

# New Student Advising Information



# ***Welding Technology***

## ***Steps in being registered***

1. Apply for Admissions:
  - a. Go to the Admissions Office at any PCC Campus.
  - b. Or go on line to [www.pcc.edu](http://www.pcc.edu).
2. Arrange your finances:
  - a. Financial aide
  - b. Veteran's benefits
  - c. Scholarships
  - d. Agency or Company Sponsorship
  - e. *Are you eligible for Re-Training Money?*
3. Take the Compass Placement Test at any PCC Campus
4. Complete the on-line PCC New Student Orientation
5. Meet with an Academic Advisor – *get registered for General Education classes!*
6. *Get on Welding's Wait List. To be registered in a welding class the student must have been on the wait list and called in by an instructor.*
7. Arrange your Transportation
8. Pay for Classes
9. Purchase your book(s) and print your packets  
The Welding Department has a curriculum CD and you will need to print your training packets before you attend class.  
*Be sure to print your copies on campus to utilize the printing fee that you paid.*
10. Buy your welding gear, see the attached list
11. Attend the first day of class prepared to work.

## *Welding Course Offerings*

### **PCC Rock Creek Campus – Offering AAS Degree through Upgrading Training**

17705 NW Springville Rd.

Portland, OR 97229

[See Map Quest for directions](#)

<b>Shifts</b>	<b>Times</b>	<b>Days</b>	<b>Instructor(s)</b>
<b>Morning Shift</b>	7 AM to 12 (noon)	Monday - Thursday	Matt Scott Liberty Olson
<b>Mid Day Shift</b>	12 (noon) to 5 PM	Monday - Thursday	Danny Merrick Linc Sprinkle Lauren Cobb
<b>Evening Shift</b>	5 PM to 10 PM	Monday - Thursday	Connie Christopher Lauren Cobb Kevin Longueil
<b>WLD Shop Classes</b>	7 AM to 12 (noon) & 12 (noon) to 8 PM	Fridays	Kirk Ebberts
<b>Sculpture Welding II</b>	12 PM to 8 PM		Scott Judy Kevin Longueil
<b>WLD Shop Classes</b>	8 AM to 1 PM	Saturdays	Lauren Cobb

### **Swan Island Training Center – Offering Less Than One-Year Certificate of Completion through Upgrading Training in SMAW, GMAW, and FCAW.**

5555 N Channel Ave.

Portland, OR 97217

[See Map Quest for directions](#)

**Contact Mike Rasmussen, Welding Instructor at 503 247-1724**

<b>Afternoon Shift</b>	12 (noon) to 5 PM	Monday – Thursday	Mike Rasmussen
<b>Evening Shift</b>	5 PM to 10 PM	Monday - Thursday	Kirk Ebberts and Kane Heidecker

#### **Holidays and In-services**

- See college calendar to determine these dates for the term you are enrolling in.

#### **Special Note**

- PCC Welding Department offers an Open-entry, Open-exit training format to meet your needs. This will allow you to select the days and times you want to attend with in the above shift offerings. You will be expected to complete all your course work in the given term to earn a grade for the course(s) you're enrolled in.
- **Registered students** are expected to attend the first day of class to complete the Orientation and Safety Training component of class.
- **Wait List students** are brought in throughout the term. PCC Welding can accommodate wait list students because of its unique open entry open exit instructional design. Be sure to complete a wait list form and turn it in to the Welding Office at RC BLDG 2/ Room 230. ***If you have any question while you are waiting, call the instructor that is teaching the shift you want (see pcc.edu to get his/her number) This will allow you to talk to the instructor for that shift and get you the most current information.***

## ***EQUIPMENT LIST***

Proper protective equipment and clothing are required to work in the welding shop. Please consult with an instructor to determine what is needed for the course(s) you are enrolled in.

### ***Minimum Required Tool List***

1 lift front type Welding Helmet	Leather gloves
Safety Glasses (with side shields)	Vice Grips
Cotton work clothes (long sleeve shirt)	Tape measure
Work Boots	1 slag hammer
1 Combination square	1 wire brush

### ***Complete Required Tool List For All Degree Students***

1 lift front type Welding Helmet	1 hex key set
#11 Filter Lens	1 soapstone holder w/ soap stone
10 clear plastic cover lenses	1 combination square
1 leather welder's jacket or sleeves	1 24 inch framing square
1 shop cap (hair cover)	1 Calculator
1 pair of safety glasses (with side shields)	4 – 11R Vise Grip Clamps
1 pair leather gloves (gauntlet type)	2 - 4.5” grinders
Enough ear plugs for the full term	6 - 4.5” grinding disks
1 pair of leather boots (above the ankle)	3 - 4.5” wire wheels
1 pair of carhardt bibs or overalls	1 – cold chisel
1 three ring binder	1 – small ball peen hammer
1 16 ft. tape or larger	<b><u>Additional Tools For Each Process</u></b>
1 vise-grips or pliers	<b>Stick Welding (SMAW)</b>
1 leather apron or chaps	1 slag hammer
1 leather neck protector	1 wire brush
1 set of tip cleaners	<b>Wire Welding (GMAW/FCAW)</b>
1 pair of cutting goggles with #4 filter lens	1 wire brush
1 hammer, 2 lb. Blacksmith	1 slag hammer
1 striker	1 Welper Mig pliers or Side Cutters
1 toolbox or 5 gallon bucket with organizer	<b>TIG Welding (GTAW)</b>
1 12” adjustable wrench (crescent wrench)	1 pair tig gloves (gauntlet type)
1 4” c-clamp	1 wire cutters
1 - flashlight	1 stainless steel tooth brush

***Reference the “Yellow Pages” to determine which Welding Supply store is nearest you. Be sure to let them know that you’re a student at PCC and they should give you a 10% discount or better.***

## **Portland Community College - Welding Technology Certificate and Degree Requirement Check List**

<i>Name</i>	<i>Date</i>
<i>Address</i>	<i>PCC G#</i>
	<i>Intake Advisor</i>
<i>Home Phone</i>	<i>Cell Phone</i>

### **First Term**

	<i>Course #</i>	<i>Course Title</i>	<i>Credits</i>	<i>Term/Year</i>	<i>Grade/Instr.</i>
	<i>WLD 111</i>	<i>Shielded Metal Arc Welding (E7024) and Oxy-Acetylene Cutting</i>	<i>4</i>		
	<i>WLD 112</i>	<i>Shielded Metal Arc Welding Mild I (E7018)</i>	<i>4</i>		
	<i>WLD 113</i>	<i>Shielded Metal Arc Welding Mild Steel II (E7018)</i>	<i>4</i>		
<b>***</b>	<i>WLD 101</i>	<i>Welding Principles and Applications</i>	<i>4</i>		

### **Second Term**

	<i>Course #</i>	<i>Course Title</i>	<i>Credits</i>	<i>Term/Year</i>	<i>Grade/Instr.</i>
	<i>WLD 114</i>	<i>Shielded Metal Arc Welding Mild Steel III (E6011)</i>	<i>3</i>		
	<i>WLD 151</i>	<i>SMAW Certification Practice Unlimited Thickness Mild Steel</i>	<i>3</i>		
	<i>WLD 131</i>	<i>Gas Metal Arc Welding</i>	<i>3</i>		
	<i>WLD 132</i>	<i>Gas Metal Arc Welding &amp; Pulse</i>	<i>3</i>		
<b>***</b>	<i>WLD 102</i>	<i>Blue Print Reading for Welders</i>	<i>4</i>		

### **Third Term**

	<i>Course #</i>	<i>Course Title</i>	<i>Credits</i>	<i>Term/Year</i>	<i>Grade/Instr.</i>
	<i>WLD 141</i>	<i>Flux-Cored Arc Welding I (Gas Shielded)</i>	<i>3</i>		
	<i>WLD 142</i>	<i>Flux-cored Arc Welding II (Self Shield)</i>	<i>3</i>		
	<i>WLD 152</i>	<i>Wire Welding Certification</i>	<i>6</i>		
		<i>Gen. Ed. For two year program</i>			
		Minimum Credits for a One-Year	44		

\*\*\* Indicates a lecture class. These courses are offered on an as needed basis, and require 15 students to be enrolled. Hence, it's best to register for them sooner than later.

Congratulations, at this point you're eligible for the ***Less Than One-Year Certificate of Completion***. All that is needed is for you to apply for it! Please see your instructor for details.

## AAS Degree

### *Fourth Term*

	<i>Course #</i>	<i>Course Title</i>	<i>Credits</i>	<i>Term/Year</i>	<i>Grade/Instr.</i>
	WLD 221	<i>Gas Tungsten Arc Welding Mild Steel</i>	3		
	WLD 222	<i>Gas Tungsten Arc Welding Aluminum</i>	3		
	WLD 223	<i>Gas Tungsten Arc Welding Stainless Steel</i>	3		
***	WLD 203	<i>Structural Steel Welding Code &amp; Standards</i>	4		
		<i>Gen. Ed. For two year program</i>			
		Fourth Term Credit Sub Total	12		

### *Fifth Term*

	<i>Course #</i>	<i>Course Title</i>	<i>Credits</i>	<i>Term/Year</i>	<i>Grade/Instr.</i>
	WLD 261	<b><i>Basic Fabrication I</i></b>	6		
	WLD				
	WLD				
	WLD				
		<i>Gen. Ed. For two year program</i>			
		Fifth Term Credit Sub Total	12		

### *Sixth Term*

	<i>Course #</i>	<i>Course Title</i>	<i>Credits</i>	<i>Term/Year</i>	<i>Grade/Instr.</i>
	WLD 263	<b><i>Welding Capstone</i></b>	6		
	WLD				
	WLD				
	WLD				
		<i>Gen. Ed.</i>			
		Sixth Term Credit Sub Total	12		
		Minimum Credits for a Two-Year	<b>81</b>		

\*\*\* Indicates a lecture class. These courses are offered on an as needed basis, and require 15 students to be enrolled. Hence, it's best to register for them sooner than later.

### Two Year Degree Electives

WLD 115	Shielded Metal Arc Welding Mild Steel IV (E6011)	3
WLD 216	Miscellaneous Electrodes & Advanced Positions	3
WLD 224	Gas Tungsten Arc Welding (Mild Steel) Pipe I	3
WLD 225	Gas Tungsten Arc Welding (Mild Steel) Pipe II	3
WLD 253	SMAW Certification Practice 3/8" Mild Steel (E6011)	3
WLD 254	SMAW Certification Practice 3/8" Mild Steel (E7018)	3
WLD 256	Preparation for Pipe Certification I	3
WLD 257	Preparation for Pipe Certification II	3
WLD 263	Capstone	6
WLD 271	Oxy-Acetylene Welding Projects	3
WLD 280A	Cooperative Ed: Welding	4
WLD 280B	Cooperative Ed: Welding - Seminar	1
WLD 290	Submerged Arc Welding	2
WLD 295	Welding Sculpture II	4

#### GENERAL EDUCATION

97 credit hours are required to earn an Associates of Applied Science Degree in Welding Technology. The break down is as follows:

- 69 credits of required Welding classes
- 12 credits of Welding Elective classes
- 16 credits of General Education classes

All students must earn 16 credits of General Education. These credits must come from courses taken in: Arts and Humanities; Social Sciences; or Mathematics, Life and Physical Sciences. The 16 credits must include at least one course from each category and no more than 8 credits from any one category. No more than 2 courses may come from program prerequisites or from courses required by specific programs. *See a PCC Admissions Advisor to ensure you are "heading down the correct path."*

List your courses for the AAS in Welding Technology.

Arts and Letters	Social Sciences	Math, Natural and Physical Sciences and Computer Studies

Congratulations, at this point you are eligible for the **Associates of Applied Science in Welding Technology**. All you need to do is to apply for it! Please see your academic advisor for details.

## *Welding Wait List Form*

<b>Personal Information</b>		Term
Name		
Address		
Home Phone		
Cell Phone		
<b>Desired Class Schedule</b>		
WLD -		
WLD -		
WLD -		
WLD -		
WLD -		
<b>Campus Location</b>		
<b>Rock Creek <i>SELECT ONLY ONE OPTION</i></b>		<b>Swan Island Training Center</b>
Morning - 7AM –12 PM    M T W R		Contact Mike Rasmussen at (503) 247 – 1724 To be placed on the SITC wait list
Mid Day - 12 PM – 5 PM    M T W R		
Evening - 5 PM to 10 PM    M T W R		
Fridays  7 AM to 12 (noon)  or  12 (noon) to 8 PM		
Saturdays  8 AM to 1 PM		
<b>Goal</b>		
Associates of Applied Science	Less Than One-Year Certificate of Completion	
Welding Certifications	Hobby	

Wait list form complete by: \_\_\_\_\_ Date: \_\_\_\_\_

I understand that I am on the wait list, and not registering for a welding class. I also understand that I will have 24 hours to respond when an instructor calls me to be enrolled into a welding class(es). I also understand that it is my responsibility to contact the Welding Department to notify them if my personal information changes.

\_\_\_\_\_

Signature Date  
***Return Waitlist form to the Welding Offices at RC Bldg 2 Room 230.***