

TABLE OF CONTENTS

Table of Contents.....	1
Mission Statement.....	2
2017 General Rules.....	3
High School Contacts.....	4-5
CCC Campus Tours..... Begin from Rook Lobby.....	10:30 a.m., 11:30 a.m., 12:30 p.m. 6
Placement and Testing..... Roger Rook 136.....	9 a.m. – 12 p.m..... 6
CCC Senior Incentive..... McLoughlin Hall Rm. 130/132.....	9 a.m. – 1 p.m. 7
All About CCC Panel..... McLoughlin Hall Rm. 131.....	9 a.m. or 12 p.m. 8
Disability Resource Center Open House.....	10 a.m. – 2 p.m. 9
Career Expo..... Randall Gym.....	8:30 a.m. – 12 p.m. 10

Contest Events

Accounting..... McLoughlin 252, 253.....	9:00am - 10:00am..... 11
Art-Visual..... Art Center.....	9:00am - 11:00am..... 11
Automotive..... Barlow 161.....	9:00am - 12:00pm..... 12
Biology..... DeJardin 191.....	9:30am - 9:30am..... 13
Broadcast Journalism..... McLoughlin 134.....	9:00am - 2:00pm..... 13
Business Technology..... Streeter 143.....	10:00am - 12:00pm..... 14
CCC's Amazing Race..... Community Center 140.....	8:15am – 12 p.m. 14
Chemistry – Inorganic..... Pauling Center 161.....	9:45am – 11:00am..... 15
Chemistry – Organic..... Pauling Center 161.....	12:00pm – 1:15pm..... 16
Computer Science..... Streeter Annex.....	9:00am - 10:30am..... 17
Criminal Justice..... Roger Rook Lobby by Bus Turnaround.....	8:15am - 12:30pm..... 18
Early Childhood Education..... Clairmont 151.....	9:00am -11:15am..... 19
Education – K-12 Teaching..... McLoughlin 254.....	9:00am - 11:00am..... 20
Electronics..... Barlow 276.....	9:00am - 1:00pm..... 21
Engineering..... Pauling 131.....	9:00am - 11:00am..... 22
French..... McLoughlin 255.....	9:00am – 1:00pm..... 23
Geology..... Pauling 164.....	8:30am – 11:00am..... 26
German..... McLoughlin 202.....	9:00am – 1:00pm..... 26
Graphic Design - Logo..... Electronic submission.....	due by 5:00p.m. 02/7/18..... 27
Health Sciences..... Roger Rook Lobby by Bus Turnaround.....	9:00am-12:00pm..... 28
Horticulture..... Clairmont 117, 118, 120 & 133.....	9:00am - 11:30am..... 29
Job Interview..... Barlow 204 - Human Resources Office.....	8:45am - 1:00pm..... 30
Journalism..... Roger Rook 135.....	8:30am – 12:00pm..... 31
Leadership..... Community Center Fireside Lounge.....	9:00am - 11:00am..... 32
Manufacturing Technology..... Barlow 155b.....	9:00am - 1:00pm..... 33
Mathematics..... Room schedule TBD.....	9:00am - 12:00pm..... 34
Music..... Niemeyer Center Lobby.....	10:30am - 12:00pm..... 34
Renewable Energy..... Pauling Center 132.....	9:00am - 1:00pm..... 35
Social Sciences Essay..... McLoughlin 206.....	9:00am – 10:00am..... 36
Spanish..... McLoughlin 257.....	9:00am – 1:00pm..... 36
Spelling Bee..... Community Center 127.....	9:00am - 11:00am..... 39
Theatre Arts..... Niemeyer 141, 147.....	10:00am – 12:00pm..... 39
Video Production..... Community Center.....	8:45am - 2:00pm..... 40
Welding Technology..... Training Center 165.....	9:00am - 1:00pm..... 42

Registration Materials

Contest List.....	43
-------------------	----

Mission Statement

Similar to the modern day athletic events, the Clackamas Regional Skills Competition offers opportunities to challenge today's academic, career and technical education students. Instead of competing on the track or field, the Skills Competition provides tomorrow's citizens with the opportunity to demonstrate the skills and knowledge they have learned in school and will be applying in tomorrow's world.

For these and other reasons the Clackamas Regional Skills Competition is a functional part of the educational process:

- The event PROMOTES the transition from secondary to post-secondary education.
- The event PROVIDES the student an opportunity that may assist his/her future decision making.
- The event DEMONSTRATES an educational product to the tax payers, parents, and the community.
- The event INVOLVES industry and the public with the educational process.
- The event BUILDS and CHALLENGES professional improvement.
- The event YIELDS LEADERSHIP and expresses cooperation among the residents of Clackamas County.

The Clackamas Regional Skills Competition is a test to some, a trial to some, an opportunity to some, but a realistic experience to everyone.

Event Coordinators

Clackamas Community College:

- Max Wedding, 503-594-3008, max.wedding@clackamas.edu
- Jaime Clarke, 503-594-3220, jaimec@clackamas.edu

Clackamas Education Service District:

- Sarah Dorn, 503-675-4017, sdorn@clackesd.org

The event coordinators wish to extend a special thanks to the Milwaukie High School Tech Cadre for designing, maintaining, and running the Skills registration website.

2018 GENERAL RULES

- Participants must be currently enrolled in a high school, alternative school or home school program and be of typical high school age.
- Participants must be authorized for entry by the local high school or alternative school.
- Participants must meet the qualifications set forth in each competition.
- Competitions will begin promptly at the times listed in the booklet.
- Participants must be registered prior to the registration deadline to place and receive a tuition waiver in any competition. Students who register after the deadline may still participate in events if the event is not full and at the event chairperson's discretion, but will be ineligible for a tuition waiver prize.
- The number of entries allowed per school will vary. The individual contest chairperson will determine maximum contest limits.
- There must be at least two different schools entered in order to run each contest. In the event there are too few participants, the contest may be cancelled or the number of students placing for tuition waivers or prizes may be adjusted.
- Contestants or teams must work independently without assistance from judges, teachers, fellow students, or observers. Contestants may be disqualified for receiving such assistance.
- The judges will make interpretations of all contest rules, and their decisions will be final.
- Chaperoning of all persons attending the contests is required and is the responsibility of the local school.
- Picture taking can only be done with the permission of the competition supervisor.
- It is important to supply name and home address for each student. This information is used by Clackamas Community College only.
- There will be no ties! In the event of a tie, each contest chairperson has predetermined criteria to determine a winner.
- In the event of CCC closure or late opening due to inclement weather, the Skills Competition will be cancelled and not be rescheduled in its entirety. However, departments may choose to reschedule individual competitions. Information regarding closure can be found at www.clackamas.edu or www.techcadre.com/skills2018. In the event of closure, rescheduling information will be posted at www.techcadre.com/skills2018.

Note: Results of the Clackamas Regional Skills Competition will be posted on the website after 1:00pm on Friday, February 23. Please contact your high school representative for results.

Clackamas Regional Skills Competition | High School Contacts 2018

Alliance Charter Academy

Megan Coggins
503)785-8556 x8056
megancoggins@aca.k12.or.us

Arts & Technology High School

Anna Roots
503-673-7375
rootsa@wlwv.k12.or.us

Canby High School

Jamie Netter
503-263-7218
netterj@canby.k12.or.us

CAIS

Scott Curtis
503-785-7860
Scott.curtis@orecity.k12.or.us

CCC High School Programs

Lisa Nielson
503-594-3401
lisan@clackamas.edu

Clackamas High School

Terri Ferris
503-353-5811
ferrist@nclack.k12.or.us

Clackamas Middle College

Karyn Renehan
503-518-5925 x18
renehank@nclack.k12.or.us

Clackamas Web Academy

Susan Roberts
503-936-5476
sroberts@nclack.k12.or.us

Colton High School

Kelsey Coy
503-824-2330 x234
coyk@colton.k12.or.us

Country Christian

503-829-5503
ccsoffice@ccsmolalla.com

Estacada High School

Glen Nation
503-630-8515 ext. 2841
nationg@estacada.k12.or.us

Gladstone High School

Alison Howell
503-655-2544
howella@gladstone.k12.or.us

Lake Oswego High School

Deb Hart
503-534-2210
hartd@loswego.k12.or.us

Lakeridge High School

Lisa Oliva
503-534-2400
olival@loswego.k12.or.us

Milwaukie High School

Jeff Linman
503-353-5840 ext. 38388
linmanj@nclack.k12.or.us

Molalla High School

Gloria Hagen
503-829-2355
gloria.hagen@mollalariv.k12.or.us

New Urban High School

Anna Scarpino
503-353-5925 x33325
scarpinoa@nclack.k12.or.us

North Clackamas Christian

Margaret Hespen
503-655-5961
Margaret_Hespen@
ncchristianschool.com

Oregon City high School

Vona Winter
503-785-8734
Vona.winter@orecity.k12.or.us

Rex Putnam High School

Kori Knight
503-353-5871
knightko@nclack.k12.or.us

Renaissance Public Academy

Cheryl Goodson
503-759-7002
office@rpa-molalla.org

Sabin-Schellenberg Center

Daniel Thompson
503-353-5921
thompsond@nclack.k12.or.us
Suzie Peachin
503-353-5901
peachins@nclack.k12.or.us

Sandy High School

Jennifer McNeil
503-668-8011 x7122 or x7111
Jennifer.mcneil@
ortrail.k12.or.us

Summit Learning Charter

Cindy Kavanagh
503-630-5001
ckavanagh@summitlc.org

Timberlake Job Corps

Charli Powers
503-834-3408
cjpowers@fs.fed.us

West Linn High School

Sandie Yamauchi
503-673-7822
yamauchs@wlwv.k12.or.us

Wilsonville High School

Lyndi Tucker
503-673-7628
tuckerl@wlwv.k12.or.us

Clackamas Regional Skills Competition | Other School Contacts 2018

Clark County Skills Center

Tony Shaver
360-604-1050 x2108
anthony.shaver@evergreenps.org

Columbia River High School

Heather Mardon
360-313-3900
Heather.Mardon@vansd.org

Fort Vancouver High School

Toree Hiebert
360-313-4000
toree.hiebert@vansd.org

Hudson's Bay High School

Steve Lorenz
360-313-4444
steve.lorenz@vansd.org

Madison High School

Susan Wiencke
503.916-5220
swiencke@pps.net

Clackamas ESD

Sarah Dorn
503-675-4017
sdorn@clackesd.org

Clackamas Community College

Max Wedding
503-594-3008
Max.wedding@clackamas.edu
Jaime Clarke
503-594-3220
jaimec@clackamas.edu



Learn more about CCC...

Tours of CCC's Campus

Tour the Art Center, Roger Rook, Randall Hall and more! Meet in Rook Lobby, (look for the "tours" sign). Three tours (30 minutes each) offered at:
10:30am 11:30am 12:30pm

Course Placement & Testing

Meet with our friendly placement and testing staff to discuss your options for placing into college classes. Drop by any time between 9 a.m. and 12 p.m.

Sign up for tours on the registration form

Space is limited, so be sure to register for these special additions to the Clackamas County Regional Skills Competition.

2018 SKILLS COMPETITION

SENIOR INCENTIVE

Are you a senior in high school planning to attend Clackamas Community College next year?

This is a great opportunity to get a jump start on your college education!

Complete the Senior Incentive steps and get entered into a drawing for 4 credit tuition waivers!*

Senior Incentive Sessions will cover:

- How to get started at CCC
- How to apply for CCC scholarships
- How to make an appointment with an Admissions Counselor for individual help
- And more!

To be entered into the tuition waiver drawing the following must be completed by Friday, March 30:

- Attend a Senior Incentive Session on Skills Day
- Apply for Admission (if applicable, you may already be a CCC student)
- Complete New Student Orientation – Available online via your myClackamas account
- Email welcome@clackamas.edu from your myClackamas email account by Friday, March 30, 5pm with the following information: Your full name, birthdate, and the date you completed New Student Orientation (partially completed requirements will NOT be accepted)
- Tuition waiver winners will be notified by Friday, April 13, 5pm (via myClackamas email)*

To get started, register to attend one of the SENIOR INCENTIVE sessions offered on Skills Day (February 22, 2018):

• 9:00 a.m. • 10:00 a.m. • 11:00 a.m. • 12:00 p.m. • 1:00 p.m.

For students on an IEP or 504 plan, CCC Disability Resource Center staff will be participating in sessions at the following times (when registering select sessions with 'DRC' listed with the time):

• 10:00 a.m. DRC • 11:00 a.m. DRC • 12:00 p.m. DRC

All sessions will be held in McLoughlin Hall, Room 130 and 132 (with DRC)

Register through your high school contact

(see "High School Contacts" at www.techcadre.com/skills2018)

*Books and fees not included. Waivers can be used anytime during the 2018-19 academic year

For more information contact:
Admissions & Recruitment
welcome@clackamas.edu or 503-594-3284



2018 SKILLS COMPETITION

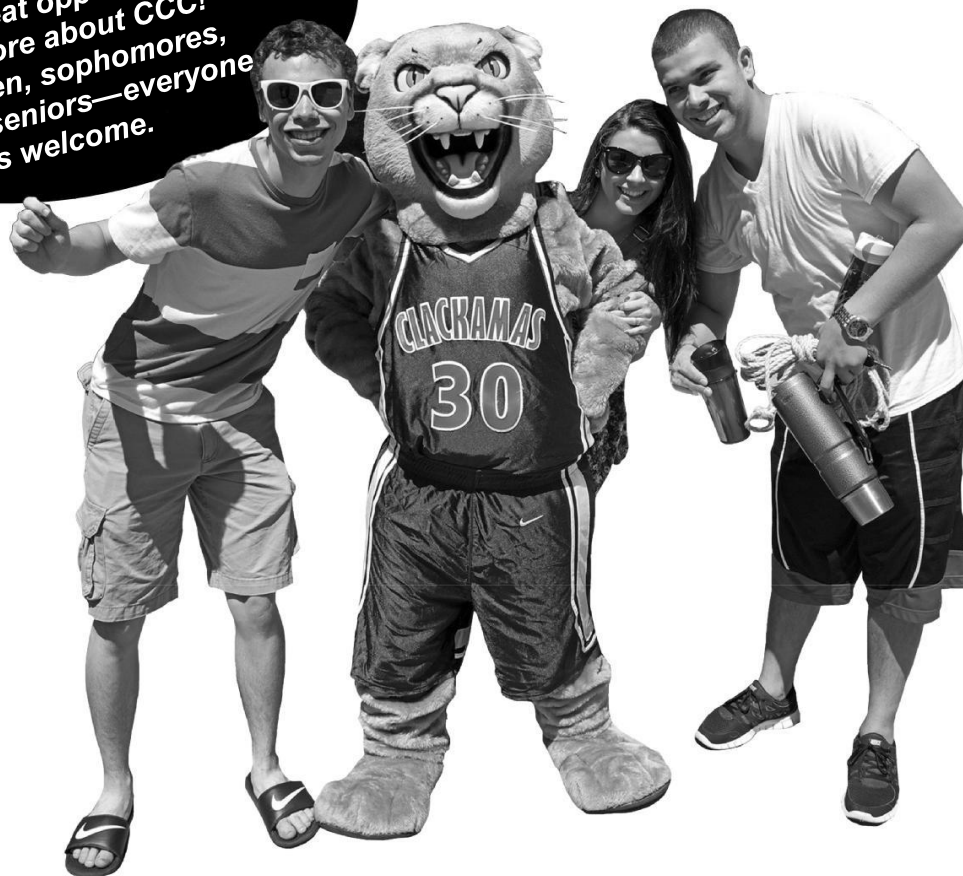
Ever wonder what it's like to be a college student?

Curious about CCC's majors and programs?

Want to know more about how to pay for college, get involved on campus, get good grades, and learn about tools offered to help you be successful?

“ALL ABOUT CCC” Panel

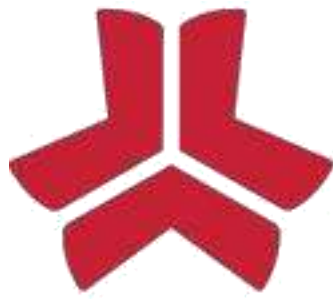
Hear from current CCC students, professors, deans, and admissions counselors—this is a great opportunity to learn more about CCC! Freshmen, sophomores, juniors, seniors—everyone is welcome.



**Two panel times to choose from on Skills Day (February 22, 2018):
9:00 a.m. or 12:00 p.m.**

Both panels will be held in McLoughlin Hall, Room 121 (Auditorium)

Register through your high school contact
(see “High School Contacts” at www.techcadre.com/skills2018)



Clackamas
Community College

DISABILITY RESOURCE CENTER

OPEN HOUSE

February 22, 2018 | 10 a.m. – 2 p.m.

***Visit the Disability Resource Center
during the 2017 SKILLS DAY EVENT and
learn more about:***

- Requesting accommodations at CCC
- Equipment to assist students (*with DRC staff and technology available to try*)
- Services available
- Differences between high school and college with accommodations
- DRC's online system – AIM

Questions? 503-594-6357 | drc@clackamas.edu



C-TEC Youth Services Presents:

Please join us.....

In conjunction with the
Clackamas Regional Skills Competition,
C-TEC Youth Services is hosting the
2018 Clackamas Youth Career Expo.

Come and explore regional:



Businesses

Colleges
&
Universities



Apprenticeship
&
Trade Programs

Training
Programs
&
More!



Clackamas Youth Career Expo

February 22, 2018 8:30am -
12:00pm Clackamas Community
College 19600 Molalla Ave,
Oregon City Randall
Gymnasium



Campus Activities Include:

Senior Incentive

Attend a Senior Incentive Information Session
to learn more about how to win a 4-credit tuition waiver for 2018!
Sessions in McLoughlin Hall, Room 130 at 9:00, 10:00, 11:00, 12:00, 1:00

Makers Fair

Stop by between 8:30-1:00 to try your hand at "making" a variety of projects.
Located in the lobby of Randall Gym, right outside the Career Expo.

CCC Campus Tours

Take a tour of Clackamas Community College
Meet in the lobby of Roger Rook Hall at 10:30, 11:30, or 12:30



For more information:

Cynthia Mittelsteadt
(503) 980-8627
Oregon Relay System 711
cynthia.mittelsteadt@clackamas.edu

Accounting

Contact: Joan San-Clare, Faculty, 503-594-3013, joan.san-clare@clackamas.edu | Mike Moiso, Department Chair, 503-594-3770, mmoiso@clackamas.edu

Contest	Time	Room(s)
Accounting I (for first year students)	9 a.m. – 10 a.m.	McLoughlin 252 McLoughlin 253

Contest Rules

The Accounting Skills Test features approximately 50 multiple choice questions about general accounting. You'll be given a scantron to record your answers, and will have 60 minutes to complete the test. Good luck!

Minimum of 12 students required for this contest to run. Maximum 80 students.

Prizes: Tuition Waivers

First place

Second place

Third place

Art – Visual

Contact: Kelly White, Administrative Assistant, 503-594-3034, kellyw@clackamas.edu

Contest	Time	Room(s)
Art – Visual	9 a.m. – 11 a.m.	Art Center

Contest Rules

1. Please register on-line at www.techcadre.com/skills2018 (125 max capacity) and be at the Art Center at 9 a.m. on Skills Day for the orientation and description of the challenge.
2. The competition will begin at 9:15 a.m. and end at 11 a.m. Students will be provided with a limited amount of materials and a conceptual idea. Using the materials and concept, each student will have 1 hour and 45 minutes to complete the project with the provided materials. No other outside materials will be allowed.
3. Finished pieces will be displayed in the hallway of the Art Center. The artwork will be judged by CCC Art Department Faculty from 11 a.m. – 12 p.m. (noon) on the day of the competition. Participants may not be in the Art Center building during

the judging process. The Art Center will be reopened at noon so that participants can see which works were awarded. The award winners will receive notification through their High School Instructors. Notification will go out to those instructors via email by Friday, February 23rd.

4. The artwork will be exhibited in the Art Center for one week following the competition. Students will be responsible for picking up their artwork after the exhibition has ended. Please contact Kelly White for information on retrieving the artwork at 503-594-3034.

Release of Liability

CCC exercises reasonable precautions to protect artwork from theft or damage; however CCC does not assume financial responsibility for damage or theft of loaned artwork relating to Clackamas Regional Skills Competition. CCC reserves the right to remove inappropriate work.

Merit Scholarship Opportunities

In addition to Skills Competition awards, the Art Department offers a limited number of partial tuition waivers to high school students who are planning to attend CCC. If you would like more information, or know a student who could benefit, please contact Nora Brodnicki, norab@clackamas.edu or Kelly White, kellyw@clackamas.edu.

Prizes: Tuition Waivers

First place
Second place
Third place

Automotive

Contact: Sharon Brown, Administrative Assistant, 503-594-3046, sharonbr@clackamas.edu

Contest	Time	Room(s)
Parts ID Challenge	9 a.m. – 12 p.m.	Barlow 161

Contest Rules:

The automotive parts identification challenge will consist of a group of multiple choice questions. Tuition waivers will be awarded to the students with the top three scores.

Hot Rod Show and Open House:

Visit Barlow 161 any time from 9 a.m. until noon to find out more about our Automotive and Auto Body Collision Repair Programs with custom street rods on display. Vote for your favorite car!

Prizes: Tuition Waivers

First place
Second place
Third place

Biology – General

Contact: Polly Schulz, Faculty, 503-594-3358, pollys@clackamas.edu | Lilly Mayer, Faculty, 503-594-3356, lillym@clackamas.edu | Tory Blackwell, Faculty, 503-594-3646, toryb@clackamas.edu

Contest	Time	Room(s)
Biology – General	8:30 a.m. – 9:30 a.m.	DeJardin 191

Contest Rules

1. The competition is limited to twelve teams of two students each, one team per school. Pre-registration at is required. Teams must be identified at registration.
2. Student teams of 2 students will transcribe and translate DNA sequences in a timed “game show” competition. Student teams must figure out what is wrong with the patient in each case to win the round.

Prize:

Winning team

Broadcast Journalism

Contact: Mark Devendorf, Faculty, 503-594-6247, mark.devendorf@clackamas.edu

Contest	Time	Room(s)
Broadcast Journalism	9 a.m. – 9:30 a.m. (Orientation)	McLoughlin 134

Contest Rules:

Using video cameras, students will create a video based news story that focuses on the Skills Contest Day at Clackamas Community College. Students will be required to conduct on-camera interviews to create an objective representation of the day’s events. The winning entry will be broadcast online on the college’s cable channel, CCCTV.

1. Teams of three to six students per school. Teams must be identified at registration.
2. All participants must attend the orientation from 9:00 – 9:30am or be disqualified from the contest.
3. Students can only participate on one team.
4. Stories must be submitted on DVD or via video file.
5. Computer editing should be done at students’ high schools, home, or CCC Digital Media Video Editing Lab (CCC Lab time needs to be scheduled)

6. Stories are due one week after Skills Contest Day. Turn finished product in to Kelly White in Art Center 107 or emailed to Mark Devendorf at mark.devendorf@clackamas.edu by 5:00 pm, Thursday, March 1, 2018.

Prizes: Team Tuition Waivers

First place
Second place
Third place

Business Technology

Contact: Beverly Forney, Faculty, 503-594-3115, beverlyf@clackamas.edu | Mike Moiso, Department Chair, 503-594-3770, mmoiso@clackamas.edu

Contest	Time	Room(s)
MS Word Test	10 a.m. – 12 p.m.	Streeter 143

Contest Rules:

This is a multiple choice test over MS Word, which may encompass everything from simple text editing to more extensive tasks using ribbons, menus, and Word options. You'll be given a scantron to record your answers, there will be 50 questions and you'll be given 90 minutes to complete the test.

You will not have access to Microsoft Word during the test. No notes, textbooks, or related material will be allowed.

Maximum 25 students eligible for this event.

Prizes: Tuition Waivers

First place
Second place
Third place

CCC's Amazing Race

Contact: Stephanie Schaefer, Department Chair, 503-594-6135, sschaefer@clackamas.edu | David Green, Faculty, 503-594-6452, david.green@clackamas.edu

Contest	Time	Room(s)
First Year Experience – CCC's Amazing Race	8:15 a.m. – 12 p.m.	Community Center 140

The First Year Experience program at Clackamas Community College offers low-cost, skill building courses that can help you be successful in college, develop your education and career goals in a supportive environment, while gaining confidence and building relationships.

Contest rules:

- Please register online at www.techcadre.com/skills2018 and be at the Community Center room CC140 at 8:15am on Skills Day for the orientation and to receive your instructions for the contest.
- The competition will begin at 8:30 a.m. and you will have until noon to complete it. You will be provided with a map and will be required to visit several locations on campus to learn about buildings and programs at CCC. For each building you visit, you will be asked to find a specific person, obtain a stamp, and list one program or class that is held in that building. **This is not a literal race!** Take your time gathering stamps and information. This game can be played along with competing in many other competitions during Skills Day.
- After you have obtained all of the stamps and information required, come to the Career Expo located in Randall Hall gym and find the First Year Experience table to submit your completed map and receive a prize. Your name will then be placed in a drawing, along with students who finished the First Year Experience – CCC Amazing Race, for a chance at receiving one of three tuition waivers available.
- If you miss the start of this competition, feel free to come by the Community Center, room CC140 at any time. This competition is flexible and can begin anytime as long as your map is completed and turned into the First Year Experience table at the Career Expo by noon.

Prizes: Tuition Waivers

All participants who complete the challenge will be entered into a drawing for one of three tuition waivers.

Chemistry – Inorganic

Contact: Nick Hamel, Faculty, 503-594-3353, nickh@clackamas.edu

Contest	Time	Room(s)
Qualitative Analysis	9:45 a.m. – 11 a.m.	Pauling 161

Contest Rules

1. The competition is limited to six teams of two students each, one team per school. Preregistration is required. Teams must be identified at registration.
2. Each team will be given six numbered dropper bottles, each containing an aqueous solution of an ionic compound, an acid, a base, or distilled water, and a list of the six compounds. Solutions, once used up, will not be replenished. Each team will also be supplied with pH paper, a squeeze bottle of distilled water, and a spot plate (a team may choose to use test tubes, which will also be available). The object of the contest is to identify the contents of each of the six dropper bottles in the shortest time.

- Teams are required to bring their own safety glasses, which must be worn during the competition, but may bring no additional equipment or chemicals. Teams should also bring any references (texts, handbooks, solubility charts, etc.) they need. None will be supplied at the contest site.
- Orientation and set-up will begin at 9:45 a.m. and the timed competition begins promptly at 10 a.m. The maximum time allowed will be 60 minutes.
- Each team's score will be the number of minutes required to complete the identification plus a 5 minute penalty for each unidentified or incorrectly identified dropper bottle. Time begins at 10 a.m. and ends when the team's answer sheet is received by the judge. As in golf, the lowest score wins.
- Possible compounds are: the nitrate salts of aluminum, silver, barium, lead(II), iron(III), and zinc; the chloride salts of ammonium, barium, potassium, and sodium; sodium carbonate; sodium sulfate; ammonium, potassium, and sodium hydroxide; hydrochloric, nitric, and sulfuric acids; and distilled water.
- Teams may not receive help from the judge, fellow students, teachers, etc. Violators will be disqualified.
- Once a team has turned in its answer sheet, it must then dispose of wastes properly and clean up its work area for the entry to qualify. Instructions for disposal of chemicals will be provided.

Prizes: Tuition waivers

First place

Second place

Third place

Chemistry – Organic

Contact: Nick Hamel, Faculty, 503-594-3353, nickh@clackamas.edu

Contest	Time	Room(s)
Organic Models & Structures	12 p.m. – 1:45 p.m.	Pauling 161

Contest Rules:

- The competition is limited to six teams of two students each, one team per school. Preregistration is required. Teams must be identified at registration.
- Each team will be provided with a molecular model kit containing atoms and bonding sticks. Teams interpret a line-angle drawing and/or condensed structural drawing to build a completed model using the model kits supplied. Model kits will contain only enough atoms and bonds to build the structure.
- Orientation and set-up will begin at 12 p.m., and the timed competition begins promptly at 12:15 p.m. The maximum time allowed will be 60 minutes.
- Each team's score will be the number of minutes required to complete the model plus a 2 minute penalty for each incorrectly used or omitted atom or bond. Time

begins at 12:15 p.m. and ends when the team's answer sheet is received by the judge. As in golf, the lowest score wins.

5. Typical compounds will be composed of about 15-20 carbon atoms with hydrogen, oxygen, nitrogen, phosphorous, sulfur, or halogens to make up several common functional groups.
6. Teams may not receive help from the judge, fellow students, teachers, etc. Violators will be disqualified.

Prizes: Tuition Waivers

First place
Second place
Third place

Computer Science – Cryptography

Contact: Jen Miller, Faculty, 503-594-3138, jen.miller@clackamas.edu | Rich Albers, Faculty, 503-594-3166, richa@clackamas.edu | Mike Moiso, Department Chair, 503-594-3770, mmoiso@clackamas.edu

Contest	Time	Room(s)
Cryptography	9 a.m. – 10:30 a.m.	Streeter Annex

Contest Rules:

Do you like solving puzzles and breaking codes? The growth of the cloud, artificial intelligence, big data, and other digital technologies is driving the need for increased data security. Digital data is often encrypted before being transmitted and then decrypted by the recipient to prevent eavesdropping and information theft. This is an individual contest to decrypt messages that have been encrypted in various formats.

No pre-existing knowledge of programming or encryption algorithms is required.

Registration is required for this event and limited to 48 participants.

Prizes: Tuition Waivers

First place
Second place
Third place

Criminal Justice – Harmony Campus

Contact: Ida Flippo, Faculty, 503-594-3363, iflipp@clackamas.edu | Sharron Furno, Faculty, 503-594-6224, sharron.furno@clackamas.edu

Contest	Time	Room(s)
Bus departs Oregon City campus	8:45 a.m.	Bus turnaround near Roger Rook
Registration and Orientation	9 a.m. – 9:30 a.m.	Harmony Campus
Problem-oriented Policing Simulation	9:30 a.m. – 12 p.m.	Harmony Campus
Crime Scene Investigation	9:30 a.m. – 12 p.m.	Harmony Campus
Suspicious Vehicle	9:30 a.m. – 12 p.m.	Harmony Campus
Bus returns to Oregon City campus	12:15 p.m.	

The Criminal Justice Skills competitions have been designed using “real life” scenarios to afford serious students an opportunity to test their knowledge of the criminal justice system and law enforcement procedures. **Please don’t register unless you are committed to showing up on time. An additional permission slip is required for this event.** See your school contact for more details.

Contest Descriptions:

Problem-oriented Policing Simulation: Working in pairs, students will use the SARA model to investigate and analyze fictional Central City’s growing prostitution problem. This exercise will include simulated interviews with perpetrators, city leaders, residents, business owners, etc., and the use of crime analysis data. Students will then formulate recommendations, within a given budget, for the City and the Police Department to implement. Students will be judged on the likelihood that their recommendations will result in a decrease in calls for service and related problems, and how well their plan addresses underlying issues.

Crime Scene Investigation: Conduct a crime scene investigation *with a partner*. Handle and evaluate all evidence properly and write a team report.

Suspicious Vehicle: Students will be dispatched to a suspicious vehicle that is occupied by two individuals. Students will have to use their skills to investigate the occupants of

the vehicle as well as the vehicle itself. Students will work in pairs and will have 15 minutes from the time they are dispatched to take whatever action they find necessary.

Contest Rules:

1. All Criminal Justice competitions will be completed at the Harmony Community Campus **only**. Students will meet at the Oregon City Campus and be bussed down to Harmony at 8:45 a.m.
2. Only pre-registered two (2) person teams will be allowed to compete in the Criminal Justice contests. The Crime Scene Investigation is limited to 16 teams. The Suspicious Vehicle contest is limited to 8 teams. Teams must be identified at registration.
3. Both team members must check-in during the registration period for contest time assignments and instructions. Partner substitutions must be finalized 24 hours before the contest. Teams may be dropped from the competition for failure to arrive on time.
4. No videos or cameras allowed in the competitions.
5. Maximum time allowed for each Crime Scene Investigation Team: 15 minutes in the crime scene room, with a 30 minute report-writing limit. Teams will be graded on demonstration of skills AND written report.

Prizes: **Tuition Waivers** (for each contest)

First place

Second place

Third place

Early Childhood Education

Contact: Dawn Hendricks, Faculty, 503-594-6158,

dawn.hendricks@clackamas.edu

Contest	Time	Room(s)
Early Childhood Education	9 a.m. – 11:15 a.m.	Clairmont 151

The foundation for success in school and life is built during the early childhood years. Teachers of young children play a vital role in developing and nurturing the important skills of social and emotional development, language and literacy acquisition, scientific inquiry, knowledge of mathematical concepts. This skills competition will provide participants with a fun, hands-on opportunity to create a learning experience that can be used in an early childhood setting with a preschool aged child, 3-5 years old.

Contest rules:

1. At the beginning of the competition, students will watch a demonstration highlighting best practices in storybook reading and storytelling.

2. Each student will then select a book from the provided collection upon which to build an engaging, developmentally appropriate lesson for preschoolers. Examples will be provided to guide students.
3. Each student will plan a lesson, based on the topic of the selected children's book, which includes language, literacy, math and science learning.
4. Each student will complete a planning form that includes information on the title of the book or story, the objective of the lesson, specific language, literacy, math and science concepts that are promoted, how to extend the learning at home, and why the lesson would be of interest to a preschool aged child. The purpose is to be instructive as well as fun. All lesson plans developed should also relate directly to Oregon's Early Learning Foundations. Students will identify which specific 3-4 foundations are targeted. A copy of the Early Learning Foundations will be provided to each student.
5. Each student will have 30 minutes to prepare the lesson and plan their presentation.
6. Even though adults, not children, will be viewing the lesson presentation, students should plan to include a hands-on demonstration of the lesson and some audience participation.
7. Times for the presentation will be between 5-8 minutes, depending on the total number of students.

Prizes: Tuition Waivers

First place

Second place

Third place

Education – K-12 Teaching

Contact: Laurette Scott, Faculty, 503-594-3840, laurette@clackamas.edu

Contest	Time	Room(s)
Teaching	9 a.m. – 11 a.m.	McLoughlin 254

'Pedagogy' is defined as the art, science, and profession of teaching. Educators must understand their students as learners and how they acquire knowledge. They determine what subject matter content is developmentally appropriate at each stage of a child's development. Teachers use this understanding of both learners and subject matter to plan lessons which maximize learning for their students and to present instruction in an engaging and meaningful manner to their classes. This contest will allow you to demonstrate your mastery of the art, science, and profession of teaching while presenting a 'tiny teach' to an audience of aspiring and experienced educators.

Contest rules:

1. Participants will plan and teach a mini-lesson on something that is particularly interesting, exciting, or informative to them. Examples might be:

- a. How to correctly swing a tennis racket, execute a dance step, or speak in a foreign language; basic horse safety; the three branches of government in the US; a mini science project.
2. Since topics are selected in advance, there is an expectation that preparation will be done prior to the skills contest. Participants should introduce the topic, present the lesson, and review or summarize what the audience has learned.
3. The lesson should include the use of a visual teaching aid.
4. The lesson should also include audience participation. The audience will be the other participants. They will be expected to assume the role of learners and to be engaged in the lesson.
5. This 'tiny teach' should take 5-10 minutes.
6. Judging will be based on a scale of 1-4 for each of the following categories:
 - a. Knowledge of subject.
 - b. Organization and clarity of presentation and communication.
 - c. Creative and effective use of visual teaching aid.
 - d. Audience participation.
 - e. Professionalism in presentation and appearance.

Faculty from the CCC Education program will judge each of the presentations.

Prizes: Tuition Waivers

- First place
- Second place
- Third place

Electronics

Contact: Mike Mattson, Department Chair, 503-594-3322,
mattsonm@clackamas.edu

Contest	Time	Room(s)
Electronics, Beginning (2 sessions)	9 a.m. – 11 a.m. 11 a.m. – 1 p.m.	Barlow 276
Electronics, Advanced (2 sessions)	9 a.m. – 11 a.m. 11 a.m. – 1 p.m.	Barlow 276

Contest rules:

Electronics participants will complete the assigned projects on the day of the contest.

Prizes: Tuition Waivers (for both Beginning and Advanced levels)

- First place
- Second place
- Third place

Engineering

Contact: Eric Lee, Faculty, 503-594-6163, elee@clackamas.edu

Contest	Time	Room(s)
Bridge-building	9 a.m. – 11 a.m.	Pauling 131

This contest will consist of the problem stated below. Bridges must be constructed prior to the day of the contest. Supplies will be provided for last-minute repairs or modifications. This will be a continuously running contest.

Problem: Design and build the lightest wooden bridge that can support the greatest load over a 30 cm span.

Contest rules:

Read all instructions carefully! Any bridges that do not meet the specifications below will be disqualified.

- The bridge can weigh no more than 50 grams.
- The length of the bridge must be a minimum of 35 cm and a maximum of 41 cm.
- Any kind of non-laminated wood (i.e., no plywood) may be used that is 1/3 inch or less in width or depth.
- The bridge may not contain supports made of other (non-wood) materials.
- Any commonly available glue may be used; however, do not impregnate the bridge with glue. Glue must be confined to points of contact between pieces of wood.
- Pieces may not be laminated together.
- Do not paint or stain the bridge.
- The bridge may not extend below the level of the supports.

For your planning, please note the following:

- A loading block will be placed at the center of the bridge for testing. The loading block will consist of a 7" length metal rod (1/4" diameter) connected to a set of 4 chains, which will hold up a loading platform, where the weights will be placed. The metal rod will be placed across the bottom of each bridge. It is recommended that you build a level area where the rod will be placed, perhaps with extra support, depending on your bridge design. The maximum weight before breaking will be measured, and the score will be calculated and ranked by a spreadsheet program which will be displayed during the contest.
- The bridge test supports will be 30 cm apart.

Judging criteria:

The bridge's score will be determined by dividing the maximum load supported (in pounds) by the mass of the bridge (in grams).

Prizes: Tuition Waivers

First place

Second place

Third place

French

Contact: Heidi Cropsey, Faculty, 503-594-3621, heidic@clackamas.edu

Contest	Time	Room(s)
Level I	9 a.m. – 10 a.m.	McLoughlin 255
Level II	10 a.m. – 11 a.m.	McLoughlin 255
Level III	11 a.m. – 12 p.m.	McLoughlin 255
Level IV	12 p.m. – 1 p.m.	McLoughlin 255

Students will create an illustrated children’s book (50-250 words) according to their level and proficiency in the target language. They choose a specific topic and grammar point (among the ones listed below) to write their book. Levels represent the year in high school. For example, Level III means the student is in the third year of French.

Level I

Choose one topic for your story:

1. Your own family or a make-believe family.
2. The school or university – places in the school – subjects.
3. Choose a real or imaginary character – give him a name, describe him, her or it.
4. The four seasons – identify your favorite season, talk about colors, the weather and months of the year.

Choose one or two grammar points to be used consistently in your story as if you were trying to teach a specific point of grammar:

1. Vocabulary related to the family: Descriptive and possessive adjectives, the verb “être” and “avoir” as they relate to description and age, numbers, and the verb “faire” as it relates to sports and leisure time activities.
2. Vocabulary related to the school or university, subjects or courses of study, present tense of regular verbs –er, -re, -ir; numbers.
3. Descriptive adjectives, passtimes, possessive adjectives, present tense of “avoir” and “venir”.
4. Vocabulary related to the seasons, months of the year, colors, weather, “aimer” and verbs of preference—“détester/préférer/adorer” etc.

Level II

Choose one topic for your story:

1. Going shopping - articles of clothing, colors, size. Include cost of the article of articles. Use numbers the way they are written in the French system.

2. Food and going to a restaurant.
3. The daily routine. You can discuss your own activities or the activities of someone else or an imaginary character.
4. Pastimes and sports.

Choose the grammar accordingly (1 or 2 grammar points):

1. Numbers 1 to 100 and higher, the passé composé tense of regular verbs, direct and /or indirect objects and pronouns, demonstrative objects and / or pronouns.
2. Vocabulary related to eating in a restaurant and describing food, “savoir” and “connaître”, “prendre”, “boire” comparatives and superlatives.
3. Vocabulary related to daily routine and personal hygiene, reflexive verbs with reflexive pronouns, indefinite and negative words, imperfect of “être” and “avoir”, “prendre” and verbs like “prendre”.
4. Past times and places in the city, vocabulary related to sports, the present tense of “aller” and the most common irregular verbs – prendre, apprendre, comprendre/venir/avoir/ etc.

Level III

Choose one topic for your story:

1. Celebrations and holidays in a French speaking country.
2. Transportation – modes of transportation and differences with American systems.
3. Going on vacation and traveling.
4. Entertainment – movies, music, video games, plays, reading etc.
5. Eating habits.

Choose the grammar accordingly (1 or 2 grammar points):

1. Vocabulary related to celebrations, personal relationships, the different stages of life, irregular past participles in passé composé, verbs that change meaning if they are reflexive or non-reflexive, interrogative pronouns such as quel, quelle, quels, quelles, the passé composé and imperfect tenses.
2. Vocabulary related to health and well-being, passé composé and imperfect tenses, constructions with reflexive verbs.
3. Vocabulary related to traveling, lodging and transportation, days of the week, seasons and weather, “être” with conditions and emotions, direct and indirect object nouns and pronouns.
4. Vocabulary related to technology, the future and conditional tenses, “depuis”/ ça fait/ il y a que, passé composé and imperfect, stressed pronouns- moi, toi, lui, elle, nous, vous, eux, elles/ possessive adjectives and other pronouns.

Level IV

Choose one topic for your story:

1. Employment – work and the workplace, occupations and professions.
2. The housing situation – from homeless to having multiple homes.
3. The dream house and your favorite place to live.
4. The city – living in the city vs living in a small town.

Choose the grammar accordingly (1 or 2 grammar points):

1. Vocabulary related to different professions, work and the workplace, the future and conditional tenses, the present and past tenses, the subjunctive.
2. Vocabulary related to the environment and nature, the subjunctive with verbs of emotion, the subjunctive with doubt, disbelief and denial, the subjunctive with the different conjunctions.
3. Vocabulary on the house, parts of the house, household chores, commands, the present subjunctive, the present participle in adjective clauses, possessive adjectives and pronouns.
4. Vocabulary related to living in the city, giving directions, going to the bank and / or the post office, the subjunctive in adjective clauses, “familiar (tu)” commands, “vous” and “nous” commands.

Contest rules:

- It has to be original.
- The topic, vocabulary and grammar have to be consistent throughout the book.
- The story has to be original. Translations of any type are prohibited.
- Electronically made as well as hand-painted illustrations are permitted.
- The book has to be carefully created and reviewed for consistency in both the chosen topic and language structure.
- The students will bring their finished book the day of the contest. They will be prepared to present and explain their work to the judges (at least one instructor and two other fluent speakers).
- The students’ work will be displayed at tables set up according to the specific level of language proficiency.
- The judges will choose first, second and third place as they cast their vote individually and discuss their choice with their peer/s.
- **NATIVE SPEAKERS OF A GIVEN LANGUAGE OR HERITAGE SPEAKERS (those raised in homes where that language was regularly spoken by natives) ARE NOT ELIGIBLE FOR PRIZES.**
- Students from a minimum of two schools must be registered for each level or the competition at that level will be cancelled.

Prizes: Tuition Waivers

First place

Second place

Third place

Geology

Contact: Sarah Hoover, Faculty, 503-594-3354, sarahh@clackamas.edu

Contest	Time	Room(s)
Rock and Mineral ID	8:30 a.m. – 10 a.m.	Pauling 164
Quiz Bowl	10 a.m. – 11 a.m.	Pauling 164

Contest rules:

- Maximum 40 students may participate in this event. No more than 30 students from one school.
- Students must check in no later than 9 a.m. to compete.
- Individually, students will attempt to identify approximately 40 rocks and minerals. Competitors will be given a list of rock/mineral names to choose from and standard test equipment (glass, streak plate, acid, magnets, and hand lenses).
- After the Rock and Mineral ID is complete, the students will pair up in teams they have organized prior to arriving (2 people per team) and work on a Quiz Bowl. There are three rounds with each round consisting of 5 questions (15 questions total). The questions in each round progressively get more difficult. The first round topic is Rock and Mineral Systems and Environments, the second round is Plate Tectonics and the Earth's Structure, and the last round is NW Geology. Written responses are timed. Teams must be identified at registration.
- After the Quiz Bowl, individual scores from the Rock and Mineral ID portion are added to the team score for each student to see who came in first second and third.

Prizes: Individual Tuition Waivers

First place

Second place

Third place

German

Contact: David Miller, Department Chair, 503-594-3247,
millerd@clackamas.edu

Contest	Time	Room(s)
Level I	9 a.m. – 10 a.m.	McLoughlin 202
Level II	10 a.m. – 11 a.m.	McLoughlin 202
Level III	11 a.m. – 12 p.m.	McLoughlin 202
Level IV	12 p.m. – 1 p.m.	McLoughlin 202

Levels represent the year in high school. For example, Level III means the student is in the third year of German.

Contest rules:

- NATIVE SPEAKERS OF A GIVEN LANGUAGE OR HERITAGE SPEAKERS (those raised in homes where that language was regularly spoken by natives) ARE NOT ELIGIBLE FOR PRIZES.
- Students from a minimum of two schools must be registered for each level or the competition at that level will be cancelled.

Prizes: Tuition Waivers

First place

Second place

Third place

Graphic Design

Contact: Max Wedding, Coordinator, 503-594-3008, max.wedding@clackamas.edu | Jaime Clarke, Coordinator, 503-594-3220, jaimec@clackamas.edu

Contest	Time	Room(s)
Logo Design	Due electronically by 5 p.m., 2/7/18	Community Center

Contest rules:

- Entries are to be completed before the competition and turned in electronically to Max Wedding at max.wedding@clackamas.edu by 5:00 pm, Wednesday, February 7, 2018. Logos will be on exhibit in the Community Center and awards will be posted the day of the Skills Contest.
- Designs must represent the Clackamas Regional Skills Competition, and the text “2019 Clackamas Regional Skills Competition” must be included in the design
- Designs should be simple, bold and graphic. Clip art should not be used.
- Designs must be presented in both 4"x4" and 1"x1" sizes on a single 8.5 x11 sheet of white paper.
- List student name, grade, and school on lower right-hand corner. (No larger than 2" by 2").
- Design must be camera ready; black ink on smooth white paper or laser printer output. No pencil.
- Computer screen tints should be no finer than 85 lines/inch.
- Building Contact will be notified for each student placing 1st-3rd prior to Skills Day and asked to submit an electronic file of their logo in JPEG format.
- The winning logo will appear on the front cover of the 2019 Clackamas Regional Skills Competition Booklet with credit given to the student and their school.

- Both hand-drawn and digitally-drawn designs are accepted. Hand-drawn designs will need to be scanned and submitted as an electronic file as well.

Judging criteria:

- Correct spelling and year (2019). Designs with misspellings or incorrect year will be automatically disqualified.
- Appropriateness (a suitable identity for the competition).
- Originality/creativity (unique, unexpected) To view winning designs from prior years visit www.clackamascareers.com/logos
- Appeal (good first impression, interesting).
- Layout/composition (simple, clear, readable).
- Graphic reproduction (camera ready, neat, reproducible at various sizes - clarity at both 4"x4" and 1"x1" sizes).

Prizes: **Tuition Waivers**

First place

Second place

Third place

Health Sciences – Harmony Campus

Contact: Nicole Paresi, Faculty, 503-594-0660,

nicole.paresi@clackamas.edu

Activity	Time	Room(s)
Interactive Information Session & Tour	9 a.m. – 12 p.m.	Meet in Rook Hall lobby – Bus leaves at 9 a.m.

Students interested in Health Sciences will visit the Harmony Community Campus to learn more about our degree and certificate programs, and to participate in hands-on learning experiences. **An additional permission slip is required for this event.** See your school contact for more details.

Programs explored will include:

- Clinical Lab Assistant/Phlebotomy
- Dental Assistant
- Emergency Medical Technology
- Nursing Assistant

The bus will return to CCC Oregon City campus at 12 p.m. and students will not have time to participate or compete in other events.

Registration is required for this event is limited to 25 participants. **Note:** Students attending this event will need an additional permission form. Details will follow after registration closes.

Horticulture

Contact: April Chastain, Department Chair, 503-594-3055,
april.chastain@clackamas.edu

Contest	Time	Room(s)
Check-in	8:30 a.m. – 9 a.m.	Clairmont 120
Session 1: <ul style="list-style-type: none"> Plant ID by Touch, Taste & Smell Ascend In Arboriculture 	9 a.m. – 9:45 a.m. Limit 70	Clairmont 117 Half of the students will move to another room for an event.
Session 2: <ul style="list-style-type: none"> Plant ID by Touch, Taste & Smell Ascend In Arboriculture 	9:50 a.m. – 10:35 a.m. Limit 70	Clairmont 133 & 117 Students will swap rooms to participate in the other event.
Session 3: <ul style="list-style-type: none"> Flower Power! 	10:40 a.m. – 11:30 a.m. Limit 70	Clairmont 118
We would like to encourage all students to participate in the Career Expo in the Randall Hall Gym, open until 12:00 noon.		

These events are sponsored by the Horticulture department and are designed as learning experiences for students interested in learning about horticulture.

Contest rules:

- Students must be pre-registered through their school using the appropriate forms, and register for all three sessions to be considered for awards.

- Events include an instructional section. Department instructors will coach students in the event. Students will then demonstrate their knowledge to compete for CCC Tuition Scholarships!
- Tuition awards will be provided to the top three students with the highest combined point total from the three unique events.
- There is a limit to the number of participants per event – see above. Our contests fill quickly so register early!

Prizes: Tuition Waivers

First place

Second place

Third place

Job Interview

Contact: Aldene Sumic, HR Specialist, 503-594-3301,
aldene.sumic@clackamas.edu

Contest	Time	Room(s)
Schedule Interview	8:45 a.m. – 9:30 a.m.	Barlow 204 (HR offices)
Interviews	9 a.m. – 1 p.m. By appointment only	Barlow 204 (HR offices)

Contest rules:

- Each contestant will interview for the position: *Customer Service Representative*. To view the job description, visit: www.techcadre.com/skills2018 and select **Misc. Contest Info**.
- Maximum number of participants per school is two.
- Visit the Human Resources (HR) Office to schedule an interview appointment.
- Contestants should plan to arrive 15 minutes prior to the scheduled interview time. Upon arrival, contestants will introduce themselves and receive the application form. **THE JUDGING BEGINS HERE!**
- After completing the application form, the contestants will return it to the HR reception desk. Contestants will then be introduced to the interviewers
- The interview will consist of questions pertaining to the Customer Service Representative position for which the contestant applied.
- Limited to 12 students.

Note: The application form must be completed in the designated Human Resources lobby. Talking with other contestants in the lobby area will be grounds for disqualification.

Prizes: Tuition Waivers

- First place
- Second place
- Third place

Journalism

Contact: Jennifer Jett, Administrative Assistant, 503-594-3153,
jennifer.jett@clackamas.edu

Contest	Time	Room(s)
Check-in: Journalism Lab	8:30 a.m. – 9 a.m.	Roger Rook 135
On assignment: Covering Skills Day (writing) – 2 sessions	9 a.m. – 9:15 a.m. 10 a.m. – 10:15 a.m.	Roger Rook 135
On assignment: Covering Skills Day (photos) – 2 sessions	9:15 a.m. – 9:30 a.m. 10:15 a.m. – 10:30 a.m.	Roger Rook 135
All work must be turned in by 12 p.m. (noon).		
Come by Roger Rook 135 anytime to take the News Junkie Quiz for your chance to win a \$25 gift card to Dutch Bros.		

Contest rules:

- Students in the journalism competition will cover the Skills Day contest in words and photos.
- Writers will go out and cover the event and turn in a story by Noon.
- Photographers will go out, photograph the story and turn in images (with captions) by Noon.
- Students can participate in one contest or both the writing and photojournalism.
- Students may use their cell phones for photography; some DSLR cameras will be available to borrow.
- Contestants should bring their laptops, cameras, phones and phone chargers if they want to use their own equipment.
- The Clackamas Print computer lab will be open throughout the morning for students who want to use it for computers, phones, laptops, PhotoShop, coffee, a resting place and conversation. We will provide coffee, workspace, card readers and PCs.

- If you miss the start of one of the competitions, feel free to come by Roger Rook 135 at any time; this competition is flexible has multiple start and end times; the only deadline is that work must be turned in by Noon.
- Winners will have their work published in The Clackamas Print’s website and newspaper.

Prizes: Tuition Waivers

- First place
- Second place
- Third place

Leadership

Contact: Michelle Baker, Student Life & Leadership Coordinator, 503-594-3041, mbaker@clackamas.edu

Contest	Time	Room(s)
Leadership	9 a.m. – 11 a.m.	Community Center Fireside Lounge

The task is to assemble, in the shortest time possible, a Lego figure that looks exactly like a model figure placed in the center of the room. Each team may spend as much time as it wishes planning to assemble the figure & working together in whatever way it thinks will be most helpful in preparing to assemble and assembling the pieces. The time begins when the team indicates it is ready to begin assembly. Success will depend largely on the team’s leadership and the extent to which it can function effectively as a group.

Contest rules:

- This competition will be between teams of no fewer than four and no more than eight participants each.
- Only one team per school may enter the competition.
- At the beginning of the competition, the Lego blocks needed to complete the assembly will be distributed among the team members. Until the timed assembly period begins, the pieces must stay in front of the team member to whom they are given and they may not be exchanged, nor lined up in an orderly manner, nor fitted together in any way.
- Only one person at a time may leave the team’s work table to look at the model. The model may not be handled in any way, nor can the Lego pieces from the work table be taken from the work table at any time.
- Time begins when the team indicates it is ready to begin. Each team will be observed by a timer/observer. When assembly is complete, timing stops and the assembled Lego figure is taken to the judge, who will check the figure for

accuracy of assembly. If the judge finds an error, he or she will inform the team that the assembly is not correct, but will not indicate what the error is. When the incorrectly assembled Lego figure is returned to the team's work table, timing resumes until the team completes reassembly and the judging process is repeated.

- The winning team is the one which has correctly assembled the figure in the shortest time.
- Any rule violations noted by the observer will disqualify the team's entry. (Observers will try to prevent inadvertent rule violations, but are not responsible to do so.)

No formal tuition waivers will be awarded for this contest.

Prizes:

First place

Second place

Third place

Manufacturing Technology

Contact: Mike Mattson, Department Chair, 503-594-3322,
mattsonm@clackamas.edu

Contest	Time	Room(s)
Machining Lathe, Advanced (2 sessions)	9 a.m. – 11 a.m. 11 a.m. – 1 p.m.	Barlow 155b
Machining Mill, Advanced (2 sessions)	9 a.m. – 11 a.m. 11 a.m. – 1 p.m.	Barlow 155b

Contest rules:

- Each contest is limited to 8 participants per session due to equipment availability.
- Advanced machining participants will complete the assigned projects on the day of the contest.
- All participants must pass a safety test prior to registering for the competition.

Prizes: **Tuition Waivers** (for each contest)

First place

Second place

Third place

Mathematics

Contact: Kurt Lewandowski, Faculty, 503-594-3329, kurtl@clackamas.edu

Contest	Time	Room(s)
Individual Competitions		
Level I – Pre-algebra/Pre-integrated	9 a.m. – 9:35 a.m.	TBD
Level II – 1 st Year Algebra/Integrated I		
Level III – Geometry/Integrated II		
Level IV – 2 nd Year Algebra/Integrated III		
Level V – Pre-calculus/Math Analysis	9 a.m. – 9:45 a.m.	
Level VI - Calculus		
Team Competitions		
Level I – Teams of 3 from individual Levels I, II, III	11:05 a.m. – 12 p.m.	Gregory Forum 108a, 108b, 108c
Level II – Teams of 3 from individual Levels IV, V, VI	10 a.m. – 10:55 a.m.	Gregory Forum 108a, 108b, 108c

Room assignments will be communicated to each high school after registration is complete. Teams must be identified at registration.

Prizes: Individual Tuition Waivers

- First place
- Second place
- Third place

Team Tuition Waivers: Level I and II

- First place
- Second place
- Third place

Music

Contact: Aulani Wehage, Administrative Assistant, 503-594-3337, aulaniw@clackamas.edu | Lars Campbell, Department Chair, 503-594-3384, lars.campbell@clackamas.edu

Contest	Time	Room(s)
Music	10:30 a.m. – 12 p.m.	Niemeyer Center Lobby

This is an opportunity for students to experience three distinct areas in the Music Department, and join in on some playing or singing.

Various instructors from the Music Department will present information about their respective disciplines while leading students in tours of our recording studio, electronic music labs, and performance areas. CCC ensembles will be rehearsing, and we invite students to bring your instrument or voice and sit in with our ensembles.

Instructors will listen to sight-reading by students while they sit in and award a sight-reading prize. In addition, the tour of the recording studio and electronic music labs will finish with a small quiz of information picked up along the way.

BRING YOUR INSTRUMENT!

No formal tuition waivers will be awarded for this contest.

Prizes:

First place

Second place

Third place

Renewable Energy Technology

Contact: Abe Fouhy, Faculty, 503-594-3659, abef@clackamas.edu

Contest	Time	Room(s)
Technology	9 a.m. – 1 p.m.	Pauling 132

This contest will consist of the problem stated below. Solar cells and testing equipment will be provided, solar concentrators will be designed and made by each team. 11:30am is the latest starting time. Teams (of two) will be given 30 minutes to set up and test their work with a run time of one hour. Limit of three teams per school. Teams must be identified at registration.

Problem:

Design and build a solar concentrator for a photovoltaic cell. Your team will need to create a solar concentration system for one solar cell and produce more electricity over a period of one hour. The higher the concentration the faster the solar cell will degrade, so be creative on how to concentrate your cells and/or cool them.

You will need to make the concentration system with your team outside of this competition and bring it to be tested during the competition. A solar cell will be provided for testing.

Judging criteria:

Cells will be tested for power, temperature and visually inspected for wear. The concentrator will be evaluated for simplicity, robustness, ingenuity and professionalism. The group with highest power, lowest temperature and lowest wear to the cell wins.

Prizes: **Team Tuition Waivers**

First place

Second place

Third place

Social Sciences

Contact: Jackie Flowers, Department Chair, 503-594-3405,

jackief@clackamas.edu

Contest	Time	Room(s)
Social Sciences Phenomena: The Essay	9 a.m. – 10 a.m.	McLoughlin 206

This contest will consist of one essay-type question designed for students to demonstrate their ability to analyze a social phenomenon, based on the academic disciplines taught in the Social Sciences Department at Clackamas Community College. These are: Anthropology, American History, Economics, Geography, Philosophy, Political Science, Psychology, Religion, Sociology, Western Civilization and Women's Studies.

Contest rules:

- Upon registration, students will be provided with a set of documents that should be read prior to the event. These documents will be used as source material for answering the essay.
- Maximum 30 participants.

Prizes: **Tuition Waivers**

First place

Second place

Third place

Spanish

Contact: Irma Bjerre, Faculty, 503-594-3245, irmab@clackamas.edu

Contest	Time	Room(s)
Level I	9 a.m. – 10 a.m.	McLoughlin 257
Level II	10 a.m. – 11 a.m.	McLoughlin 257
Level III	11 a.m. – 12 p.m.	McLoughlin 257
Level IV	12 p.m. – 1 p.m.	McLoughlin 257

Students will create and present a project (poster) on a specific topic according to their language level. Students will have developed their project at their own school.

Level I

Students will create a family tree. This can be their own family tree or a tree that portrays an imaginary family.

Once at CCC, they will talk to a small audience of judges (2-3 Spanish instructors) about their family and family relationships. They should be able to introduce the members of the family, describe them and talk about their profession and their likes and dislikes.

Students will be judged by the creativity, time and effort put into the assignment and language proficiency and fluency as stipulated in a given rubric. Students in level I are able to use:

1. Vocabulary related to the family: Descriptive and possessive adjectives, “ser” and “estar”, numbers, professions.
2. Vocabulary related to the school or university, subjects or courses of study, present tense or regular –ar, -er, -ir; numbers.
3. Descriptive adjectives, professions, possessive adjectives, present tense of “tener” and “venir”.
4. Vocabulary related to the seasons, months of the year, colors, weather, “gustar” and verbs like “gustar”.

Level II

Students will create a poster of a family that goes on vacation to a Spanish speaking country.

In your poster show their activities during their vacation such as their daily routine, going shopping, hobbies, sports and include what you like about the city.

Some grammar and language components to take into consideration when creating the poster and presenting your poster:

1. Numbers 1 to 100 and higher, the preterite tense of regular verbs, direct and / or indirect objects and pronouns, demonstrative objects and / or pronouns.
2. Vocabulary related to eating in a restaurant and describing food, the preterite of stem changing verbs, double object pronouns, “saber” and “conocer”, comparatives and superlatives.
3. Vocabulary related to daily routine and personal hygiene, reflexive verbs with reflexive pronouns, indefinite and negative words, preterite of “ser” and “ir”, “gustar” and verbs like “gustar”.
4. Past times and places in the city, vocabulary related to sports, the present tense of “ir”, stem changing verbs: e – ie, o – ue, e – i; verbs with irregular “yo” forms.

Level III

Choose one topic for your poster:

1. Vocabulary related to celebrations, personal relationships, the different stages of life, the preterite and imperfect tenses, verbs that change meaning in the preterite, relative pronouns such as que and cual.
2. Vocabulary related to traveling, lodging and transportation, days of the week, seasons and weather, “estar” with conditions and emotions, direct and indirect object nouns and pronouns.

Choose the grammar and language structures correctly and in context.

Level IV

The environment - nature and the conservation of the environment. Recycling.

Choose the grammar and language structure correctly and in context.

Vocabulary related to the environment and nature, the subjunctive with verbs of emotion, the subjunctive with doubt, disbelief and denial, the subjunctive with the different conjunctions.

Contest rules:

- Poster has to be original
- The topic, vocabulary and grammar have to be related to the topic.
- The topic has to be original – Translations of any type are prohibited.
- Electronically made as well as hand-painted illustrations are permitted.
- The poster has to be carefully created and reviewed for consistency in both the chosen topic and language structure.
- The students will bring their finished poster the day of the contest. They will be prepared to present and explain their work to the judges (two to three Clackamas Community College instructors). They will present the project orally. A few reminder notes written in an index card are allowed. However, the students are not allowed to read their presentation.
- The students' work will be displayed at tables set up according to the specific level of language proficiency.
- The judges will choose first, second and third place as they cast their vote individually and discuss their choice with their peer/s.
- NATIVE SPEAKERS OF A GIVEN LANGUAGE OR HERITAGE SPEAKERS (those raised in homes where that language was regularly spoken by natives) ARE NOT ELIGIBLE FOR PRIZES.
- Students from a minimum of two schools must be registered for each level or the competition at that level will be cancelled.

Prizes: Tuition Waivers

First place

Second place

Third place

Spelling Bee

Contact: Lisa Nielson, Faculty, 503-594-3401, lisan@clackamas.edu

Contest	Time	Room(s)
Spelling Bee	9 a.m. – 11 a.m.	Community Center 127

Each school is encouraged to send up to four representatives.

Prizes: Tuition Waivers

First place

Second place

Third place

Theatre Arts

Contact: Jennifer Jett, Administrative Assistant, 503-594-3153,
jennifer.jett@clackamas.edu

Contest	Time	Room(s)
Scenic, lighting, or costume design	10 a.m. – 11:30 a.m.	Niemeyer 141
Monologue	10 a.m. – 12 p.m.	Niemeyer 147

Scenic, Lighting, or Costume Design Contest rules:

Students submit a scenic, lighting or costume design; in whole or in part which has not necessarily been produced at their school. Students will bring their production design work and display their renderings, models, light plots, costume plots, drawings, charts, actual pieces or photographs to submit and present to the panel, as well as other student participants. Students should be prepared to explain their creative choices in relationship to the play or musical they are supporting.

- Works must be related to a published play or musical.
- Participant will submit drawings, models, lighting plots, and/or photos in relationship to the design.
- It is not required that any design piece has been produced at your school. Works could be part of a class project.
- Students will have five (5) minutes to present their design.
- Please call Jennifer Jett @ 503-594-3153 for any questions or specific technical needs.

One Scenic, Lighting, or Costume Design participant will receive four complimentary tickets to an upcoming CCC production.

Monologue Contest rules:

Students will perform a one to two minute monologue for The CCC Theater Artistic Director and Artist in Residence and receive verbal or written feedback.

Depending on the number of participants, CCC’s Artistic Director may provide verbal feedback and workshop the monologues. Feedback will be provided in written form only if verbal feedback/workshop time is unavailable due to number of participants and time constraints.

- Monologues must be no shorter than one minute and no longer than two minutes.
- Monologues must be from a published source: Samuel French and Dramatists play Service are recommended.
- Monologues cannot be from a film or screenplay. Do not select a monologue from a book comprised of monologues if that monologue is not from a published play.
- Monologues must be memorized and rehearsed as for an audition for a theatrical production.
- Participants must dress professionally.
- Participants must introduce (slate) their monologue by providing: 1) Auditioner’s name 2) The name of the character portrayed 3) The name of the play 4) The name of the playwright.
- It is recommended that participants have a picture and resume to give to the Artistic Director.

Please call Jennifer Jett @ 503-594-3153 for any questions or specific technical needs.

All Monologue participants will receive two complimentary tickets to an upcoming CCC production.

Prizes: Tuition Waivers

- First place
- Second place
- Third place

Video Production

Contact: Sarah Dorn, Coordinator, 503-675-4017, sdorn@clackesd.org

Contest	Time	Room(s)
Orientation	8:45 a.m.	Community Center Lobby
Video Production	9 a.m. – 2 p.m.	Oregon City Campus

Capture the spirit of the Skills Competition in a short video telling the story of the day.

Contest rules:

- Teams must be identified at registration.
- Teams must check in at the Community Center at 8:45am.
- Create a digital video to showcase the Clackamas Regional Skills Competition.
- **All videos should be between three and five minutes in length.**
- Clearly label your DVD with “Clackamas Regional Skills Competition 2018,” your school name and team member names.
- Team member names will be verified and final the morning of the competition.
- Bring your own equipment. Equipment will not be provided.
- Teams will consist of two to six students per school. Students allowed on only one team.
- **Entries should be professional in quality for a target audience of parents, teachers, administrators, and fellow students.**
- Do not interrupt competitions or activities.
- **Video submissions must appropriately address copyright issues.** Any video that contains any copyrighted music or footage in the content will be disqualified unless permission has been granted by the copyright holder and permission for its use is addressed in the video. If there is any question about the legality of content, we will disqualify the video from winning 1st, 2nd, or 3rd place. Please play it safe!
- Videos are due by 4 p.m., Monday March 5, 2018.

How to submit:

Teams may submit video by 4:00pm on Monday, March 5, 2018 in either of the following ways:

- Submit finished video in DVD format to Sarah Dorn, Clackamas ESD – 13455 SE 97th Avenue, Clackamas Oregon. Clearly label DVD with “Clackamas Regional Skills Competition 2018,” your School Name and Team Member Names. Must be **received by** 4:00pm on March 5, 2018.
- Send email to sdorn@clackesd.org with link to site where the video is posted. Email must include “Clackamas Regional Skills Competition 2018” in the subject line. Body of email must include School Name and Team Member Names. It is the team’s responsibility to ensure that the link properly takes judges to the finished video.

Judging criteria:

- Understand and follow Contest Rules.
- Quality: Professionalism in production, transitions, and sound.
- Theme: Convey the spirit of the competition.
- Content: Adequate and appropriate coverage of the various Skills contests.

The winning video will be shown and the production teams introduced at the Awards Ceremony on Monday, March 19, 2018.

Prizes: Team Tuition Waivers

- First place
- Second place
- Third place

Welding Technology

Contact: Aschlie Town, Faculty, 503-594-3524,
aschlie.town@clackamas.edu

Contest	Time	Room(s)
Welding – Entry level	9 a.m. – 1 p.m.	Training Ctr 165
Welding – GTAW		
Welding – Intermediate		
Welding – Advanced (2 sessions)	9 a.m. – 11 a.m. 11 a.m. – 1 p.m.	

Contest rules:

- Entry level, Intermediate and GTAW participants will complete their individual projects at their home school before the skills contest and bring them to CCC for judging. Each part of the projects must be clearly marked with:
 - Name of the contest
 - Home school
 - Name of the contestant
 - Welding Process
- No welding projects will be returned.
- Any weldments not marked will be disregarded. A copy of CCC's welding safety test, graded, must accompany each welding project. Safety tests are worth 20 points each.
- Advanced welding participants will complete the assigned projects on the day of the contest. Participants are responsible for bringing all safety and welding gear with them, as well as a completed and graded copy of CCC's welding safety test.
- Blueprints and instructions will be available online by January 15th on the Skills Contest Website (go to www.techcadre.com/skills2018 and select Misc. Contest Info)
- Registration is limited to four contestants from each school in the advanced contest due to equipment availability.
- Each contestant may only compete in one welding contest. If a contestant enters more than one contest, the lower level entries will be disregarded.

Prizes: Tuition Waivers

- First place
- Second place
- Third place

Clackamas Regional Skills Competition Contest List | 2018

Accounting I

All About CCC Panel

9 a.m. | 12 p.m.

Art – Visual

Automotive

Parts ID | Hot Rod Show

Biology - General

Broadcast Journalism

Business Technology

CCC's Amazing Race

Chemistry

Inorganic | Organic

Computer Science

Criminal Justice – Harmony Campus

Problem-oriented Policing Simulation |
Crime Scene Investigation | Suspicious
Vehicle

Early Childhood Education

Education – K-12 Teaching

Electronics

Beginning | Advanced

Engineering

French

Level I | Level II | Level III | Level IV

Geology

Rock and Mineral ID | Quiz Bowl

German

Level I | Level II | Level III | Level IV

Graphic Design

Health Sciences – Harmony Campus

Clinical Lab Assistant/Phlebotomy | Dental
Assistant | Emergency Medical Technology
| Nursing Assistant

Horticulture

Plant ID by Touch, Taste & Smell | Ascend
In Arboriculture | Flower Power!

Job Interview

Journalism

Photo | Writing

Leadership

Manufacturing Technology

Advanced Lathe | Advanced Mill

Mathematics

Ind. Levels I – VI | Team Levels I & II

Music

Renewable Energy Technology

Social Science

Spanish

Level I | Level II | Level III | Level IV

Spelling Bee

Testing & Placement Office

Drop-in hours | 9 a.m. – 12 p.m.

Theatre Arts

Monologue | Design

Video Production

Welding Technology

Entry Level | GTAW | Intermediate |
Advanced