months (46+ Credits)

### ADDITIONAL CAREER OPTIONS

- Bookkeeping/Accounting/Auditing Clerk
- Billing/Posting Clerk
- Bill/Account Collector

### ADDITIONAL DEGREE OPTIONS

- **AAS DEGREE - BUSINESS MANAGEMENT**
- **AAS DEGREE - ACCOUNTING TECHNICIAN**

#### LENGTH OF TRAINING:

Approximately 24+ months (90+ Credits)

### ADDITIONAL CAREERS

- Supervisor/Manager of Office & Administrative Support Workers

### ARTICULATED BACHELOR DEGREE OPTIONS

Clatsop Community College (CCC) and Eastern Oregon University (EOU) offer a joint program that permits students to earn an Associate of Science-Oregon Transfer (ASOT) degree from CCC and a Bachelor of Business Administration degree from EOU while remaining on the CCC campus.

### RELATED BACHELOR DEGREE OPTIONS

There are opportunities for educational advancement. Some credits may transfer.

- OSU (Oregon State University) Transfer Course Search (CCC courses that transfer to OSU)
- Map of Post-Secondary schools in Oregon

# CAREER PATHWAYS • CRIMINAL JUSTICE

## CRIMINAL JUSTICE

### STARTING OPTIONS

- General Education Diploma
- Adult Basic Education Courses
- High School Diploma
- College Now

### CAREER PATHWAY CERTIFICATE

#### CRIMINAL JUSTICE

#### LENGTH OF TRAINING:

Approximately 3 - 9 months (minimum 15 Credits)

#### CLASSES:

- CJ 110 Introduction to Law Enforcement (3 Cr.)
- CJ 111 Introduction to Criminal Justice (3 Cr.)
- CJ 120 Introduction to Judicial Process (3 Cr.)
- CJ 121 Concepts of Criminal Law (3 Cr.)
- CJ 130 Introduction to Corrections (3 Cr.)

### CAREERS

- Animal Control - Entry Level
- Claims Investigator
- Correctional Officer
- Court Clerk
- Gaming Surveillance/Investigation
- Dispatcher
- Fish & Game Warden
- HomeLand Security
- Loss Prevention Specialist
- Parking Enforcement
- Parole Officer
- Police Officer
- Private Detective/Investigator
- Private Security
- Probation Officer
- Protective Service Worker
- Reserve Police Officer
- Security Guard

Additional education and experience can enhance career placement and advancement opportunities.

### ADDITIONAL DEGREE OPTIONS

#### AAS DEGREE - CRIMINAL JUSTICE

#### LENGTH OF TRAINING:

Approximately 24 months or more (minimum 90 Credits)

### RELATED BACHELOR DEGREE OPTIONS

There are opportunities for educational advancement. **Some credits may transfer.**

#### GENERAL TRANSFER INFORMATION:

- CCC's OUS Transfer Lists A & B
- Oregon University System
- Career Options
- Map of Post Secondary Institutions in Oregon

### ARTICULATED BACHELOR DEGREE TRANSFER OPTIONS

There are no current articulation agreements to Bachelor degree programs at this time.

For additional information about Clatsop Community College's Career Pathways Programs and a link to State of Oregon Employment Department's Occupation Profile Reports visit our website:

[www.clatsopcc.edu/careerpathways](http://www.clatsopcc.edu/careerpathways)

# CAREER PATHWAYS • CRIMINAL JUSTICE

## CRIMINAL JUSTICE - PROFESSIONAL SKILLS

### STARTING OPTIONS

- General Education Diploma
- High School Diploma
- Adult Basic Education Courses
- College Now

### CAREER PATHWAY CERTIFICATE

#### CRIMINAL JUSTICE - PROFESSIONAL SKILLS

##### LENGTH OF TRAINING:

Approximately 3 - 9 months (minimum 15 Credits)

##### CLASSES:

- CJ 203 Crisis Intervention (3 Cr.)
- CJ 210 Criminal Investigation (3 Cr.)
- CJ 218 Interview & Interrogation Techniques (3 Cr.)

##### CHOOSE ONE OF THE CLASSES LISTED BELOW

- CJ 215 Issues in Criminal Justice Supervision and Administration (3 Cr.)
- CJ 219 Introduction to Community Policing (3 Cr.)
- CJ 225 Corrections Law (3 Cr.)
- CJ 231 Juvenile Law (3 Cr.) or
- CJ 232 Introductions of Corrections Casework (3 Cr.)

### CAREERS

- Animal Control - Entry Level
- Claims Investigator
- Correctional Officer
- Court Clerk
- Gaming Surveillance/Investigation
- Dispatcher
- Fish & Game Warden
- HomeLand Security
- Transportation Security Aide
- Loss Prevention Specialist
- Parole Officer
- Police Officer
- Private Detective/Investigator
- Private Security
- Probation Officer
- Protective Service Worker
- Reserve Police Officer
- Security Guard
- Port Security Officer
- Oregon Youth Authority Group Life Coordinator
- Oregon Youth Authority Parole Officer
- Residential Program Aide
- Child Support Specialist

Additional education and experience can enhance career placement and advancement opportunities.

### ADDITIONAL DEGREE OPTIONS

#### AAS DEGREE - CRIMINAL JUSTICE

##### LENGTH OF TRAINING:

Approximately 24 months or more (minimum 90 Credits)

### ARTICULATED BACHELOR DEGREE TRANSFER OPTIONS

There are no current articulation agreements to Bachelor degree programs at this time.

### RELATED BACHELOR DEGREE OPTIONS

There are opportunities for educational advancement. **Some credits may transfer.**

#### GENERAL TRANSFER INFORMATION:

- CCC's OUS Transfer Lists A & B
- Oregon University System
- Career Options
- Map of Post Secondary Institutions in Oregon

# CAREER PATHWAYS • FIRE SCIENCE

## FIRE SCIENCE

### STARTING OPTIONS

- General Education Diploma
- Adult Basic Education Courses
- High School Diploma
- College Now

### CAREER PATHWAY CERTIFICATE

#### FIRE SCIENCE

##### LENGTH OF TRAINING:

Approximately 6 months (minimum 21 Credits)

##### CLASSES:

- EMT 151 EMT Part 1 (6 Cr.)
- EMT 152 EMT Part 2 (6 Cr.)
- FRP 110 Firefighter Skills I (1 Cr.)
- FRP 111 Firefighter Skills II (1 Cr.)
- FRP 112 Firefighter Skills III (1 Cr.)
- FRP 113 Firefighter Skills IV (1 Cr.)
- FRP 114 Firefighter Skills V (1 Cr.)
- FRP 115 Firefighter Skills VI (1 Cr.)
- FRP 190 Introduction to Wildland Firefighting (4 Cr.)

### CAREERS

- Firefighter, Entry Level
- Emergency Medical Technician (EMT)

### CAREERS

- Firefighters
- Fire Inspector/Investigator
- Forest Fire Inspector/Prevention Specialist
- Supervisor/Manager of Firefighting and Prevention Workers

Education and experience provide for career advancement.

### CAREERS

- Firefighters
- Emergency Medical Technicians and Paramedics
- Fire Inspector/Investigator
- Forest Fire Inspector/Prevention Specialist
- Supervisor/Manager of Firefighting and Prevention Workers

Education and experience provide for career advancement

### AAS

#### FIRE SCIENCE

##### LENGTH OF TRAINING:

Approximately 22 months (minimum 90 Credits)

### ADDITIONAL DEGREE OPTIONS

#### PARAMEDIC CERTIFICATE

For additional information about Clatsop Community College's Career Pathways Programs and a link to State of Oregon Employment Department's Occupation Profile Reports visit our website:

[www.clatsopcc.edu/careerpathways](http://www.clatsopcc.edu/careerpathways)

# CAREER PATHWAYS • HISTORIC PRESERVATION

## HISTORIC PRESERVATION AND RESTORATION

### STARTING OPTIONS

- General Education Diploma
- Adult Basic Education Courses
- High School Diploma
- College Now

### CAREER PATHWAY CERTIFICATE

#### HISTORIC PRESERVATION AND RESTORATION

##### LENGTH OF TRAINING:

Approximately 3-6 months (minimum 16 Credits)

##### CLASSES:

- BLD 101 Intro to Historic Preservation (1 Cr.) **or**  
BLD 210 Historic Preservation I (3 Cr.)
- BLD 110 Construction Safety for Historic Preservation (1 Cr.)
- BLD 111 Tool Safety for Historic Preservation (1 Cr.)
- BLD 140 Printreading for Construction (3 Cr.)
- DRF 213 Computer Aided Design I (4 Cr.)
- Historic Preservation Workshops (4-6 Cr.)

### CAREERS

- Carpenter's Helper
- Construction Laborer
- Construction Trades Helper
- Carpenter

### ONE YEAR CERTIFICATE

#### HISTORIC PRESERVATION AND RESTORATION

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 47 Credits)

### CAREERS

- Carpenter's Helper
- Construction Laborer
- Construction Trades Helper
- Carpenter

### AAS

#### HISTORIC PRESERVATION AND RESTORATION

##### LENGTH OF TRAINING:

Approximately 21 months or more (minimum 90 Credits)

### CAREERS

- Carpenter
- Supervisor/Manager of Construction Trades
- Construction Manager
- Construction/Building Inspector
- Other possible career opportunities
- Self-employed, Independent Contractor
- Specialty Design Builder
- Preservationist/Documenter of Historic Buildings

# CAREER PATHWAYS • MARITIME

## SEAMANSHIP

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- MAS 181 Seamanship I (2 Cr.)
- MAS 182 Seamanship II (2 Cr.)
- MAS 183 Seamanship III (2 Cr.)

### CAREER PATHWAY CERTIFICATE

#### SEAMANSHIP

##### LENGTH OF TRAINING:

Approximately 3-9 months (minimum 17 Credits)

##### CLASSES:

- MAS 100 Maritime Occupations (2 Cr.)
- MAS 135 STCW Basic Safety Training (3 Cr.)
- MAS 164 Introduction to Navigation (3 Cr.)
- MAS 168 Charts, Aids to Navigation and Marine Compasses (3 Cr.)
- MAS 181 Seamanship I (2 Cr.)
- MAS 182 Seamanship II (2 Cr.)
- MAS 183 Seamanship III (2 Cr.)

### CAREERS

- Ordinary Seaman

### CAREERS

- Wiper
- Able Seaman
- Tankerman
- Oiler or QMED (Qualified Member of the Engineering Department)
- Boatswain
- Designated Duty Engineer
- Deck Officer or Mate
- Assistant Engineer
- Chief Officer or Chief Mate
- Chief Engineer
- Pilot

Education, experience, documented sea time, and proper licensure provide for career advancement.

### ONE YEAR CERTIFICATE

#### SEAMANSHIP

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 46 Credits)

### AAS

#### VESSEL OPERATIONS

##### LENGTH OF TRAINING:

Approximately 24 months or more (minimum 90 Credits)

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# CAREER PATHWAYS • WELDING

## WELDING

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- IT 140 Industrial Safety (1 Cr.)
- WLD 100 Materials Processing (2 Cr.)
- WLD 101 Shielded Metal Arc Welding Process (3 Cr.)
- WLD 102 Gas Metal Arc Welding Process (3 Cr.)
- WLD 103 Flux Core Arc Welding Process (3 Cr.)
- WLD 104 Gas Tungsten Arc Welding Process (3 Cr.)

### CAREER PATHWAY CERTIFICATE

#### WELDING

#### LENGTH OF TRAINING:

Approximately 3–6 months (minimum 15 Credits)

#### CLASSES:

- IT 140 Industrial Safety (1 Cr.)
- WLD 100 Materials Processing (2 Cr.)
- WLD 101 Shielded Metal Arc Welding Process (3 Cr.)
- WLD 102 Gas Metal Arc Welding Process (3 Cr.)
- WLD 103 Flux Core Arc Welding Process (3 Cr.)
- WLD 104 Gas Tungsten Arc Welding Process (3 Cr.)

### RELATED CAREER PATHWAY CERTIFICATES

Six additional Welding Certificates are available.  
See pages 106–111.

### ONE YEAR CERTIFICATE (AWS ENTRY LEVEL WELDING)

#### WELDING

#### LENGTH OF TRAINING:

Approximately 9 months (minimum 48 Credits)

#### CLASSES:

Upon completion, trainee will receive a Certificate of Completion from AWS, qualifying them as a nationally recognized entry-level welder. Trainee is also qualified to test to become a Certified Welder with the American Welding Society (AWS).

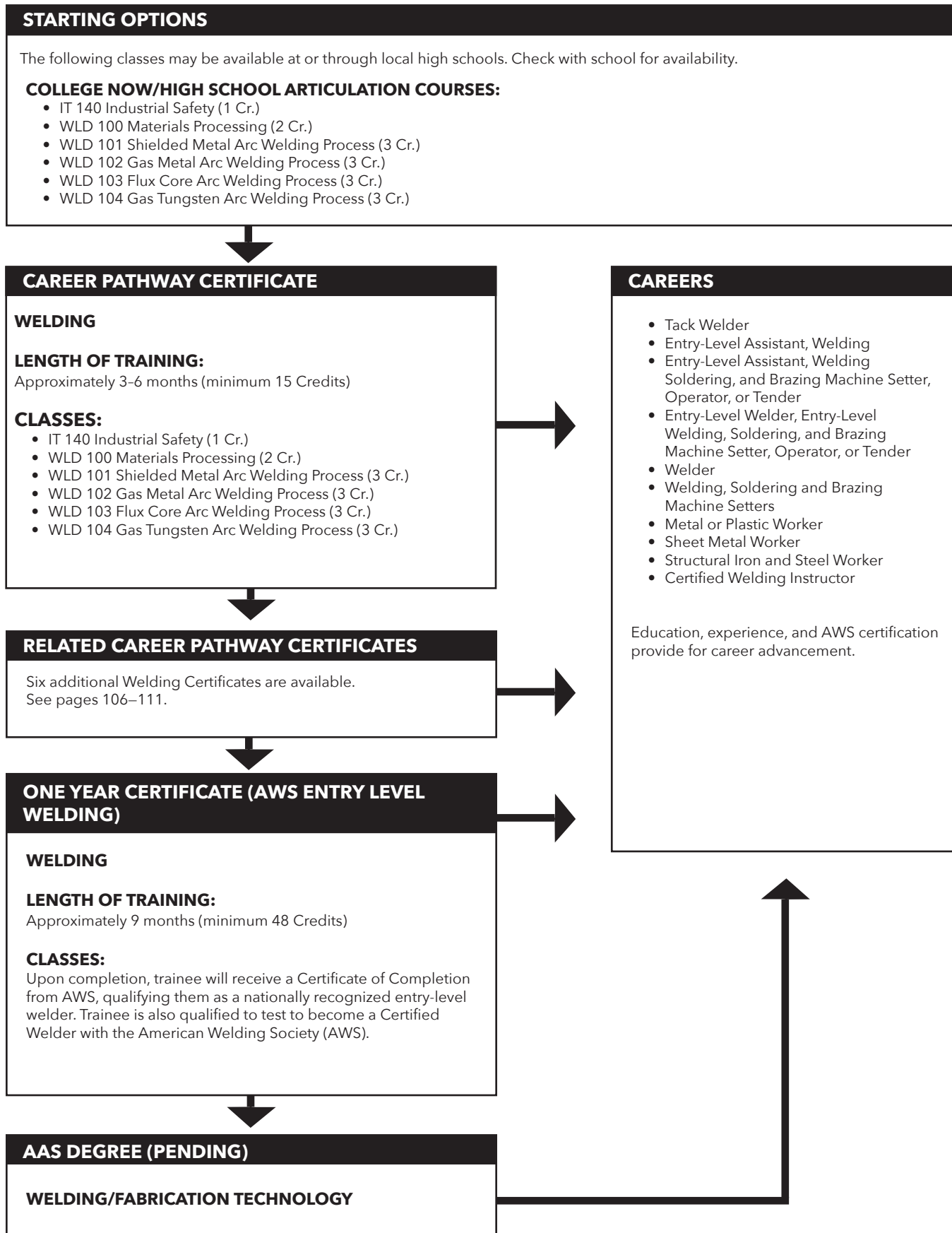
### AAS DEGREE (PENDING)

#### WELDING/FABRICATION TECHNOLOGY

### CAREERS

- Tack Welder
- Entry-Level Assistant, Welding
- Entry-Level Assistant, Welding Soldering, and Brazing Machine Setter, Operator, or Tender
- Entry-Level Welder, Entry-Level Welding, Soldering, and Brazing Machine Setter, Operator, or Tender
- Welder
- Welding, Soldering and Brazing Machine Setters
- Metal or Plastic Worker
- Sheet Metal Worker
- Structural Iron and Steel Worker
- Certified Welding Instructor

Education, experience, and AWS certification provide for career advancement.





# CAREER PATHWAYS • WELDING

## WELDING: FLUX CORE ARC & GAS TUNGSTEN ARC

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- WLD 103 Flux Core Arc Welding Process (6 Cr.)
- WLD 104 Gas Tungsten Arc Welding Process (6 Cr.)

### CAREER PATHWAY CERTIFICATE

#### WELDING: FLUX CORE ARC & GAS TUNGSTEN ARC

#### LENGTH OF TRAINING:

Approximately 3 months (minimum 12 Credits)

#### CLASSES:

- WLD 103 Flux Core Arc Welding Process (6 Cr.)
- WLD 104 Gas Tungsten Arc Welding Process (6 Cr.)

### RELATED CAREER PATHWAY CERTIFICATES

Six additional Welding Certificates are available.  
See pages 106–111.

### ONE YEAR CERTIFICATE (AWS ENTRY LEVEL WELDING)

#### WELDING

#### LENGTH OF TRAINING:

Approximately 9 months (minimum 48 Credits)

#### CLASSES:

Upon completion, trainee will receive a Certificate of Completion from AWS, qualifying them as a nationally recognized entry-level welder. Trainee is also qualified to test to become a Certified Welder with the American Welding Society (AWS).

### AAS DEGREE (PENDING)

#### WELDING / FABRICATION TECHNOLOGY

### CAREERS

- Tack Welder
- Entry-Level Assistant, Welding
- Entry-Level Assistant, Welding Soldering, and Brazing Machine Setter, Operator, or Tender
- Entry-Level Welder, Entry-Level Welding, Soldering, and Brazing Machine Setter, Operator, or Tender
- Welder
- Welding, Soldering and Brazing Machine Setters
- Metal or Plastic Worker
- Sheet Metal Worker
- Structural Iron and Steel Worker
- Certified Welding Instructor

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# CAREER PATHWAYS • WELDING

## WELDING: GAS METAL ARC & FLUX CORE ARC

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- WLD 102 Gas Metal Arc Welding Process (6 Cr.)
- WLD 103 Flux Core Arc Welding Process (6 Cr.)

### CAREER PATHWAY CERTIFICATE

#### WELDING: GAS METAL ARC & FLUX CORE ARC

##### LENGTH OF TRAINING:

Approximately 3-6 months (minimum 12 Credits)

##### CLASSES:

- WLD 102 Gas Metal Arc Welding Process (6 Cr.)
- WLD 103 Flux Core Arc Welding Process (6 Cr.)

### RELATED CAREER PATHWAY CERTIFICATES

Six additional Welding Certificates are available. See pages 106-111.

### ONE YEAR CERTIFICATE (AWS ENTRY LEVEL WELDING)

#### WELDING

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 48 Credits)

##### CLASSES:

Upon completion, trainee will receive a Certificate of Completion from AWS, qualifying them as a nationally recognized entry-level welder. Trainee is also qualified to test to become a Certified Welder with the American Welding Society (AWS).

### AAS DEGREE (PENDING)

#### WELDING / FABRICATION TECHNOLOGY

### CAREERS

- Tack Welder
- Entry-Level Assistant, Welding
- Entry-Level Assistant, Welding Soldering, and Brazing Machine Setter, Operator, or Tender
- Entry-Level Welder, Entry-Level Welding, Soldering, and Brazing Machine Setter, Operator, or Tender
- Welder
- Welding, Soldering and Brazing Machine Setters
- Metal or Plastic Worker
- Sheet Metal Worker
- Structural Iron and Steel Worker
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# CAREER PATHWAYS • WELDING

## WELDING: GAS METAL ARC & GAS TUNGSTEN ARC

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- WLD 102 Gas Metal Arc Welding Process (6 Cr.)
- WLD 104 Gas Tungsten Arc Welding Process (6 Cr.)

### CAREER PATHWAY CERTIFICATE

#### WELDING: GAS METAL ARC & GAS TUNGSTEN ARC

#### LENGTH OF TRAINING:

Approximately 3 months (minimum 12 Credits)

#### CLASSES:

- WLD 102 Gas Metal Arc Welding Process (6 Cr.)
- WLD 104 Gas Tungsten Arc Welding Process (6 Cr.)

### RELATED CAREER PATHWAY CERTIFICATES

Six additional Welding Certificates are available.  
See pages 106–111.

### ONE YEAR CERTIFICATE (AWS ENTRY LEVEL WELDING)

#### WELDING

#### LENGTH OF TRAINING:

Approximately 9 months (minimum 48 Credits)

#### CLASSES:

Upon completion, trainee will receive a Certificate of Completion from AWS, qualifying them as a nationally recognized entry-level welder. Trainee is also qualified to test to become a Certified Welder with the American Welding Society (AWS).

### AAS DEGREE (PENDING)

#### WELDING / FABRICATION TECHNOLOGY

### CAREERS

- Tack Welder
- Entry-Level Assistant, Welding
- Entry-Level Assistant, Welding Soldering, and Brazing Machine Setter, Operator, or Tender
- Entry-Level Welder, Entry-Level Welding, Soldering, and Brazing Machine Setter, Operator, or Tender
- Welder
- Welding, Soldering and Brazing Machine Setters
- Metal or Plastic Worker
- Sheet Metal Worker
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# CAREER PATHWAYS • WELDING

## WELDING: SHIELDED METAL ARC & FLUX CORE ARC

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- WLD 101 Shielded Metal Arc Welding Process (6 Cr.)
- WLD 103 Flux Core Arc Welding Process (6 Cr.)

### CAREER PATHWAY CERTIFICATE

#### WELDING: SHIELDED METAL ARC & FLUX CORE ARC

##### LENGTH OF TRAINING:

Approximately 3-6 months (minimum 12 Credits)

##### CLASSES:

- WLD 101 Shielded Metal Arc Welding Process (6 Cr.)
- WLD 103 Flux Core Arc Welding Process (6 Cr.)

### RELATED CAREER PATHWAY CERTIFICATES

Six additional Welding Certificates are available.  
See pages 106-111.

### ONE YEAR CERTIFICATE (AWS ENTRY LEVEL WELDING)

#### WELDING

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 48 Credits)

##### CLASSES:

Upon completion, trainee will receive a Certificate of Completion from AWS, qualifying them as a nationally recognized entry-level welder. Trainee is also qualified to test to become a Certified Welder with the American Welding Society (AWS).

### AAS DEGREE (PENDING)

#### WELDING / FABRICATION TECHNOLOGY

### CAREERS

- Tack Welder
- Entry-Level Assistant, Welding
- Entry-Level Assistant, Welding Soldering, and Brazing Machine Setter, Operator, or Tender
- Entry-Level Welder, Entry-Level Welding, Soldering, and Brazing Machine Setter, Operator, or Tender
- Welder
- Welding, Soldering and Brazing Machine Setters
- Metal or Plastic Worker
- Sheet Metal Worker
- Structural Iron and Steel Worker
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# CAREER PATHWAYS • WELDING

## WELDING: SHIELDED METAL ARC & GAS METAL ARC

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- WLD 101 Shielded Metal Arc Welding Process (6 Cr.)
- WLD 102 Gas Metal Arc Welding Process (6 Cr.)



### CAREER PATHWAY CERTIFICATE

#### WELDING: FLUX CORE ARC & GAS TUNGSTEN ARC

##### LENGTH OF TRAINING:

Approximately 3 months (minimum 12 Credits)

##### CLASSES:

- WLD 101 Shielded Metal Arc Welding Process (6 Cr.)
- WLD 102 Gas Metal Arc Welding Process (6 Cr.)



### RELATED CAREER PATHWAY CERTIFICATES

Six additional Welding Certificates are available.  
See pages 106–111.



### ONE YEAR CERTIFICATE (AWS ENTRY LEVEL WELDING)

#### WELDING

##### LENGTH OF TRAINING:

Approximately 9 months (minimum 48 Credits)

##### CLASSES:

Upon completion, trainee will receive a Certificate of Completion from AWS, qualifying them as a nationally recognized entry-level welder. Trainee is also qualified to test to become a Certified Welder with the American Welding Society (AWS).



### AAS DEGREE (PENDING)

#### WELDING / FABRICATION TECHNOLOGY



### CAREERS

- Tack Welder
- Entry-Level Assistant, Welding
- Entry-Level Assistant, Welding Soldering, and Brazing Machine Setter, Operator, or Tender
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# CAREER PATHWAYS • WELDING

## WELDING: SHIELDED METAL ARC & GAS TUNGSTEN ARC

### STARTING OPTIONS

The following classes may be available at or through local high schools. Check with school for availability.

#### COLLEGE NOW/HIGH SCHOOL ARTICULATION COURSES:

- WLD 101 Shielded Metal Arc Welding Process (6 Cr.)
- WLD 104 Gas Tungsten Arc Welding Process (6 Cr.)

### CAREER PATHWAY CERTIFICATE

#### WELDING: SHIELDED METAL ARC & FLUX CORE ARC

##### LENGTH OF TRAINING:

Approximately 3-6 months (minimum 12 Credits)

##### CLASSES:

- WLD 101 Shielded Metal Arc Welding Process (6 Cr.)
- WLD 104 Gas Tungsten Arc Welding Process (6 Cr.)

### RELATED CAREER PATHWAY CERTIFICATES

Six additional Welding Certificates are available.  
See pages 106-111.

### ONE YEAR CERTIFICATE (AWS ENTRY LEVEL WELDING)

#### WELDING

##### LENGTH OF TRAINING:

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