



## Robotics Technology Program Application Fall 2017

### This Application Packet Includes

- Program overview
- Program application information
- Required tool list
- Estimated program cost
- Application checklist
- Prerequisite course sheet
- Application scoring sheet
- Program application

Application deadline: May 19, 2017

Fall term begins: September 25, 2017

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Persons having questions about equal opportunity/affirmative action should contact-

Affirmative Action Officer

4000 Lancaster Dr. NE

Salem, Oregon 97309-7070

or call 503.399.4784

*To request this publication in an alternative format, please call 503.399.6254*

## **Robotics Technology Program Overview**

- The AAS degree program is two-years in length, for a total of six terms
- This program is a fall term entry only
- New student enrollment is 24 per year
- Current program curriculum is available at  
[www.chemeketa.edu/classes/catalog/documents/Robotics.pdf](http://www.chemeketa.edu/classes/catalog/documents/Robotics.pdf)

### **Program Objectives**

The Robotics Technology Program emphasizes technical training and development of skills through the study of the various aspects of robotic systems. The program is designed to train future robotics technicians from introductory to advanced robotics design, diagnosis and repair in the areas of motors, sensors, end effectors, material tooling, electronic control systems, robot programming and replacement part manufacturing.

### **Criminal Background Check/Drug Testing**

Although this program does not require background checks or drug testing, almost every employer may require these screenings, including an examination of your driving record. For some jobs, screening is required by federal or state law. For more information, visit [privacyrights.org](http://privacyrights.org).

Whether you are hired or promoted for a job may depend on your results.

Examples include-

- Clean driving record to become a robot field service technician
- Criminal background check due to restrictive locations where robots are being utilized

If you are unable to pass a drug test, do not have a valid drivers' license and/or have a felony conviction, your opportunities for employment can be limited. However, many employers want your skills and knowledge and will not have the same restrictions.

### **Prerequisites**

You may apply for this program **before** you have taken all prerequisites. All courses must be completed with a grade "C" or higher by the end of spring term 2017. Application points will be awarded for prerequisites completed during summer term of the application year. Applicants completing prerequisites during summer term may be considered if the program has not been filled. Prerequisites must be completed prior to starting the program.

# Robotics Technology Program Application Information

## Important Dates

- Open date (Program applications accepted) **Wednesday, February 22, 2017**
- Close date (Complete application packet due) **Friday, May 19, 2017, 4:59 pm**

## Apply to Chemeketa

If you are not currently enrolled at Chemeketa, you must first apply to admission to the college at [go.chemeketa.edu/apply](http://go.chemeketa.edu/apply)

## Complete Your Application

Thoroughly read the requirements and complete an application packet that includes all the items on the application checklist. This application packet is also available online at [go.chemeketa.edu/electronics](http://go.chemeketa.edu/electronics).

## College Transcripts

Please submit a copy of your unofficial Chemeketa transcripts with your application, even if you have not taken any classes at Chemeketa. A copy of your unofficial Chemeketa transcript can be printed out from My Chemeketa.

You can submit transcripts from another college/university to be evaluated. To do this, you must request an evaluation through Enrollment Services. This evaluation may take several months, so please do so early.

## Submit Your Application

All required documentation listed on the application checklist, as well as the signed checklist, must be received by Chemeketa Enrollment Services by the close date for the application to be considered complete.

<b>Submit your application in person-</b> Enrollment Services (8 am–4:30 pm) Building 4, Room 121 4000 Lancaster Dr. NE Salem, Oregon 97305	<b>Or postmark mail by due date to-</b> Chemeketa Community College Enrollment Services 4000 Lancaster Dr. NE Salem, Oregon 97309-7070
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### **Application Review and Notification**

By submitting an accurate and complete application you may qualify for admission (or alternate status if the program is full) based on the evaluation your application. Any applications received after May 19, 2017 may be considered if the program has not been filled.

Beginning June 10, check your My Chemeketa email daily for a notification of your status and other program communications. Keep Admissions (503.399.5006) and the Robotics Program (503.399.6254) informed of any address changes after you submit your application.

### **Program Orientation**

**If you accept an offer of Robotics Technology Program admission you must attend a program orientation in August at the Salem campus. Accepted students will be notified by their My Chemeketa e-mail of the date, time and location of the orientation.**

The orientation will include program information, policies and procedures, locker assignment, tool requirements and class schedules.

## **Robotics Technology Program Required Tool List**

While there are many tools that can be purchased, each class may have a specific list that may change slightly each year. **Please refer to each course syllabi for the most current required tools.**

### **Required before fall term classes start-**

- Laptop computer, netbook or tablet
- Safety glasses ANSI Z87.1 rated
- Welding cap
- Welding gloves (check with instructor)
- Tape measure, metric and SAE, 12 foot minimum
- Calipers, digital, 0-6 inch / metric
- Screwdrivers, precision, slotted and Phillips
- Security torx set
- Socket set, SAE,  $\frac{3}{8}$ " drive
- Socket set, metric,  $\frac{3}{8}$ " drive
- Utility knife
- Multimeter
- Hearing protection
- Tool box
- Work shirts - Work shirts to be purchased at the Chemeketa Bookstore

### **Please Note**

This is a basic tool list that will be adequate for lab work in classes on campus. It is highly recommended that quality brand name tools be obtained. Internship sites may require and/or recommend additional tools that are more specific to Robotics Technology.

## Robotics Technology Program Estimated Cost

These costs are estimates and are subject to change without notice.

Tuition, universal fee, lab fee and textbook costs are effective as of Winter Term 2017. Visit [www.chemeketa.edu/earncertdegree/tuition/](http://www.chemeketa.edu/earncertdegree/tuition/) for current Tuition/fee rates.

<b>TERM 1</b>	Books/fees (universal fees, lab fees)	\$566.75
	Tools and laptop computer*	\$1,000.00
	Tuition (18 credit hours)	\$1,476.00
<b>TERM 2</b>	Books/fees (universal fees, lab fees)	\$566.75
	Tuition (18 credit hours)	\$1,476.00
<b>TERM 3</b>	Books/fees (universal fees, lab fees)	\$535.50
	Tuition (17 credit hours)	\$1,395.00
<b>TERM 4</b>	Books/fees (universal fees, lab fees)	\$504.00
	Tuition (16 credit hours)	\$1,312.00
<b>TERM 5</b>	Books/fees (universal fees, lab fees)	\$535.75
	Tuition (17 credit hours)	\$1,395.00
<b>TERM 6</b>	Books/fees (universal fees, lab fees)	\$535.75
	Tuition (17 credit hours)	\$1,395.00
	<b>ESTIMATED TOTAL</b>	<b>\$12,694</b>

\* Students are required to have or have purchased the tools on the required tool list by the start of fall term 2017. Students are also required to have or have purchased the required laptop or tablet computer by the start of fall term 2017.

Chemeketa Community College is an equal opportunity/affirmative action employer and educational institution. To request this publication in an alternative format, please call 503.399.1925

## Robotics Technology Program Application Checklist Fall 2017

(Submit this form with your application)

**I am submitting each of these required documents as one complete application packet-**

- The application checklist (this page),
- A copy of your placement test scores,
  - Print your placement test scores from My Chemeketa.
  - Placement scores are valid for two years. If your placement scores are over two years old from the time you submit this application they are not valid and you will need to retake the placement test.
- A copy of your unofficial Chemeketa transcript and any other college transcript(s) (*if applicable*),
- Signed letters supporting your robotics involvement (*if applicable*),
- Prerequisite course sheet,
- A copy of the Robotics Technology application scoring sheet, and
- A signed Robotics Technology application

I have all of the above ready to be submitted

Signature \_\_\_\_\_ Date: \_\_\_\_\_

# Robotics Technology Program Prerequisite Courses Fall 2017

(Submit this form with your application)

## Prerequisite Requirement

- Criteria for fulfilling requirement: Completed with "C" grade or higher final grade
- You may submit an application **before** you have taken all the required prerequisites

**Writing: Completed? Yes** \_\_\_\_\_ **No** \_\_\_\_\_ **Final Grade if Completed** \_\_\_\_\_

- Placement into WR121 or higher in the past 2 years; OR
- Successful completion of WR 115 or higher with a C grade or higher taken within the past 5 years

**Reading: Completed? Yes** \_\_\_\_\_ **No** \_\_\_\_\_ **Final Grade if Completed** \_\_\_\_\_

- Placement into RD115 or higher in the past 2 years; OR
- Successful completion of RD090 or higher with a C grade or higher taken within the past 5 years

**Mathematics: Completed? Yes** \_\_\_\_\_ **No** \_\_\_\_\_ **Final Grade if Completed** \_\_\_\_\_

- Placement into MTH081 or MTH111 or higher in the past 2 years; OR
- Successful completion of MTH 070 or higher with a C grade or higher taken within the past 5 years

**Please note: Chemeketa reserves the right to modify the criteria and process for admission to Robotics Technology on an annual basis.**



## **Robotics Technology Program Application Scoring Sheet Fall 2017**

**(Submit this form with your application)**

1. Student Assessment and Recommendation Score

One point for each step recommended above minimum required course.

WR115 \_\_\_\_\_ RD090 \_\_\_\_\_ MTH070 \_\_\_\_\_

2. Military service or a degree from an accredited institution in electronic, machining, welding, drafting, or automotive fields.

Must be documented from military Points records and/or official transcript.

Three points possible \_\_\_\_\_

3. Qualified Robotics Technology program alternate from previous year.

Two points possible \_\_\_\_\_

4. Previous Documented Robotics Tournament (FTC, FRC, or VEX) Participation

Two points each year competing possible \_\_\_\_\_

Applicant Score: \_\_\_\_\_

**In the event of a tie, the following tiebreakers will be applied in the order listed below-**

1. Legal residence in the Chemeketa service district
2. Cumulative GPA from Chemeketa\*
3. Successful completion of program related College Credit Now courses\*
4. Date of program readiness
5. Random selection

\* Courses must be completed by the end of spring term, 2017 to receive designated points.

**Please note: Chemeketa reserves the right to modify the criteria and process for admission to Robotics Technology on an annual basis.**

**Robotics Technology Program Application Fall 2017**  
(Submit this form with your application)

**Please print**

First and last name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone # (include area code) \_\_\_\_\_

Student ID/ K # \_\_\_\_\_

Chemeketa e-mail \_\_\_\_\_@my.chemeketa.edu

**Initial all**

**I understand the Robotics Technology application must be submitted as one packet and must include this checklist.**

**I have completed the college admission application form online.**

- New students can apply online at [go.chemeketa.edu/apply](http://go.chemeketa.edu/apply)
- If you are already a Chemeketa student, you have completed this step

**I have attached the following documents to this application--**

A copy of my writing, reading and math placement test scores

A completed prerequisite form

A copy of the Robotics technology scoring sheet

Original letters on school or business letterhead from coaches, mentors or supervisors supporting previous robotics experience if points for participation are expected

**I have clicked on the Gmail icon at the top of the page in My Chemeketa to verify my Chemeketa -mail is active.**

**I understand that if I qualify for admission, I will be placed on a Robotics Technology admission or alternate list based on the program review of my application packet.**

I understand that I will be notified by e-mail whether my status will be either admitted to the program, alternate status or not admitted.

I understand that an offer of admission to the Robotics Technology Program for fall 2017 is dependent on my having successfully completed all prerequisite courses with at least a "C" grade.

**I understand that if I qualify for admission, I will be placed on a Robotics Technology admission or alternate list based on the program review of my application packet.**

**I understand that if offered admission, and I accept, I will attend the mandatory program orientation in August.**

I understand that if I do not attend the mandatory orientation, I will not be admitted into the Robotics Technology Program.

**I have updated my current address and/or phone number with Chemeketa.**

I understand that I must notify Enrollment Services, the Robotics Technology Program Chair and update any address changes in My Chemeketa.

**I understand that all Robotics Technology students are required to have their own hand tools and laptop computer or tablet by the start of fall term 2017 classes.**

**I have read and detached the Robotics Technology application information pages and will retain it for my reference.**

**I am submitting this application for admission into the following program-**

- Robotics Technology two year AAS Degree

I hereby attest that all of the documentation I have submitted with this packet is accurate and authentic

Signature\_\_\_\_\_ Date\_\_\_\_\_

## **The application period is open February 22-May 19, 2017**

### **Submit your application in person-**

Enrollment Services (8 am–4:30 pm)

Building 2, Room 200

4000 Lancaster Dr. NE

Salem, Oregon 97305

### **Or mail to-**

Enrollment Services

Chemeketa Community College

PO Box 14007

Salem, OR 97309-7070

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