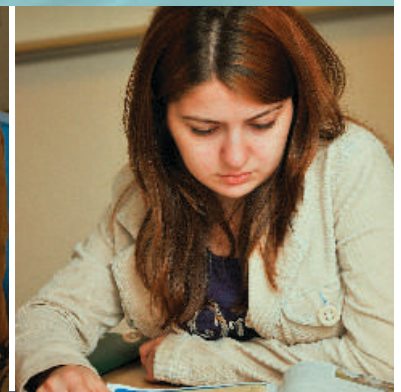


# PCC Dual Credit

Earn College Credit While in High School

2014-2015 Annual Report



**Portland  
Community  
College**

# PCC MISSION STATEMENT

**P**ortland Community College advances the region's long-term vitality by delivering accessible, quality education to support the academic, professional, and personal development of the diverse students and communities we serve.

The college focuses six interconnected core themes and values, distilling from each a set of strategic intentions that will guide future actions and inspire bold thinking:

- **THINK SMART** — Provide Outstanding Affordable Education
- **THINK BOLD** — Drive Student Success
- **THINK FEARLESS** — Ignite a Culture of Innovation
- **THINK POWERFUL** — Transform a Community through Opportunity
- **THINK PROUD** — Lead in Diversity, Equity and Inclusion
- **THINK ACCOUNTABLE** — Achieve Sustainable Excellence in all Operations

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Website: <http://www.pcc.edu/dualcredit>



For deadline reminders, events and photos, join us on Facebook and Twitter! Search for PCC Dual Credit.

# PCC DUAL CREDIT-WHAT IS IT?

**T**he PCC Dual Credit program provides the opportunity for high school students to earn college credit while still in high school. Students, who complete articulated courses taught at their high school by qualified high school faculty providing the same rigor and content as an on-campus college class, are eligible to receive PCC credit for free.

High school faculty must meet the same minimum qualifications that are required for on-campus faculty. Articulated courses must provide the same content and outcomes as a PCC course, and be assessed regularly by the PCC Faculty. When these requirements are met, the course is considered “articulated” with a PCC course and students can earn college credit.

Students can earn PCC credit in:

- Lower Division courses that count toward a bachelor’s degree in subject areas such as Biology, English, Health, History, Math and Music.
- Career & Technical Education courses which lead to an associate degree or certificate in programs such as Automotive Service Technology, Computer Applications Systems, Early Education and Family Studies, Welding, and Management and Supervisory Development.

**During 2014-15, there were 661 “articulated” Portland Community College courses taught at 54 area high schools by approximately 230 approved high school faculty. These articulated courses provided 6,742 students the opportunity to transition smoothly to college programs following their high school graduation.**

## **BENEFITS TO STUDENTS**

- Enhances ability and skills to do college level work and builds confidence for college success.
- Saves money by receiving free college credit and shortening the amount of time after high school to complete a college degree.
- PCC credits are transferable to all Oregon Public Universities and many other colleges and universities.
- Military enlistees may earn higher rank with earned college credit.
- Provides access to PCC student support services such as PCC’s Library, Writing Center, and online Tutoring Services.
- Dual Credit students are more likely to earn more credits by the second year of college and to finish college.

## **BENEFITS TO HIGH SCHOOLS & PCC**

- Brings PCC and high school administrators and faculty together to develop curriculum, share instructional methods, ideas and experiences that benefit students
- Coordinated curriculum reduces redundancy of courses between high school and college and increases rigor of classes
- Increases the likelihood of students continuing their education beyond high school.

# OREGON DUAL CREDIT STANDARDS

The PCC Dual Credit program aligns and complies with the Oregon Dual Credit Standards which were created in an effort to bring more consistency to the state with an emphasis on strengthening faculty connections and ensuring programs are of high quality. The Oregon standards are strongly based on the National Alliance of Concurrent Enrollment Partnerships (NACEP) standards, and include the following.

<b>Curriculum</b>	
<b>Curriculum 1 (C1)</b>	(C1) - College or university courses administered through a Dual Credit Program are catalogued courses and approved through the regular course approval process of the sponsoring college and/or university. These courses have the same departmental designation, number, title, and credits as their college counterparts, and they adhere to the same course descriptions.
<b>Curriculum 2 (C2)</b>	(C2) - College or university courses administered through a Dual Credit Program are recorded on the official academic record for students at the sponsoring college or university.
<b>Curriculum 3 (C3)</b>	(C3) - College or university courses administered through a Dual Credit Program reflect the pedagogical, theoretical and philosophical orientation of the college's or university's sponsoring academic departments.
<b>Faculty</b>	
<b>Faculty 1 (F1)</b>	(F1) - Instructors teaching college or university courses through Dual Credit meet the academic requirements for faculty and instructors teaching in the college or university.
<b>Faculty 2 (F2)</b>	(F2) - The college or university provides high school instructors with training and orientation in course curriculum, assessment criteria, course philosophy, and Dual Credit administrative requirements before certifying the instructors to teach the college or university courses.
<b>Faculty 3 (F3)</b>	(F3) - Instructors teaching Dual Credit sections are part of a continuing collegial interaction through professional development, seminars, site visits, and ongoing communication with the college's or university's faculty and Dual Credit administrators. This interaction must occur at least annually and address issues such as course content, course delivery, assessment, evaluation, and professional development in the field of study.
<b>Faculty 4 (F4)</b>	(F4) – Dual Credit Program policies address instructor non-compliance with the college's or university's expectations for courses offered through the Dual Credit Program (for example, non-participation in Dual Credit Program training and/or activities).
<b>Student</b>	
<b>Student 1 (S1)</b>	(S1) - The college or university officially registers or admits Dual Credit Program students as degree-seeking, non-degree seeking, or non-matriculated students of the college or university and records courses administered through a Dual Credit Program on official sponsoring college or university transcripts.
<b>Student 2 (S2)</b>	(S2) - Colleges or universities outline specific course requirements and prerequisites for students.
<b>Student 3 (S3)</b>	(S3) - High school students are provided with a student guide that outlines students' rights and responsibilities as well as providing guidelines for the transfer of credit.
<b>Assessment</b>	
<b>Assessment 1 (A1)</b>	(A1) - Dual credit students are held to comparable standards of achievement as those expected of students in on-campus sections.
<b>Assessment 2 (A2)</b>	(A2) - The college or university ensures that Dual Credit Program students are held to comparable grading standards as those expected of students in on-campus sections.
<b>Assessment 3 (A3)</b>	(A3) - Dual Credit students are assessed using comparable methods (e.g. papers, portfolios, quizzes, labs, etc.) as their on-campus counterparts.
<b>Evaluation</b>	
<b>Evaluation 1 (E1)</b>	(E1) - The college or university conducts an end-of-term student course evaluation for courses offered through the Dual Credit Program. The course evaluation is intended to influence program improvement rather than instructor evaluation. Names (of the instructor or students) should not be included in the evaluation.

Oregon Department of Community College and Workforce Development

Oregon Department of Education

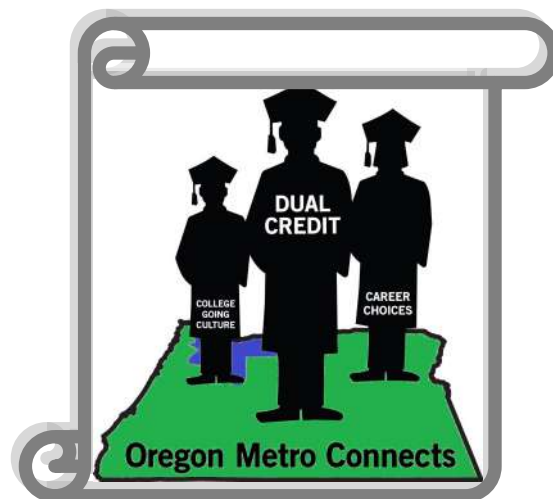
# CREATING PARTNERSHIPS

Partnerships are critical to the success of accelerated learning and college transition programs like PCC Dual Credit and CTE Programs of Study. Below is a brief overview of a few of the events that were coordinated this past year:

- **2014-15 PCC Dual Credit/CTE Symposium** – More than 200 high school and college faculty attended the fall symposium to listen to nationally renowned speaker, Mark Perna, founder of Tools for Schools. Mark's shared insights on the importance of having and strategies for getting, the RIGHT students, in the RIGHT programs for the RIGHT reasons.
- **Dual Credit Articulation Connections Meetings** – Each and every year high school and PCC faculty come together by subject area to learn about each other's programs and share instructional strategies and best practices. It's an opportunity for faculty to collaborate on curriculum as well as network with others outside of the building or district. The Course Assessment requirement was emphasized in all of the Connections Meetings to assure that students are held to comparable standards of achievement, assessed using comparable methods and that grading was also comparable to those expected of students in on campus sections.
- **OMC PLCs for Math and CG** – In 2014-15, PCC received funding from the Oregon Department of Education as part of the Oregon Metro Connects All Students to College Consortium (OMC). PCC partnered with school districts, Mt. Hood Community College and Portland State University to find ways to make Dual Credit more accessible to more students.

One of the ways PCC worked toward our goal was to implement two Professional Learning Communities (PLCs) to investigate additional opportunities for increased collaboration between high schools and PCC in the subject areas of Mathematics and Career Guidance & College Success.

The PLCs met two or three times over the year, and investigated ways to make Dual Credit more accessible to students. The CG PLC implemented a customized Dual Credit Course Approval Calendar with different dates than the standard PCC Dual Credit approval timeline. The Math PLC developed seven specific recommendations to accompany the call for continued collegial interaction and experimentation utilizing a PLAN-DO-STUDY-ACT model.



- **OMC Counselor Day** – In February 2015, PCC hosted a Career and College Readiness Counselor Symposium; response was so positive that this will become an annual event, to be held each December.

Middle and high school counselors were given a day of professional development specifically geared toward career and college readiness. After an invigorating keynote speaker, breakout sessions with information regarding Career and Technical Education, Career Readiness, College Access & Success, and Dual Credit were offered. Participants came away with a firm sense of steps they could integrate into their school cultures to enhance career and college readiness for all students.

- **South Metro – Salem STEM Collaborations** – As a member of the South Metro-Salem STEM Partnership, PCC worked to expand collaborations between area schools and the college to accelerate students through dual credit and attract students into STEM degree paths. Some of the strategies we utilized were to connect with counselors on dual credit offerings in their building, develop an informational video on accelerated learning to be used statewide, and offer faculty curriculum alignment connections meetings in STEM related programs.



- **ENGR 100 – Faculty Workshops** – Engineering faculty at the college coordinated faculty workshops for high school faculty interested in offering ENGR 100 for dual credit. PCC faculty shared not only curriculum, projects and modules, but participating high school faculty were given a Maker Cart to take back to their high school to use in their classroom.
- **2<sup>nd</sup> Annual CTE Awards Ceremony** – The second annual CTE Awards Ceremony was held in June. This event honors the top students in area CTE programs of study. Last year 47 students were honored and congratulated by Chris Chairsell, Vice President of Academic and Student Affairs; Dan Findley, Dean of Math and Industrial Technology; and Dana Fuller, Dean of Social Science and Health. Keynote speaker, Aaron Farley of Road Trip Nation, gave an inspiring multimedia presentation challenging students to find their passion and identify their skills, then build their careers around those core strengths.

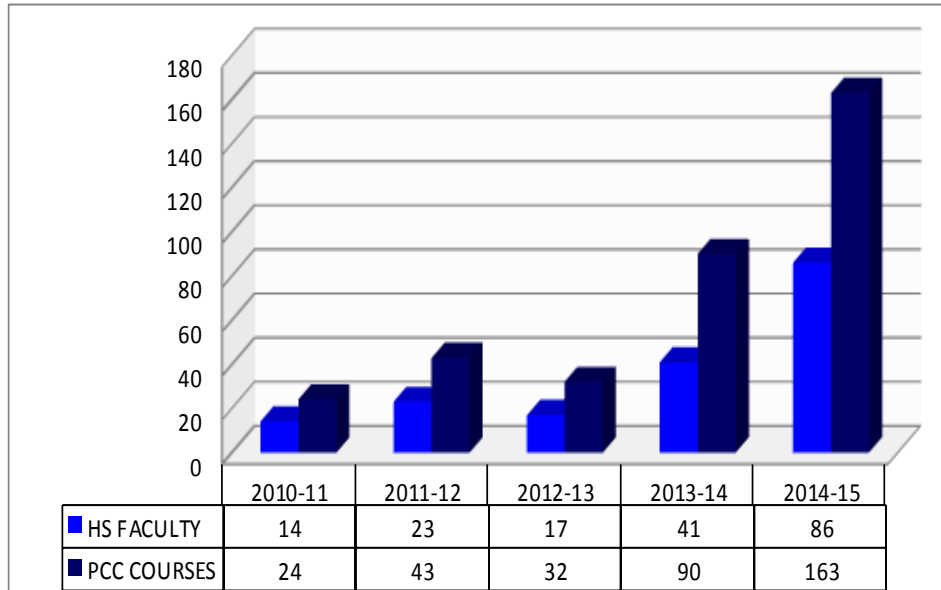


- **ECE Symposium** – The Early Childhood Education Symposium is a professional development opportunity for ECE teachers and their students. It was held in March at the Rock Creek Event Center. Over 130 students and their teachers attended. They took part in sessions presented by Hadiyah Miller, Jamie Rodrick and Linda Jones from PCC's ECE Program; Laura Linda Negri Pool, Karen Santesson, Brandi Fish and Brandi Acs from Nike's Child Development Programs; Katie Kissinger, author and instructor at Columbia Gorge Community College; Polly Christopher of Meadow Day School; Donna Bennington of Child Care Resources; and Donna Barnes, professor emeritus and author, University of San Diego. The sessions focused on themes of literacy with young children, supporting a wide range of learning styles, emergent curriculum and career exploration.
- **Building Construction Statewide Program of Study and PCC Dual Credit Workshop** – Nearly 30 construction faculty from across Oregon attended the two day workshop which had an assessment component as well as instructional strategies for teaching construction math, PCC Building Construction Technology program updates, PCC Dual Credit program updates, discussion on Technical Skills Assessment to name a few.
- **Multimedia Faculty Summer Workshop** – Video production faculty attended a day long workshop facilitated by faculty from the PCC Multimedia department focusing on curriculum alignment, instructional methods/strategies and sharing of best practices for MM 260 – Video Production I. Tim Williams, Executive Director of Oregon Governor's Office of Film & Television provided the welcome and talked about standards, employment, educational needs and opportunities.

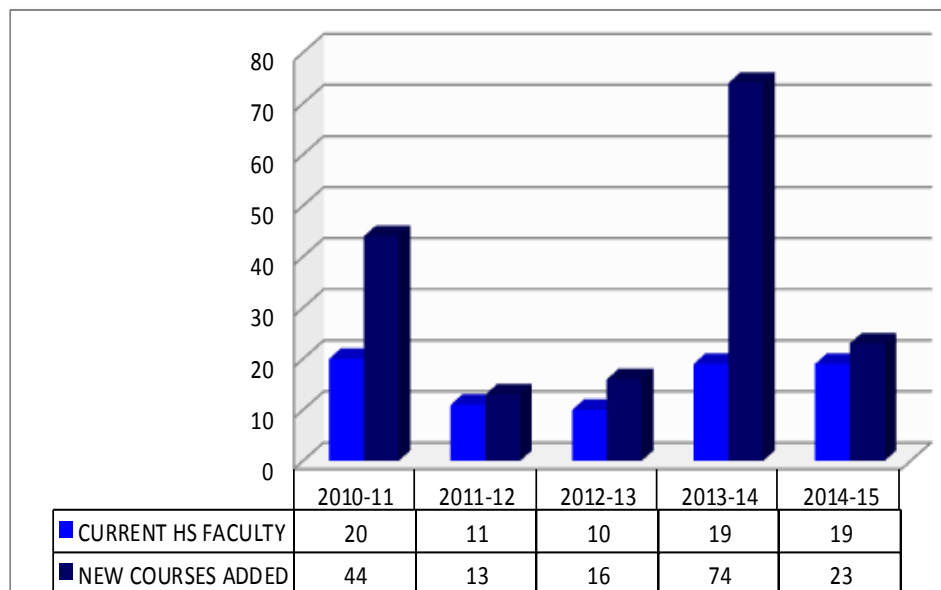
# ARTICULATION TRENDS

With the recent spotlight on Accelerated Learning Opportunities in Oregon, the PCC Dual Credit program has experienced an overwhelming demand of new course requests from partnering high schools. The PCC Dual Credit program had a record 163 new courses approved taught by 86 new high school faculty during the 2014-15 school. This is up 81% over last year in new courses approved, and 110% increase in new faculty approved.

## NEW PCC DUAL CREDIT APPROVALS



## CURRENTLY APPROVED HIGH SCHOOL FACULTY ADDED NEW COURSES





# THE LAST FIVE YEARS OF DUAL CREDIT

The charts below are a five-year summary of the overall student participation in the PCC Dual Credit program (combined Career & Technical Education and Lower Division Credit).

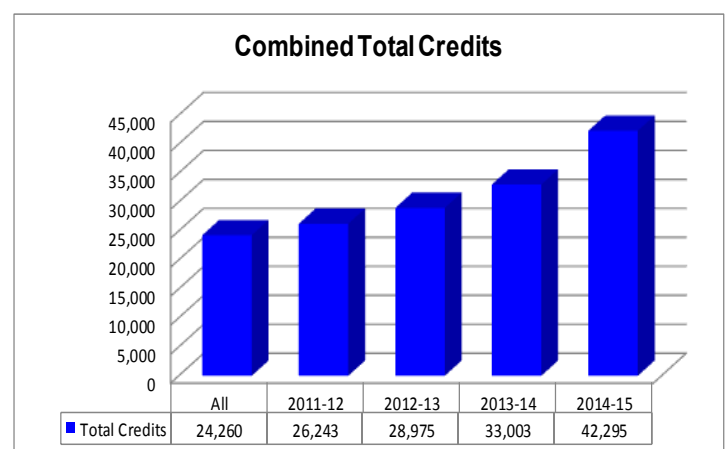
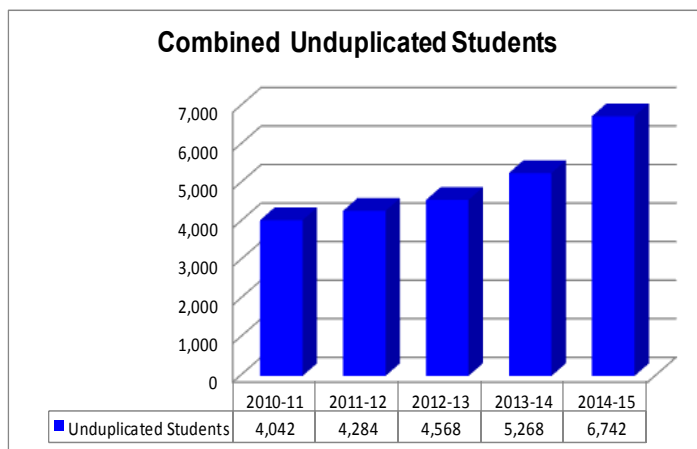
Currently there are 54 high schools articulating PCC Dual Credit. In 2014-15, the PCC Dual Credit program registered 6,742 students who earned 42,295 PCC credits.

As a student of the PCC Dual Credit program, students were not charged tuition or fees. This was a savings to students (and their families) of \$3,891,140 in PCC tuition. The PCC Dual Credit program generated approximately 1,251 FTE for PCC from the state of Oregon.

SCHOOL YEAR	FACULTY	UNDUPLICATED STUDENTS*	TOTAL CREDITS	TUITION SAVINGS**
2010-11	167	4,042	24,260	\$1,843,760
2011-12	149	4,284	26,243	\$2,073,197
2012-13	149	4,568	28,975	\$2,375,950
2013-14	165	5,268	33,003	\$2,904,264
<b>2014-15</b>	<b>230</b>	<b>6,742</b>	<b>42,295</b>	<b>\$3,891,140</b>

\*Total number of individual students who received PCC Dual Credit.

\*\*Savings to students equals the total value of credits at \$92 per credit.



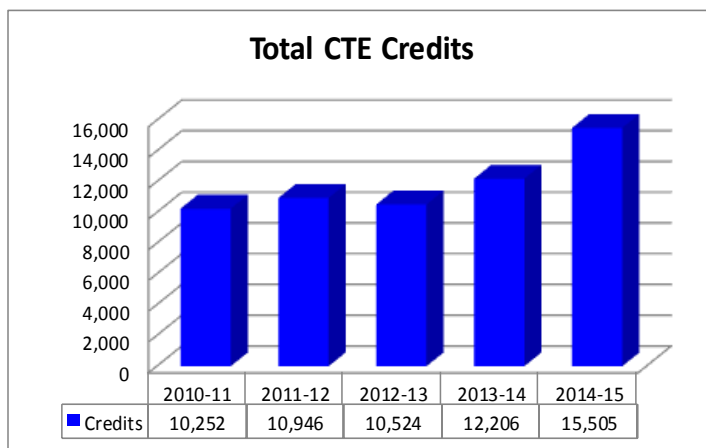
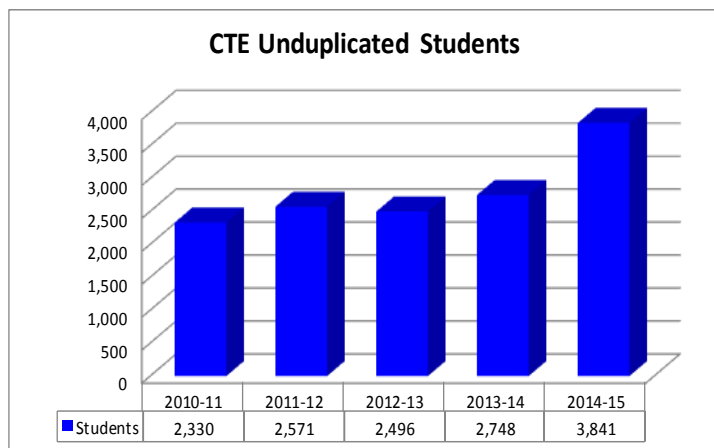
**T**here were 3,824 Career & Technical Education (CTE) high school students who earned PCC Dual Credit during the 2014-15 school year, giving them a jump start on their post-secondary education. These students earned 15,505 PCC credits in 25 CTE program areas.

## THE LAST FIVE YEARS OF CTE

SCHOOL YEAR	NUMBER OF HIGH SCHOOLS	FACULTY	UNDUPLICATED STUDENTS*	TOTAL CREDITS	CREDIT VALUE**
2010-11	37	99	2,330	10,252	\$779,152
2011-12	35	106	2,571	10,946	\$864,734
2012-13	30	74	2,496	10,524	\$862,968
2013-14	36	86	2,847	12,206	\$1,074,128
<b>2014-15</b>	<b>42</b>	<b>108</b>	<b>3,824</b>	<b>15,505</b>	<b>\$1,426,460</b>

\*Total number of individual students who received PCC Dual Credit for CTE.

\*\*Credit value is equal to total value of tuition at \$92 per credit.



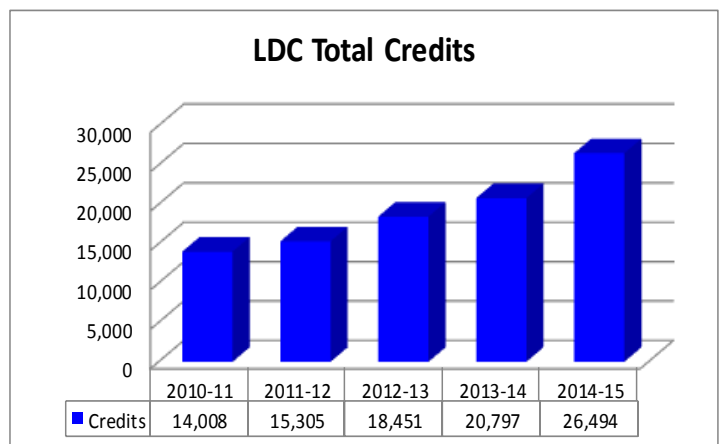
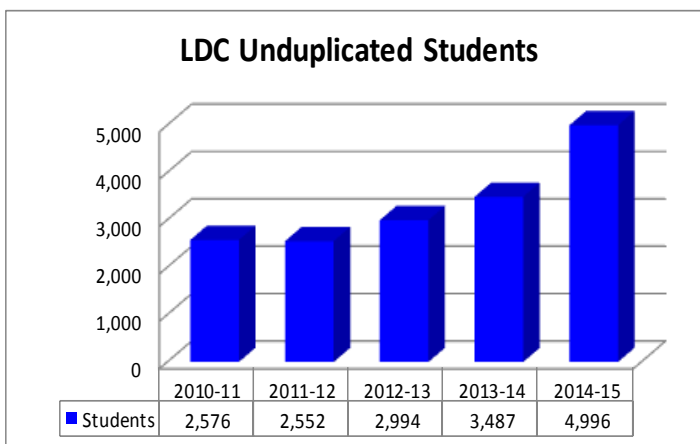
There were 4,996 Lower Division Credit (LDC) high school students who earned PCC Dual Credit during the 2014-15 school year, giving them a jump start on their post-secondary education. These students earned 26,494 PCC credits in 23 LDC program areas.

## THE LAST FIVE YEARS OF LDC

SCHOOL YEAR	NUMBER OF HIGH SCHOOLS	FACULTY	UNDUPLICATED STUDENTS*	TOTAL CREDITS	CREDIT VALUE**
2010-11	33	68	2,576	14,008	\$1,064,608
2011-12	31	82	2,552	15,305	\$1,209,095
2012-13	33	81	2,994	18,451	\$1,512,982
2013-14	37	95	3,487	20,797	\$1,830,136
<b>2014-15</b>	<b>37</b>	<b>113</b>	<b>4,996</b>	<b>26,494</b>	<b>\$2,437,448</b>

\*Total number of individual students who received PCC Dual Credit for LDC.

\*\*Credit value is equal to total value of tuition at \$92 per credit.



# TUITION SAVINGS AND DIRECT COST TO STUDENTS

SCHOOL	UNDUPLICATED STUDENTS*	TOTAL CREDITS	TUITION SAVINGS**
ACE Academy	16	47	\$4,324
Alliance High School at Meek Campus	3	6	\$552
Aloha High School	236	2,063	\$189,796
Arts & Communications Magnet Academy	0	0	\$0
Banks High School	35	228	\$20,976
Beaverton High School	334	1,323	\$121,716
Beaverton School District Options Program	165	1,032	\$94,944
Benson High School	105	1,201	\$110,492
Canby High School	64	195	\$17,940
Central Catholic High School	317	2,093	\$192,556
Century High School	259	739	\$67,988
Clark County Skills Center	67	546	\$50,232
Douglas High School	3	9	\$828
Early College High School	203	590	\$54,280
Forest Grove High School	321	2,000	\$184,000
Franklin High School	510	2,597	\$238,924
Gaston High School	56	203	\$18,676
Glencoe High School	263	1,633	\$150,236
Grant High School	317	2,645	\$243,340
Health & Science High School	22	215	\$19,780
Hillsboro High School	149	949	\$87,308
Horizon Christian High School	40	376	\$34,592
Jefferson High School	146	614	\$56,488
Jesuit High School	84	388	\$35,696
Lake Oswego High School	14	41	\$3,772
Lakeridge High School	164	1,319	\$121,348
Liberty High School	314	2,009	\$184,828
Life Christian School	15	80	\$7,360
Madison High School	302	1,557	\$143,244
McMinnville High School	0	0	\$0

SCHOOL	UNDUPLICATED STUDENTS*	TOTAL CREDITS	TUITION SAVINGS**
Merlo Station High School	27	102	\$9,384
Newberg High School	240	1,854	\$170,568
North Salem High School	90	192	\$17,664
Portland Youth Builders	7	57	\$5,244
Rex Putnam High School	32	128	\$11,776
Riverdale High School	19	76	\$6,992
Roosevelt High School	87	496	\$45,632
Rosemary Anderson High School	45	232	\$21,344
Sabin-Schellenberg Center	50	174	\$16,008
Scappoose High School	17	34	\$3,128
Sherwood High School	617	5,782	\$504,804
South Albany High School	18	53	\$4,876
South Umpqua High School	5	25	\$2,300
Southridge High School	142	534	\$49,128
St Helens High School	77	312	\$28,704
Sunset High School	60	306	\$28,152
Tigard High School	296	3,138	\$288,696
Trillium Charter School	4	35	\$3,220
Tualatin High School	150	812	\$74,704
Valley Catholic High School	14	168	\$15,456
Vernonia High School	6	36	\$3,312
Westview High School	58	263	\$24,196
Wilson High School	110	414	\$38,088
Wilsonville High School	26	79	\$7,268
<b>Totals</b>	<b>6,722</b>	<b>42,004</b>	<b>\$3,864,368</b>

\*Total number of individual students who received PCC Dual Credit.

\*\*Savings to students equals the total value of tuition \$92 per credit.

### STUDENT ACHIEVEMENTS

Of the 6,481 students who registered for PCC Dual Credit for 2014-15

- 1,546 students earned, to date, between 9 and 19 PCC credits.
- 140 students earned, to date, more than 19 PCC credits.

# ENROLLMENT BY PCC SUBJECT AREA

PCC PROGRAM AREA	NUMBER OF HIGH SCHOOLS	FACULTY	UNDUPLICATED STUDENTS	TOTAL CREDITS ENROLLED
American Sign Language (ASL)	1	1	113	452
Anthropology (ATH)	1	1	40	160
Architectural Design & Drafting (ARCH)	6	6	64	243
Art (ART)	4	4	52	156
Automotive Service Technology (AM)	7	6	78	724
Biology (BI)	11	13	580	4,456
Building Construction Technology (BCT)	14	15	336	1,290
Business Administration (BA)	3	4	107	428
Chemistry (CH)	1	1	57	285
College Success & Career Guidance (CG)	11	16	476	1,111
Computer Aided Design & Drafting (CADD)	9	9	195	936
Computer Applications Systems (CAS)	16	23	1,185	4,640
Computer Information Systems (CIS)	2	2	28	116
Computer Science (CS)	1	1	86	344
Criminal Justice (CJA)	1	1	67	546
Crop Soil Science (CSS)	1	1	0	0
Dance (D)	3	5	101	199
Early Education & Family Studies (ECE)	8	8	237	725
Economics (EC)	1	1	12	48
Education (ED)	3	3	26	114
Electrical Trades (ELT)	1	1	8	48
Emergency Medical Services (EMS)	1	1	36	108
Engineering (ENGR)	8	8	106	106
English (ENG)	7	7	205	924
Environmental Studies (ESR)	5	5	47	256
Fire Protection (FP)	2	4	58	300



PCC PROGRAM AREA	NUMBER OF HIGH SCHOOLS	FACULTY	UNDUPLICATED STUDENTS	TOTAL CREDITS ENROLLED
French (FR)	2	2	11	124
General Science (GS)	2	2	23	92
German (GER)	1	1	27	176
Health Studies (HE)	4	6	173	482
History (HST)	3	4	374	3,472
Journalism (J)	1	1	3	12
Landscape Technology (LAT)	4	4	101	395
Machine Manufacturing Technology (MCH)	7	8	289	1,338
Management & Supervisory Dev. (MSD)	2	3	273	972
Mathematics (MTH)	17	35	1,388	9,775
Medical Professions (MP)	8	12	196	784
Multimedia (MM)	6	6	74	352
Music (MUS)	3	3	43	49
Philosophy (PHL)	1	1	16	72
Physics (PHY)	1	1	13	84
Psychology (PSY)	1	1	135	596
Reading (RD)	4	6	134	531
Religious Studies (R)	1	1	31	124
Spanish (SPA)	6	6	267	1,558
Theatre Arts (TA)	3	3	96	387
Welding (WLD)	6	6	48	241
Writing (WR)	9	11	406	1,668

**In 2014-15, PCC Dual Credit involved 23 School Districts, including:**

- 9 Independent and 54 Public High Schools
- 230 Articulating Faculty Members
- 270 Articulation Agreements
- 48 PCC Program Areas

# ARTICULATION DETAILS

The Articulation Details section of this report describes enrollment information on articulated programs offered at each school or site. The following pages list all active articulation agreements for the 2014-15 school year, the total number of credits earned, and how many students registered for each course (represented here as duplicated students).

<b>16</b>	ACE Charter Academy	<b>50</b>	Life Christian School
<b>17</b>	Alliance High School at Meek Campus	<b>51</b>	Madison High School
<b>18-19</b>	Aloha High School	<b>52</b>	McMinnville High School
<b>20</b>	Arts & Communication Magnet Academy	<b>53</b>	Merlo Station High School
<b>21</b>	Banks High School	<b>54-55</b>	Newberg High School
<b>22-23</b>	Beaverton High School	<b>56</b>	North Salem High School
<b>24</b>	Beaverton School District Options Program	<b>57</b>	Portland YouthBuilders
<b>25-26</b>	Benson High School	<b>58</b>	Rex Putnam High School
<b>27</b>	Canby High School	<b>59</b>	Riverdale High School
<b>28</b>	Central Catholic High School	<b>60</b>	Roosevelt High School
<b>29</b>	Century High School	<b>61</b>	Rosemary Anderson High School
<b>30</b>	Clark County Skills Center	<b>62</b>	Sabin-Schellenberg Center
<b>31</b>	Douglas High School	<b>63</b>	Scappoose High School
<b>32</b>	Early College High School	<b>64-66</b>	Sherwood High School
<b>33-34</b>	Forest Grove High School	<b>67</b>	South Albany High School
<b>35-36</b>	Franklin High School	<b>68</b>	South Umpqua High School
<b>37</b>	Gaston High School	<b>69</b>	Southridge High School
<b>38-39</b>	Glencoe High School	<b>70</b>	St. Helens High School
<b>40</b>	Grant High School	<b>71</b>	Sunset High School
<b>41</b>	Health & Science High School	<b>72</b>	Tigard High School
<b>42</b>	Hillsboro High School	<b>73</b>	Trillium Charter School
<b>43</b>	Horizon Christian High School	<b>74</b>	Tualatin High School
<b>44</b>	Jefferson High School	<b>75</b>	Valley Catholic High School
<b>45</b>	Jesuit High School	<b>76</b>	Vernonia High School
<b>46</b>	Lake Oswego High School	<b>77</b>	Westview High School
<b>47</b>	Lakeridge High School	<b>78</b>	Wilson High School
<b>48-49</b>	Liberty High School	<b>79</b>	Wilsonville High School

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### ACE Charter Academy

#### Spring Term 2015

##### Engineering

##### (Industrial and Engineering)

ENGR 100	Exploring Engineering (1)	Engineering Principles	Randy Scott	15	15
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##### Machine Manufacturing Technology

##### (Industrial and Engineering)

MCH 291	Laser Cutting and Engraving Fundamentals (1)	Engineering II	Randy Scott	14	14
MCH 292	FDM Additive Manufacturing Fundamentals Orientation (1.5)	Engineering II	Randy Scott	9	13.5
MCH 294	3 Dimensional Digital Laser Scanning Fundamentals (1.5)	Engineering II	Randy Scott	3	4.5

<b>Summary for ACE Charter Academy:</b>	<b>41</b>	<b>47</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Alliance High School at Meek Campus</b>					
<b>Spring Term 2015</b>					
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 106	Introduction to X/HTML (1)	Introduction to X/HTML	Amy Taramasso	2	2
CAS 111D	Beginning Website Creation: Dreamweaver (3)	Arts & Communication II	Amy Taramasso	0	0
<b>Environmental Studies</b>		<b>(Natural Resource Systems)</b>			
ESR 171	Environmental Science: Biological Perspectives (4)	Environmental Science-Biological Perspective ESR 171	Misty Scevola	0	0
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 100	Machine Tool Basics (1)	Machining A	Paul Reetz	0	0
MCH 120	Machine Shop Math (2)	Machining F	Paul Reetz	0	0
MCH 135	Basic Measuring Tools (1.5)	Machining B	Paul Reetz	0	0
MCH 145	Layout Tools (1.5)	Machining F	Paul Reetz	0	0
MCH 150	Precision Measuring Tools (1.5)	Machining F	Paul Reetz	0	0
MCH 180	Turning Machines and Operations (4)	Machining B	Paul Reetz	0	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Machining F	Paul Reetz	0	0
MCH 290	Mastercam Fundamentals Orientation (1)	Machining Projects	Paul Reetz	0	0
MCH 293	CNC Router Fundamentals Orientation (1)	Machining Projects	Paul Reetz	0	0
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding A-B	Paul Reetz	1	4
WLD 112	SMAW: Mild Steel I (E7018) (4)	Welding C-D	Paul Reetz	0	0
WLD 113	SMAW: Mild Steel II (E7018) (4)	Welding E-F	Paul Reetz	0	0
WLD 131	Gas Metal Arc Welding (3)	Welding K-L	Paul Reetz	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Welding O-P	Paul Reetz	0	0
<b>Not Offered</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>			
AM 100	Introduction to Automotive Systems (4)	AS I, Auto Orientation	John Billups	0	0
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 101	Biology (4)	Biology	Misty Scevola	0	0
BI 102	Biology (4)	Biology	Misty Scevola	0	0
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 114	SMAW: Mild Steel III (E6011) (3)	Welding G-H	Paul Reetz	0	0
<b>Summary for Alliance High School at Meek Campus:</b>				<b>3</b>	<b>6</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)	(Career Pathway) High School Course Title	Instructor	Duplicated Students	Total Credits
<b>Aloha High School</b>				
<b>Winter Term 2015</b>				
<b>Automotive Service Technology</b>	<b>(Industrial and Engineering)</b>			
AM 100 Introduction to Automotive Systems (4)	Automotive Technology I	Louise Drow	0	0
<b>Computer Aided Design &amp; Drafting</b>	<b>(Industrial and Engineering)</b>			
CADD 126 Introduction to AutoCAD (3)	Drafting I - AutoCAD	Dennis Larsen	32	96
CADD 160 Drafting Fundamentals (4)	Drafting I - AutoCAD	Dennis Larsen	32	128
CADD 165 Intermediate Drafting (4)	Drafting II - Advanced AutoCAD	Dennis Larsen	12	48
<b>Health Studies</b>	<b>(Health Services)</b>			
HE 252 First Aid - Basics and Beyond (4)	First Aid Basics and Beyond	Michael Halbrook	13	52
<b>Mathematics</b>	<b>(Lower Division Credit)</b>			
MTH 111 College Algebra (5)	Trigonometry and Pre-Calc	Dave Ford	24	120
MTH 243 Statistics I (5)	AP Statistics	Taylor Austad	67	335
<b>Spring Term 2015</b>				
<b>Architectural Design &amp; Drafting</b>	<b>(Industrial and Engineering)</b>			
ARCH 101 Introduction to Residential Design (3)	Architecture Design I - Residential	Dennis Larsen	19	57
ARCH 111 Introduction to Residential Construction Documents (3)	Architecture Design I - Residential	Dennis Larsen	11	33
<b>Automotive Service Technology</b>	<b>(Industrial and Engineering)</b>			
AM 100 Introduction to Automotive Systems (4)	Automotive Technology I	Louise Drow	0	0
AM 151 Undercar Systems I (4)	Undercar Systems I	Louise Drow	0	0
<b>Biology</b>	<b>(Lower Division Credit)</b>			
BI 101 Biology (4)	AP Biology	Coleen Swihart	32	128
BI 102 Biology (4)	AP Biology	Coleen Swihart	32	128
BI 103 Biology (4)	AP Biology	Coleen Swihart	32	128
<b>Computer Aided Design &amp; Drafting</b>	<b>(Industrial and Engineering)</b>			
CADD 126 Introduction to AutoCAD (3)	Drafting I - AutoCAD	Dennis Larsen	13	39
CADD 160 Drafting Fundamentals (4)	Drafting I - AutoCAD	Dennis Larsen	12	48
CADD 165 Intermediate Drafting (4)	Drafting II - Advanced AutoCAD	Dennis Larsen	16	64
<b>Environmental Studies</b>	<b>(Natural Resource Systems)</b>			
ESR 171 Environmental Science: Biological Perspectives (4)	AP Environmental Science	Sara Trakselis	19	76
<b>German</b>	<b>(Lower Division Credit)</b>			
GER 101 First Year German (4)	German 1A and 1B	Katja Freeborn	19	76
GER 102 First Year German (4)	German 2A and 2B	Katja Freeborn	17	68
GER 103 First Year German (4)	German 3A and 3B	Katja Freeborn	8	32

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits
<b>Mathematics</b>				
	<b>(Lower Division Credit)</b>			
MTH 95 Intermediate Algebra (4)	Algebra II	Melissa Pettitt	0	0
MTH 112 Elementary Functions (5)	Pre-Calc	Dave Ford	23	115
MTH 244 Statistics II (4)	AP Statistics	Taylor Austad	52	208
<b>Spanish</b>				
	<b>(Lower Division Credit)</b>			
SPA 101 First Year Spanish: First Term (4)	Spanish IV/V	Enrique Abad	21	84

### Not Offered

#### Automotive Service Technology

#### (Industrial and Engineering)

AM 161 Electrical Systems I (4)	Automotive Technology II	Louise Drow	0	0
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**Summary for Aloha High School:**

**506 2,063**



## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

### Arts & Communication Magnet Academy

#### Spring Term 2015

Dance		(Arts & Communications)				
D 130A	Modern Dance I (1)	Intermediate Dance	Julane Stites	0	0	
D 130B	Modern Dance I (1)	Intermediate Dance	Julane Stites	0	0	
D 131A	Modern Dance II (1)	Intermediate Dance	Julane Stites	0	0	
D 131B	Modern Dance II (1)	Advanced Dance	Julane Stites	0	0	
D 150	Jazz Dance I (1)	Beginning Dance	Felice Moskowitz	0	0	
D 151	Jazz Dance II (1)	Intermediate Dance	Felice Moskowitz	0	0	
D 190A	Ballet I (1)	Beginning Dance	Felice Moskowitz	0	0	
D 190B	Ballet I (1)	Beginning Dance	Felice Moskowitz	0	0	
D 191A	Ballet II (1)	Intermediate Dance	Felice Moskowitz	0	0	
D 191B	Ballet II (1)	Intermediate Dance	Felice Moskowitz	0	0	
D 209	Dance Performance (1)	Dance Performance	Julane Stites	0	0	
D 230A	Modern Dance III (1)	Advanced Dance	Julane Stites	0	0	
D 230B	Modern Dance III (1)	Advanced Dance	Julane Stites	0	0	
D 252	Jazz Dance III (1)	Advanced Dance	Julane Stites	0	0	
D 290A	Ballet III (1)	Intermediate Dance	Julane Stites	0	0	
D 290B	Ballet III (1)	Intermediate Dance	Julane Stites	0	0	

Mathematics		(Lower Division Credit)				
MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Ian Walker	0	0	

#### Not Offered

Dance		(Arts & Communications)				
D 130A	Modern Dance I (1)	Intermediate Dance	Felice Moskowitz	0	0	
D 130B	Modern Dance I (1)	Intermediate Dance	Felice Moskowitz	0	0	
D 131A	Modern Dance II (1)	Intermediate Dance	Felice Moskowitz	0	0	
D 131B	Modern Dance II (1)	Advanced Dance	Felice Moskowitz	0	0	
D 209	Dance Performance (1)	Dance Performance	Felice Moskowitz	0	0	
D 230A	Modern Dance III (1)	Advanced Dance	Felice Moskowitz	0	0	
D 230B	Modern Dance III (1)	Advanced Dance	Felice Moskowitz	0	0	
D 252	Jazz Dance III (1)	Advanced Dance	Felice Moskowitz	0	0	
D 290A	Ballet III (1)	Intermediate Dance	Felice Moskowitz	0	0	
D 290B	Ballet III (1)	Intermediate Dance	Felice Moskowitz	0	0	

<b>Summary for Arts &amp; Communication Magnet Academy:</b>	<b>0</b>	<b>0</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)		(Career Pathway) High School Course Title	Instructor	Duplicated Students	Total Credits
<b>Banks High School</b>					
<b>Winter Term 2015</b>					
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 101	Biology (4)	Advanced AP Biology	Carol Pallett	12	48
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>			
LAT 106	Basic Horticulture (4)	Horticulture	Tim Eggleston	7	28
<b>Reading</b>		<b>(Lower Division Credit)</b>			
RD 115	College Reading (4)	College Reading	Robert Plowman	24	96
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding II	Tim Eggleston	2	8
<b>Spring Term 2015</b>					
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 102	Biology (4)	Advanced AP Biology	Carol Pallett	12	48
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>			
LAT 106	Basic Horticulture (4)	Horticulture	Tim Eggleston	0	0
<b>Summary for Banks High School:</b>				<b>57</b>	<b>228</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

### Beaverton High School

#### Winter Term 2015

##### Architectural Design & Drafting

##### (Industrial and Engineering)

ARCH 111	Introduction to Residential Construction Documents (3)	Drafting & Design II	Paul Webb	7	21
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##### Computer Aided Design & Drafting

##### (Industrial and Engineering)

CADD 126	Introduction to AutoCAD (3)	Drafting & Design II	Paul Webb	7	21
CADD 160	Drafting Fundamentals (4)	Drafting & Design I	Paul Webb	16	64

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications II	Paul Webb	17	17
CAS 118	Beginning Photoshop (3)	Computer Graphics I	Casi Yost	15	45
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications I	Paul Webb	8	32
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications	Casi Yost	58	232
CAS 170A	Beginning Excel (1)	Computer Applications II	Paul Webb	17	17
CAS 216A	Beginning Word (1)	Computer Applications II	Paul Webb	17	17

##### Management and Supervisory Development

##### (Business & Management)

MSD 101	Principles of Management and Supervision (3)	Business Leadership - The Pond	Emily Ramberg	22	66
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#### Spring Term 2015

##### Architectural Design & Drafting

##### (Industrial and Engineering)

ARCH 111	Introduction to Residential Construction Documents (3)	Drafting & Design II	Paul Webb	5	15
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##### Computer Aided Design & Drafting

##### (Industrial and Engineering)

CADD 126	Introduction to AutoCAD (3)	Drafting & Design II	Paul Webb	5	15
CADD 160	Drafting Fundamentals (4)	Drafting & Design I	Paul Webb	8	32

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 106	Introduction to X/HTML (1)	Web Design I	Paul Webb	1	1
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Paul Webb	2	2
CAS 118	Beginning Photoshop (3)	Computer Graphics I	Casi Yost	12	36
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications	Casi Yost	34	136
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications I	Paul Webb	0	0
CAS 170A	Beginning Excel (1)	Computer Applications II	Paul Webb	2	2
CAS 216A	Beginning Word (1)	Computer Applications II	Paul Webb	2	2
CAS 220	Project Management - Beginning MS Project (3)	Project Management - Beginning MS Project	Kathryn Robinson	35	105

##### Engineering

##### (Industrial and Engineering)

ENGR 100	Exploring Engineering (1)	STEM Physics	Heather Meiring	10	10
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## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits
<b>Management and Supervisory Development</b>		<b>(Human Resources)</b>		
MSD 121 Leadership Skill Development (3)	Marketing Seminar	Kathryn Robinson	18	54
MSD 123 Job Search Strategies (1)	Marketing Seminar	Kathryn Robinson	17	17
MSD 123A Innovation and New Products (1)	Marketing I	Kathryn Robinson	71	71
MSD 123A Innovation and New Products (1)	Marketing I	Emily Ramberg	72	72
MSD 160A Communication Styles (1)	Marketing Seminar	Kathryn Robinson	17	17
MSD 174 Time Management (1)	Marketing Seminar	Kathryn Robinson	17	17
MSD 180A Goal Setting and Productivity (1)	Sports and Event Marketing	Kathryn Robinson	34	34
MSD 194 Effective Presentation Skills (1)	Marketing Seminar	Kathryn Robinson	17	17
MSD 279 Intro to Project Management (4)	Sports and Event Marketing	Kathryn Robinson	34	136

### Not Offered

<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>		
CAS 109 Beginning PowerPoint (1)	Computer Applications II	Kathryn Robinson	0	0
CAS 109 Beginning PowerPoint (1)	Computer Applications II	Emily Ramberg	0	0
CAS 118 Beginning Photoshop (3)	Computer Graphics I	Kathryn Robinson	0	0
CAS 118 Beginning Photoshop (3)	Computer Graphics I	Paul Webb	0	0
CAS 133 Basic Computer Skills/Microsoft Office (4)	Computer Applications I	Emily Ramberg	0	0
CAS 133 Basic Computer Skills/Microsoft Office (4)	Computer Applications I	Kathryn Robinson	0	0
CAS 170A Beginning Excel (1)	Computer Applications II	Kathryn Robinson	0	0
CAS 170A Beginning Excel (1)	Computer Applications II	Emily Ramberg	0	0
CAS 216A Beginning Word (1)	Computer Applications II	Kathryn Robinson	0	0
CAS 216A Beginning Word (1)	Computer Applications II	Emily Ramberg	0	0
CAS 232 Desktop Publishing: InDesign (3)	Computer Graphics II	Kathryn Robinson	0	0
CAS 232 Desktop Publishing: InDesign (3)	Computer Graphics II	Paul Webb	0	0

<b>Summary for Beaverton High School:</b>	<b>597</b>	<b>1,323</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Beaverton School District Options Program</b>					
<b>Spring Term 2015</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>			
AM 100	Introduction to Automotive Systems (4)	Automotive Technology I & II - First Year	Louise Drow	20	80
AM 151	Undercar Systems I (4)	Automotive Technology I & II - First and Second Year	Louise Drow	25	100
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 121	Introduction of Human Anatomy and Physiology (4)	Human Anatomy and Physiology	Ron Romanick	28	112
BI 122	Introduction to Human Anatomy and Physiology II (4)	Human Anatomy and Physiology	Ron Romanick	0	0
<b>College Success and Career Guidance</b>		<b>(Lower Division Credit)</b>			
CG 130H	Introduction to Today's Careers: Health (2)	Intro to Today's Careers: Health	Paula Jacobs	48	96
CG 130H	Introduction to Today's Careers: Health (2)	Intro to Today's Careers: Health	Ron Romanick	12	24
CG 130H	Introduction to Today's Careers: Health (2)	Intro to Today's Careers: Health	Matt Bayha	38	76
<b>Health Studies</b>		<b>(Health Services)</b>			
HE 252	First Aid - Basics and Beyond (4)	Health Careers	Paula Jacobs	80	320
<b>Medical Professions</b>		<b>(Health Services)</b>			
MP 111	Medical Terminology (4)	Health Careers I and Advanced Health Careers Medical Terminology	Andrea Ellis	32	128
MP 111	Medical Terminology (4)	Health Careers I and Advanced Health Careers Medical Terminology	Matt Bayha	22	88
MP 111	Medical Terminology (4)	Health Careers I and Advanced Health Careers Medical Terminology	Paula Jacobs	0	0
MP 111	Medical Terminology (4)	Health Careers I and Advanced Health Careers Medical Terminology	Ron Romanick	2	8
<b>Not Offered</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>			
AM 161	Electrical Systems I (4)	Automotive I & II - Second Year	Louise Drow	0	0
<b>Health Studies</b>		<b>(Health Services)</b>			
HE 252	First Aid - Basics and Beyond (4)	Health Careers	Matt Bayha	0	0
<b>Summary for Beaverton School District Options Program:</b>				<b>307</b>	<b>1,032</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Benson High School</b>					
<b>Winter Term 2015</b>					
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 100	Machine Tool Basics (1)	Manufacturing IV	Barth Clooten	7	7
MCH 135	Basic Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	7	10.5
MCH 145	Layout Tools (1.5)	Manufacturing IV	Barth Clooten	7	10.5
MCH 160	Drilling Machines and Operations (2)	Manufacturing IV	Barth Clooten	7	14
<b>Spring Term 2015</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>			
AM 100	Introduction to Automotive Systems (4)	Automotive IV	Brett Anderson	35	140
AM 111	Engine Repair (4)	Automotive IV	Brett Anderson	35	140
AM 161	Electrical Systems I (4)	Automotive IV	Brett Anderson	35	140
<b>Building Construction Technology</b>		<b>(Industrial and Engineering)</b>			
BCT 102	Residential Printreading (3)	Building Construction III - Juniors	Luke Hotchkiss	10	30
BCT 104	Construction Math (3)	Building Construction III - Juniors	Luke Hotchkiss	8	24
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Building Construction III - Juniors	Luke Hotchkiss	11	33
BCT 120	Floor Framing (3)	Building Construction IV - Seniors	Luke Hotchkiss	0	0
BCT 121	Wall Framing (3)	Building Construction IV - Seniors	Luke Hotchkiss	0	0
BCT 128	Exterior Finish (6)	Building Construction IV - Seniors	Luke Hotchkiss	9	54
BCT 203	Interior Finish (6)	Building Construction IV - Seniors	Luke Hotchkiss	0	0
BCT 216	Cabinetry I (2)	Building Construction IV - Seniors	Luke Hotchkiss	4	8
BCT 217	Cabinetry II (2)	Building Construction IV - Seniors	Luke Hotchkiss	1	2
BCT 218	Woodworking Projects (2)	Building Construction IV - Seniors	Luke Hotchkiss	4	8
BCT 226	Finish Carpentry (2)	Building Construction IV - Seniors	Luke Hotchkiss	4	8
<b>Electrical Trades</b>		<b>(Industrial and Engineering)</b>			
ELT 110	Electricity for the Non-Electrician (2)	Electrical III	Tim Hryciw	8	16
ELT 125	Basic Programmable Logical Controls (2)	Electrical IV	Tim Hryciw	8	16
ELT 201	Electrical Motor Control (2)	Electrical IV	Tim Hryciw	8	16
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 100	Machine Tool Basics (1)	Manufacturing IV	Barth Clooten	0	0
MCH 105	Blueprint Reading I (1.5)	Manufacturing IV	Barth Clooten	9	13.5
MCH 110	Blueprint Reading II (1.5)	Manufacturing IV	Barth Clooten	9	13.5
MCH 120	Machine Shop Math (2)	Manufacturing IV	Barth Clooten	9	18
MCH 123	Sheet Metal Fabrication (4)	Manufacturing III	Barth Clooten	15	60
MCH 125	Speeds and Feeds (1)	Manufacturing IV	Barth Clooten	9	9
MCH 135	Basic Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	0	0
MCH 145	Layout Tools (1.5)	Manufacturing IV	Barth Clooten	0	0
MCH 150	Precision Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	9	13.5
MCH 160	Drilling Machines and Operations (2)	Manufacturing IV	Barth Clooten	0	0
MCH 180	Turning Machines and Operations (4)	Manufacturing IV	Barth Clooten	8	32
MCH 205	Vertical Milling Machine and Operations (3.5)	Manufacturing IV	Barth Clooten	8	28
MCH 272	Mastercam Level I (5)	Manufacturing III	Barth Clooten	11	55



## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits
<b>Medical Professions</b>		<b>(Health Services)</b>			
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Sally Niedermeyer	12	48
MP 111	Medical Terminology (4)	Medical Terminology	Nicole Kennedy	0	0
<b>Multimedia</b>		<b>(Arts &amp; Communications)</b>			
MM 230	Graphics for Multimedia (4)	DMP 4 Media Design	Cathy Skach	16	64
MM 260	Video Production I (4)	DMP 4 Video	Cathy Skach	16	64
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Manufacturing III	Barth Clooten	15	60
WLD 271	Oxy-acetylene Welding Projects (3)	Manufacturing III	Barth Clooten	15	45

### Not Offered

#### Building Construction Technology

#### (Industrial and Engineering)

BCT 102	Residential Printreading (3)	Building Construction III - Juniors	Richard Weber	0	0
BCT 104	Construction Math (3)	Building Construction III - Juniors	Richard Weber	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Building Construction III - Juniors	Richard Weber	0	0
BCT 120	Floor Framing (3)	Building Construction IV - Seniors	Richard Weber	0	0
BCT 121	Wall Framing (3)	Building Construction IV - Seniors	Richard Weber	0	0
BCT 128	Exterior Finish (6)	Building Construction IV - Seniors	Richard Weber	0	0
BCT 203	Interior Finish (6)	Building Construction IV - Seniors	Richard Weber	0	0
BCT 216	Cabinetry I (2)	Building Construction IV - Seniors	Richard Weber	0	0
BCT 217	Cabinetry II (2)	Building Construction IV - Senior	Richard Weber	0	0
BCT 218	Woodworking Projects (2)	Building Construction IV - Seniors	Richard Weber	0	0
BCT 226	Finish Carpentry (2)	Building Construction IV - Seniors	Richard Weber	0	0

#### Computer Applications and Office Systems

#### (Business & Management)

CAS 206	Principles of HTML (4)	Comm 4 Photo/Web Design	Jeanette Pelster	0	0
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**Summary for Benson High School:**

**369      1,201**

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Canby High School

#### Fall Term 2014

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction I	Darren Monen	23	69
BCT 121	Wall Framing (3)	Construction III	Darren Monen	0	0

#### Winter Term 2015

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction I	Darren Monen	22	66
BCT 121	Wall Framing (3)	Construction III	Darren Monen	0	0

#### Spring Term 2015

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 100	Overview to the Construction Industry (3)	Overview of the Construction Industry	Darren Monen	0	0
BCT 102	Residential Printreading (3)	Construction I	Darren Monen	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction I	Darren Monen	0	0
BCT 121	Wall Framing (3)	Construction III	Darren Monen	0	0

##### Computer Aided Design & Drafting

##### (Industrial and Engineering)

CADD 126	Introduction to AutoCAD (3)	CAD I	Jeffrey Hart	20	60
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#### Summary for Canby High School:

**65      195**

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Central Catholic High School

#### Winter Term 2015

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 133	Basic Computer Skills/Microsoft Office (4)	Integrated Computer Applications/Microsoft Office	Nancy Peterson	82	328
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##### Music

##### (Arts & Communications)

MUS 220A	Chorus (1)	Concert Choir	Christopher McLean	1	1
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#### Spring Term 2015

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 133	Basic Computer Skills/Microsoft Office (4)	Integrated Computer Applications/Microsoft Office	Nancy Peterson	95	380
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##### English

##### (Lower Division Credit)

ENG 104	Introduction to Literature (Fiction) (4)	AP English	Arin Wallenius	27	108
ENG 106	Introduction to Literature (Poetry) (4)	AP English	Arin Wallenius	26	104
WR 121	English Composition (4)	English IV	Liz Danek	19	76
WR 121	English Composition (4)	English IV	Taren Taylor	48	192

##### Mathematics

##### (Lower Division Credit)

MTH 243	Statistics I (5)	Statistics	Pamela Boardman	77	385
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##### Music

##### (Arts & Communications)

MUS 220B	Chorus (1)	Concert Choir	Christopher McLean	2	2
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##### Religious Studies

##### (Lower Division Credit)

R 210	World Religions (4)	Religion 4A	Aric Ward	31	124
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##### Spanish

##### (Lower Division Credit)

SPA 270A	Readings in Spanish Literature (Hispanic) (3)	Spanish 4/Composition and Culture	Angela Bergmann	30	90
SPA 271A	Readings in Spanish Literature (Women Writers) (3)	Spanish 4/Composition and Culture	Angela Bergmann	30	90
SPA 272A	Readings in Spanish Literature (Spain) (3)	Spanish 4/Composition and Culture	Angela Bergmann	28	84
SPA 290A	Spanish Composition (3)	Advanced Placement Spanish Language	Angela Bergmann	15	45
SPA 291A	Spanish Composition (3)	Advanced Placement Spanish Language	Angela Bergmann	15	45
SPA 292A	Spanish Composition (3)	Advanced Placement Spanish Language	Angela Bergmann	13	39

#### Not Offered

##### Music

##### (Arts & Communications)

MUS 220C	Chorus (1)	Concert Choir	Christopher McLean	0	0
MUS 220D	Chorus (1)	Concert Choir	Christopher McLean	0	0
MUS 220E	Chorus (1)	Concert Choir	Christopher McLean	0	0
MUS 220F	Chorus (1)	Concert Choir	Christopher McLean	0	0

**Summary for Central Catholic High School: 539 2,093**

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Century High School</b>					
<b>Winter Term 2015</b>					
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 133	Basic Computer Skills/Microsoft Office (4)	Basic Business and Computer Applications	Raya Nichols	38	152
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 296A	Rhino CAD Level I (2)	Drafting I	Tim Morley	41	82
MCH 297A	Rhino CAD Level II (2)	Drafting II	Tim Morley	19	38
<b>Spring Term 2015</b>					
<b>College Success and Career Guidance</b>		<b>(Lower Division Credit)</b>			
CG 105	Scholarships: \$\$ for College (2)	Financial Survival	Mason Wright	29	58
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 110	Introduction to Web Graphic Using Fireworks (1)	Web Design	Chris Winikka	1	1
CAS 133	Basic Computer Skills/Microsoft Office (4)	Basic Business and Computer Applications	Raya Nichols	18	72
CAS 181W	CMS Website Creation: WordPress (3)	Applied Web Design	Chris Winikka	0	0
CAS 206	Principles of HTML (4)	Web Design	Chris Winikka	2	8
<b>Early Education and Family Studies</b>		<b>(Human Resources)</b>			
ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I	Alia Laack	5	15
ECE 132	Early Childhood Field Work (2)	Child Services II	Alia Laack	8	16
<b>Health Studies</b>		<b>(Health Services)</b>			
HE 112	Standard First Aid & CPR/AED (1)	Anatomy & Physiology/Health Services I	Rachelle Carnes	0	0
HE 112	Standard First Aid & CPR/AED (1)	Anatomy & Physiology/Health Services I	Kristin Blomberg	65	65
HE 250	Personal Health (3)	Health I-II	Kristin Blomberg	15	45
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 290	Mastercam Fundamentals Orientation (1)	Drafting II	Tim Morley	0	0
MCH 291	Laser Cutting and Engraving Fundamentals (1)	Drafting I & II	Tim Morley	25	25
MCH 292	FDM Additive Manufacturing Fundamentals Orientation (1.5)	Drafting I & II	Tim Morley	2	3
MCH 293	CNC Router Fundamentals Orientation (1)	Drafting II	Tim Morley	0	0
MCH 294	3 Dimensional Digital Laser Scanning Fundamentals (1.5)	Drafting II	Tim Morley	2	3
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Matthew Loun	0	0
MTH 95	Intermediate Algebra (4)	Algebra II	Jeremy Conner	14	56
<b>Medical Professions</b>		<b>(Health Services)</b>			
MP 111	Medical Terminology (4)	Health Services II	Rachelle Carnes	25	100
<b>Summary for Century High School:</b>				<b>309</b>	<b>739</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Clark County Skills Center

#### Spring Term 2015

#### Criminal Justice

#### (Human Resources)

CJA 100	Professions in Criminal Justice (3)	Criminal Justice II	Tony Shaver	19	57
CJA 111	Introduction to Criminal Justice System - Police (3)	Criminal Justice I	Tony Shaver	48	144
CJA 112	Introduction to Criminal Justice System-Courts (3)	Criminal Justice I	Tony Shaver	48	144
CJA 113	Introduction to Criminal Justice System-Corrections (3)	Criminal Justice I	Tony Shaver	67	201

#### Summary for Clark County Skills Center:

**182      546**

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Douglas High School

#### Spring Term 2015

Building Construction Technology		(Industrial and Engineering)			
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woods II	Jason Daugherty	3	9
BCT 216	Cabinetry I (2)	Woods III	Jason Daugherty	0	0
Summary for Douglas High School:				3	9

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Early College High School

#### Fall Term 2014

College Success and Career Guidance		(Lower Division Credit)			
CG 101	College Survival and Success: Personal Responsibility (1)	College Survival and Success: Personal Responsibility	Maggie (Helen) Brown	43	43
CG 101	College Survival and Success: Personal Responsibility (1)	College Survival and Success: Personal Responsibility	James Lekas	19	19
CG 101	College Survival and Success: Personal Responsibility (1)	College Survival and Success: Personal Responsibility	Megan Brooke	30	30
CG 102	College Survival and Success: Goal Setting (1)	College Survival and Success: Goal Setting	James Lekas	19	19
CG 102	College Survival and Success: Goal Setting (1)	College Survival and Success: Goal Setting	Maggie (Helen) Brown	43	43
CG 102	College Survival and Success: Goal Setting (1)	College Survival and Success: Goal Setting	Megan Brooke	30	30
CG 140B	Career and Life Planning (2)	Career and Life Planning	James Lekas	23	46

#### Winter Term 2015

College Success and Career Guidance		(Lower Division Credit)			
CG 101	College Survival and Success: Personal Responsibility (1)	College Survival and Success: Personal Responsibility	Maggie (Helen) Brown	22	22
CG 101	College Survival and Success: Personal Responsibility (1)	College Survival and Success: Personal Responsibility	Megan Brooke	9	9
CG 102	College Survival and Success: Goal Setting (1)	College Survival and Success: Goal Setting	Maggie (Helen) Brown	22	22
CG 102	College Survival and Success: Goal Setting (1)	College Survival and Success: Goal Setting	Megan Brooke	9	9
CG 140B	Career and Life Planning (2)	Career and Life Planning	James Lekas	40	80



## Spring Term 2015

### College Success and Career Guidance

### (Lower Division Credit)

CG 101	College Survival and Success: Personal Responsibility (1)	College Survival and Success: Personal Responsibility	Megan Brooke	14	14
CG 101	College Survival and Success: Personal Responsibility (1)	College Survival and Success: Personal Responsibility	Maggie (Helen) Brown	26	26
CG 102	College Survival and Success: Goal Setting (1)	College Survival and Success: Goal Setting	Megan Brooke	14	14
CG 102	College Survival and Success: Goal Setting (1)	College Survival and Success: Goal Setting	Maggie (Helen) Brown	26	26
CG 140B	Career and Life Planning (2)	Career and Life Planning	James Lekas	29	58
CG 140B	Career and Life Planning (2)	Career and Life Planning	Megan Brooke	40	80
<b>Summary for Early College High School:</b>				<b>458</b>	<b>590</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Forest Grove High School</b>					
<b>Winter Term 2015</b>					
<b>Building Construction Technology</b>		<b>(Industrial and Engineering)</b>			
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Basic Construction & Woods II & Advanced Building Construction	Chris Higginbotham	40	120
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 111D	Beginning Website Creation: Dreamweaver (3)	Web Page Design	Theresa Broeren-Savoy	15	45
<b>Environmental Studies</b>		<b>(Natural Resource Systems)</b>			
ESR 171	Environmental Science: Biological Perspectives (4)	AP Environmental Sciences	Neil Borzcik	21	84
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 251	Calculus I (4)	AP Calculus	Pete Rusaw	46	184
MTH 252	Calculus II (5)	AP Calculus	Pete Rusaw	19	95
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals II, IV	Jami Duyck	11	44
<b>Spring Term 2015</b>					
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 101	Biology (4)	Honors Biology	Ben Crabtree	8	32
BI 102	Biology (4)	Honors Biology	Ben Crabtree	8	32
<b>Building Construction Technology</b>		<b>(Industrial and Engineering)</b>			
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Basic Construction & Woods II & Advanced Building Construction	Chris Higginbotham	49	147
BCT 120	Floor Framing (3)	Advanced Building Construction	Chris Higginbotham	15	45
BCT 121	Wall Framing (3)	Advanced Building Construction	Chris Higginbotham	15	45
BCT 128	Exterior Finish (6)	Advanced Building Construction	Chris Higginbotham	15	90
BCT 226	Finish Carpentry (2)	Advanced Building Construction	Chris Higginbotham	15	30
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 109	Beginning PowerPoint (1)	Computer Applications	Theresa Broeren-Savoy	12	12
CAS 111D	Beginning Website Creation: Dreamweaver (3)	Web Page Design	Theresa Broeren-Savoy	17	51
CAS 170A	Beginning Excel (1)	Computer Applications	Theresa Broeren-Savoy	12	12
CAS 216A	Beginning Word (1)	Computer Applications	Theresa Broeren-Savoy	12	12
<b>Environmental Studies</b>		<b>(Natural Resource Systems)</b>			
ESR 172	Environmental Science: Chemical Perspective (4)	AP Environmental Science	Neil Borzcik	17	68
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>			
LAT 109	Plant Propagation (3)	Introduction to Horticulture	Jami Duyck	31	93

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<hr/>					
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Katy Brosig	18	72
MTH 95	Intermediate Algebra (4)	Algebra II	Craig Russell	10	40
MTH 111	College Algebra (5)	College Algebra 2	Annette Faris	43	215
MTH 112	Elementary Functions (5)	Pre-Calculus	Mike Wanner	19	95
MTH 252	Calculus II (5)	AP Calculus	Pete Rusaw	32	160
MTH 253	Calculus III (5)	AP Calculus BC	Pete Rusaw	13	65
<b>Medical Professions</b>		<b>(Health Services)</b>			
MP 111	Medical Terminology (4)	Medical Terminology	Jessica Gordon	11	44
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals II, IV	Jami Duyck	17	68
<b>Not Offered</b>					
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 121	Beginning Keyboarding (3)	Keyboarding, Electric Office Systems, Windows Applications, Word Processing	Theresa Broeren-Savoy	0	0
CAS 133	Basic Computer Skills/Microsoft Office (4)	Advanced Computer Applications	Theresa Broeren-Savoy	0	0
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>			
CSS 200	Soils and Plant Nutrition (4)	Introduction to Agriculture	Jami Duyck	0	0
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 111	College Algebra (5)	Pre-Calculus	Pete Rusaw	0	0
MTH 111	College Algebra (5)	Pre-Calculus	Mike Wanner	0	0
MTH 112	Elementary Functions (5)	Pre-Calculus	Annette Faris	0	0
MTH 112	Elementary Functions (5)	Pre-Calculus	Pete Rusaw	0	0
<b>Summary for Forest Grove High School:</b>				<b>541</b>	<b>2,000</b>

# 2014-2015 Articulation Details by Discipline and Career Pathway

## Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

## Franklin High School

### Winter Term 2015

#### Computer Applications and Office Systems

#### (Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications I	Clara Cook	130	130
CAS 121	Beginning Keyboarding (3)	Computer Applications I	Clara Cook	125	375
CAS 170A	Beginning Excel (1)	Computer Applications I	Clara Cook	0	0
CAS 216A	Beginning Word (1)	Computer Applications I	Clara Cook	127	127

#### Dance

#### (Arts & Communications)

D 190A	Ballet I (1)	Ballet I (Beginning Dance)	Julana Torres	13	13
D 191A	Ballet II (1)	Ballet II (Intermediate Dance)	Julana Torres	10	10
D 290A	Ballet III (1)	Ballet III (Advanced Dance)	Julana Torres	4	4

### Spring Term 2015

#### Building Construction Technology

#### (Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Intermediate Woodworking	Dan Silvernail	4	12
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#### Business Administration

#### (Business & Management)

BA 111	Introduction to Accounting (3)	Accounting I-II	Clara Cook	39	117
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#### Computer Applications and Office Systems

#### (Business & Management)

CAS 106	Introduction to X/HTML (1)	Digital Design and Computer Coding I	Joe Rowe	171	171
CAS 109	Beginning PowerPoint (1)	Computer Applications I	Clara Cook	37	37
CAS 121	Beginning Keyboarding (3)	Computer Applications I	Clara Cook	43	129
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications II	Clara Cook	61	244
CAS 170	Beginning Excel (3)	Computerized Accounting & Spreadsheets	Timothy Biamont	12	36
CAS 170A	Beginning Excel (1)	Computer Applications I	Clara Cook	0	0
CAS 216A	Beginning Word (1)	Computer Applications I	Clara Cook	31	31

#### Dance

#### (Arts & Communications)

D 150	Jazz Dance I (1)	Jazz Dance I (Beginning Dance)	Julana Torres	29	29
D 151	Jazz Dance II (1)	Jazz Dance II (Intermediate Dance)	Julana Torres	36	36
D 190B	Ballet I (1)	Ballet I (Beginning Dance)	Julana Torres	29	29
D 191B	Ballet II (1)	Ballet II (Intermediate Dance)	Julana Torres	35	35
D 252	Jazz Dance III (1)	Jazz Dance III (Advanced Dance)	Julana Torres	9	9
D 290B	Ballet III (1)	Ballet III (Advanced Dance)	Julana Torres	11	11

#### English

#### (Lower Division Credit)

ENG 104	Introduction to Literature (Fiction) (4)	Adventure Lit, World Lit and Film	Tim Hardin	53	212
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#### Mathematics

#### (Lower Division Credit)

MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Kevin Denney	10	40
MTH 111	College Algebra (5)	College Algebra	Shauna Ewing	53	265
MTH 111	College Algebra (5)	College Algebra	Deb Wasserman	24	120
MTH 112	Elementary Functions (5)	Elementary Functions	Deb Wasserman	22	110
MTH 112	Elementary Functions (5)	Elementary Functions	Shauna Ewing	53	265

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

### Not Offered

#### Building Construction Technology

#### (Industrial and Engineering)

BCT 104 Construction Math (3)

Intermediate Woodworking

Dan Silvernail

0

0

#### Business Administration

#### (Business & Management)

BA 111 Introduction to Accounting (3)

Accounting I-II

Timothy Biamont

0

0

#### Computer Applications and Office Systems

#### (Business & Management)

CAS 109 Beginning PowerPoint (1)

Computer Applications I

Timothy Biamont

0

0

CAS 121 Beginning Keyboarding (3)

Computer Applications I

Timothy Biamont

0

0

**Summary for Franklin High School:**

**1,171**

**2,597**

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Gaston High School

#### Winter Term 2015

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woods I	Wade Sims	25	75
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##### Philosophy

##### (Lower Division Credit)

PHL 191	Analysis & Eval of Argument (4)	Analysis & Eval of Argument	Christina Schulz	11	44
PHL 201	Being and Knowing (4)	Being and Knowing	Christina Schulz	5	20

#### Spring Term 2015

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 216	Cabinetry I (2)	Woods II	Wade Sims	15	30
BCT 217	Cabinetry II (2)	Woods III	Wade Sims	10	20
BCT 218	Woodworking Projects (2)	Woods IV	Wade Sims	3	6

##### Philosophy

##### (Lower Division Credit)

PHL 202	Ethics (4)	Ethics	Christina Schulz	2	8
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<b>Summary for Gaston High School:</b>	<b>71</b>	<b>203</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Glencoe High School

#### Winter Term 2015

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 121	Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	16	48
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##### Machine Manufacturing Technology

##### (Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Machine/Welding II - First Year	Rob Brauer	33	33
MCH 135	Basic Measuring Tools (1.5)	Machine/Welding II - First Year	Rob Brauer	36	54
MCH 145	Layout Tools (1.5)	Machine/Welding II - First Year	Rob Brauer	35	52.5
MCH 150	Precision Measuring Tools (1.5)	Machine/Welding II - Second Year	Rob Brauer	36	54
MCH 160	Drilling Machines and Operations (2)	Machine/Welding II - First Year	Rob Brauer	36	72
MCH 180	Turning Machines and Operations (4)	Machine/Welding II - First Year	Rob Brauer	36	144
MCH 205	Vertical Milling Machine and Operations (3.5)	Machine/Welding II - Second Year	Rob Brauer	32	112

#### Spring Term 2015

##### Architectural Design & Drafting

##### (Industrial and Engineering)

ARCH 111	Introduction to Residential Construction Documents (3)	Architectural Drafting II	Michael O'Connor	0	0
ARCH 126	Introduction to AutoCAD (3)	Architectural Drafting I	Michael O'Connor	5	15

##### Business Administration

##### (Business & Management)

BA 111	Introduction to Accounting (3)	Accounting I	Eric Walker	41	123
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##### College Success and Career Guidance

##### (Lower Division Credit)

CG 130	Today's Careers (2)	Today's Careers	Sarah Seeborg	0	0
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##### Computer Aided Design & Drafting

##### (Industrial and Engineering)

CADD 126	Introduction to AutoCAD (3)	Drafting Tech I	Michael O'Connor	5	15
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##### Computer Applications and Office Systems

##### (Business & Management)

CAS 121	Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	21	63
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##### Early Education and Family Studies

##### (Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I	Shellie DeWhitt	23	69
ECE 132	Early Childhood Field Work (2)	Child Services II	Shellie DeWhitt	18	36

##### Engineering

##### (Industrial and Engineering)

ENGR 100	Exploring Engineering (1)	Introduction to Engineering Design	Chris Steiner	7	7
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##### Mathematics

##### (Lower Division Credit)

MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Chris Steiner	25	100
MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Connie Abel	15	60
MTH 111	College Algebra (5)	College Algebra	Connie Abel	38	190
MTH 112	Elementary Functions (5)	Elementary Functions	Connie Abel	40	200

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Medical Professions</b>		<b>(Health Services)</b>			
MP 111	Medical Terminology (4)	Medical Terminology	Melanie Lewis	44	176
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 131	Gas Metal Arc Welding (3)	Machine/Welding II - Second Year	Rob Brauer	1	3
WLD 261	Basic Fabrication I (6)	Machine/Welding II - Second Year	Rob Brauer	1	6
WLD 262	Basic Fabrication II (6)	Machine/Welding II - Second Year	Rob Brauer	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Machine/Welding II - Second Year	Rob Brauer	0	0
<b>Not Offered</b>					
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Machine/Welding II - First Year	Rob Brauer	0	0
WLD 112	SMAW: Mild Steel I (E7018) (4)	Machine/Welding II - First Year	Rob Brauer	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Machine/Welding II - Second Year	Rob Brauer	0	0
<b>Summary for Glencoe High School:</b>				<b>544</b>	<b>1,633</b>



## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Grant High School</b>					
<b>Winter Term 2015</b>					
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 101	Biology (4)	Biology	Amy Lindahl	72	288
BI 121	Introduction of Human Anatomy and Physiology (4)	Human Anatomy I & II	Keri Pilgrim	94	376
BI 141	Habitats: Life of the Forest (4)	Ecology	Keri Pilgrim	41	164
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 170A	Beginning Excel (1)	Statistics and Data Analysis	Mona Schraer	86	86
<b>Education</b>		<b>(Natural Resource Systems)</b>			
ED 119	Library Access Services (3)	Library Access Services	Paige Battle	13	39
<b>Spring Term 2015</b>					
<b>Art</b>		<b>(Arts &amp; Communications)</b>			
ART 253A	Ceramics I (3)	Ceramics	Jamin London-Tinsel	28	84
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 102	Biology (4)	Biology	Amy Lindahl	61	244
BI 122	Introduction to Human Anatomy and Physiology II (4)	Human Anatomy I & II	Keri Pilgrim	69	276
BI 141	Habitats: Life of the Forest (4)	Ecology	Joe Ferguson	39	156
BI 164	Bird ID and Ecology (4)	Ecology	Joe Ferguson	42	168
BI 164	Bird ID and Ecology (4)	Ecology	Keri Pilgrim	21	84
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 170	Beginning Excel (3)	Statistics and Data Analysis	Mona Schraer	67	201
<b>Education</b>		<b>(Lower Division Credit)</b>			
ED 113	Introduction to Library and Information Services (3)	Introduction to Library and Information Services	Paige Battle	13	39
<b>English</b>		<b>(Lower Division Credit)</b>			
ENG 104	Introduction to Literature (Fiction) (4)	Contemporary American Fiction	Paige Battle	7	28
<b>Spanish</b>		<b>(Lower Division Credit)</b>			
SPA 201	Second Year Spanish - First Term (4)	Spanish 9-10	Tracy Wisher	36	144
SPA 202	Second Year Spanish - Second Term (4)	Spanish 9-10	Tracy Wisher	34	136
SPA 203	Second Year Spanish - Third Term (4)	Spanish 9-10	Tracy Wisher	33	132
<b>Summary for Grant High School:</b>				<b>756</b>	<b>2,645</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered				
Discipline		(Career Pathway)		Duplicated
Courses under Agreement (credits)		High School Course Title	Instructor	Students
				Total Credits

### Health & Science High School

#### Spring Term 2015

##### Health Studies

##### (Health Services)

HE 112	Standard First Aid & CPR/AED (1)	Health - PLTW (11th Grade)	Jeff Crapper	0	0
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##### Mathematics

##### (Lower Division Credit)

MTH 111	College Algebra (5)	PreCalculus Semester 1	Diane Fitzpatrick	21	105
MTH 112	Elementary Functions (5)	PreCalculus Semester 2	Diane Fitzpatrick	22	110

<b>Summary for Health &amp; Science High School:</b>				<b>43</b>	<b>215</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Hillsboro High School</b>					
<b>Winter Term 2015</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>			
AM 100	Introduction to Automotive Systems (4)	Auto I, II, & III	Glenn Campbell	0	0
<b>Early Education and Family Studies</b>		<b>(Human Resources)</b>			
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Kelly Purdy	17	51
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>			
LAT 106	Basic Horticulture (4)	Introduction to Horticulture	Kori Dundas	10	40
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 111	College Algebra (5)	College Algebra	Patty White	60	300
<b>Spring Term 2015</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>			
AM 100	Introduction to Automotive Systems (4)	Auto I, II, & III	Glenn Campbell	2	8
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 101	Biology (4)	IB Biology HL	Brian Nauert	31	124
BI 101	Biology (4)	IB Biology SL	Brian Nauert	9	36
BI 102	Biology (4)	IB Biology	Brian Nauert	8	32
BI 103	Biology (4)	IB Biology	Brian Nauert	8	32
<b>Early Education and Family Studies</b>		<b>(Human Resources)</b>			
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Kelly Purdy	13	39
ECE 132	Early Childhood Field Work (2)	Child Services I & II	Kelly Purdy	10	20
<b>Engineering</b>		<b>(Industrial and Engineering)</b>			
ENGR 100	Exploring Engineering (1)	Exploring Engineering	Sara Wilson	4	4
<b>French</b>		<b>(Lower Division Credit)</b>			
FR 101	First Year French (4)	Third Year French	Tamara Miller	5	20
FR 102	First Year French (4)	Third Year French	Tamara Miller	5	20
FR 103	First Year French (4)	Third Year French	Tamara Miller	5	20
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>			
LAT 106	Basic Horticulture (4)	Introduction to Horticulture	Kori Dundas	3	12
LAT 109	Plant Propagation (3)	Horticulture I	Kori Dundas	2	6
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 112	Elementary Functions (5)	Elementary Functions	Patty White	37	185
<b>Summary for Hillsboro High School:</b>				<b>229</b>	<b>949</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

## Horizon Christian High School

### Winter Term 2015

#### Economics

#### (Business & Management)

EC 202	Prin Econ: Macroeconomics (4)	Macroeconomics	Michael Gump	12	48
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#### Mathematics

#### (Lower Division Credit)

MTH 111	College Algebra (5)	Pre-Calculus	Richard Espinoza	26	130
MTH 243	Statistics I (5)	Statistics	Richard Espinoza	4	20
MTH 251	Calculus I (4)	Calculus	Richard Espinoza	8	32

### Spring Term 2015

#### Mathematics

#### (Lower Division Credit)

MTH 112	Elementary Functions (5)	Pre-Calculus	Richard Espinoza	20	100
MTH 244	Statistics II (4)	Statistics	Richard Espinoza	4	16
MTH 252	Calculus II (5)	Calculus	Richard Espinoza	6	30

<b>Summary for Horizon High School:</b>				<b>80</b>	<b>376</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Jefferson High School

#### Winter Term 2015

##### Education

##### (Natural Resource Systems)

ED 119	Library Access Services (3)	Library Aide	Nicole Shuster	3	9
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##### English

##### (Lower Division Credit)

WR 121	English Composition (4)	Senior English 7/8	Philip Rafferty	16	64
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#### Spring Term 2015

##### Art

##### (Arts & Communications)

ART 115	Basic Design - 2D Foundations (3)	Advanced 2-D Design Studio Art	Amy Hargrave-Ellis	6	18
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##### Dance

##### (Arts & Communications)

D 130A	Modern Dance I (1)	Modern I	Sonia Warfel	6	6
D 131A	Modern Dance II (1)	Modern II	Sonia Warfel	4	4
D 209	Dance Performance (1)	Jefferson Dancers II	Steve Gonzales	6	6
D 252	Jazz Dance III (1)	Jazz Dance IV	Steve Gonzales	7	7

##### English

##### (Lower Division Credit)

WR 122	English Composition (4)	Senior English 7/8	Philip Rafferty	26	104
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##### Reading

##### (Lower Division Credit)

RD 115	College Reading (4)	English 5-6	Nicole Tews	9	36
RD 115	College Reading (4)	Junior English	Amy Wright	90	360

#### Not Offered

##### Reading

##### (Lower Division Credit)

RD 115	College Reading (4)	Junior English	Dan Coffey	0	0
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**Summary for Jefferson High School:**

**173      614**

# 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered	(Career Pathway)		Duplicated	Total
Discipline	High School Course Title		Students	Credits
Courses under Agreement (credits)				

## Jesuit High School

### Spring Term 2015

English		(Lower Division Credit)			
ENG 106	Introduction to Literature (Poetry) (4)	Intro to Literature (Poetry)	Megan Mathes	52	208
Mathematics		(Lower Division Credit)			
MTH 111	College Algebra (5)	College Algebra	Vaughn Langsdorf	36	180
Summary for Jesuit High School:				88	388

2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits
<hr/>					
Lake Oswego High School					
Spring Term 2015					
Engineering		(Industrial and Engineering)			
ENGR 100	Exploring Engineering (1)	Introduction to Engineering Design	Keith Grosse	5	5
General Science		(Natural Resource Systems)			
GS 108	Phys Sci (Oceanography) (4)	Oceanography	Jeff Goodrich	9	36
Summary for Lake Oswego High School:				14	41

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Lakeridge High School

#### Winter Term 2015

<b>History</b>		<b>(Lower Division Credit)</b>			
HST 102	Western Civilization: Medieval to Early Modern Europe (4)	AP European History (First Semester)	Ryan Rosenau	26	104
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 251	Calculus I (4)	AP Calculus AB	Terry Moore	66	264

#### Spring Term 2015

<b>Chemistry</b>		<b>(Lower Division Credit)</b>			
CH 221	General Chemistry I (5)	AP Chemistry	Jennifer Brazier	57	285
<b>English</b>		<b>(Lower Division Credit)</b>			
WR 122	English Composition (4)	AP English Language and Composition	Joanna Stein	28	112
<b>General Science</b>		<b>(Natural Resource Systems)</b>			
GS 108	Physical Science (Oceanography) (4)	Oceanography	Sarah Mock	14	56
<b>History</b>		<b>(Lower Division Credit)</b>			
HST 103	Western Civilization: Modern Europe (4)	AP European History (Second Semester)	Ryan Rosenau	20	80
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 252	Calculus II (5)	AP Calculus AB	Terry Moore	64	320
MTH 253	Calculus III (5)	AP Calculus BC	Terry Moore	15	75
<b>Music</b>		<b>(Arts &amp; Communications)</b>			
MUS 221A	Chamber Chorus (1)	A Cappella Choir	William Campbell	23	23

<b>Summary for Lakeridge High School:</b>	<b>313</b>	<b>1,319</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Liberty High School

#### Winter Term 2015

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 133	Basic Computer Skills/Microsoft Office (4)	Basic Business & Computer Application	David Douglas	22	88
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##### Early Education and Family Studies

##### (Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	6	18
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##### History

##### (Lower Division Credit)

HST 201	History of the U.S. to 1840 (4)	History of the United States I	Adam Mahlum	44	176
HST 285	The Holocaust (4)	The Holocaust	Adam Mahlum	90	360

##### Physics

##### (Lower Division Credit)

PHY 101	Fundamentals of Physics I (4)	Physics	Milton Scholl	10	40
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#### Spring Term 2015

##### College Success and Career Guidance

##### (Lower Division Credit)

CG 280A	CE: Career Development (2)	Fire Science I & II	Michelle Kim	41	82
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##### Computer Applications and Office Systems

##### (Business & Management)

CAS 133	Basic Computer Skills/Microsoft Office (4)	Basic Business & Computer Application	David Douglas	47	188
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##### Early Education and Family Studies

##### (Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	7	21
ECE 132	Early Childhood Field Work (2)	Child Services Focus Program	Jessica Ackerman	6	12

##### Emergency Medical Services

##### (Human Resources)

EMS 100	Introduction to Emergency Medical Services (3)	Fire Science I	Rodney Linz	36	108
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##### Engineering

##### (Industrial and Engineering)

ENGR 100	Exploring Engineering (1)	Principles of Engineering (POE)	Sally Reyes	32	32
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##### Fire Protection Technology

##### (Natural Resource Systems)

FP 101	Introduction to Fire Protection (3)	Fire Science I	Rodney Linz	36	108
FP 133	Wildland Firefighter (3)	Fire Science I	Rodney Linz	36	108
FP 201	Emergency Service Rescue (4)	Fire Science II	Rodney Linz	6	24

##### History

##### (Lower Division Credit)

HST 202	History of the U.S. 1840 - 1914 (4)	History of the United States II	Adam Mahlum	34	136
HST 203	History of the U.S. 1914 to Present (4)	History of the United States III	Adam Mahlum	35	140
HST 204	US Women: Pre-colonial to 1877 (4)	US Women: Pre-colonial to 1877	Adam Mahlum	33	132
HST 285	The Holocaust (4)	The Holocaust	Adam Mahlum	21	84

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Medical Professions</b>		<b>(Health Services)</b>			
MP 111	Medical Terminology (4)	Services II/MP 111	Ramona Toth	7	28
<b>Physics</b>		<b>(Lower Division Credit)</b>			
PHY 103	Fundamentals of Physics III (4)	Physics	Milton Scholl	11	44
<b>Theatre Arts</b>		<b>(Arts &amp; Communications)</b>			
TA 141	Fundamentals of Acting Techniques (4)	Advanced Theatre	Janet Van Wess	20	80
<b>Not Offered</b>					
<b>Fire Protection Technology</b>		<b>(Natural Resource Systems)</b>			
FP 101	Introduction to Fire Protection (3)	Fire Science I	William Tuning	0	0
FP 101	Introduction to Fire Protection (3)	Fire Science I	Tom Lillegard	0	0
FP 133	Wildland Firefighter (3)	Fire Science I	Tom Lillegard	0	0
FP 133	Wildland Firefighter (3)	Fire Science I	William Tuning	0	0
FP 201	Emergency Service Rescue (4)	Fire Science II	William Tuning	0	0
FP 201	Emergency Service Rescue (4)	Fire Science II	Tom Lillegard	0	0
<b>Physics</b>		<b>(Lower Division Credit)</b>			
PHY 211	General Physics (Calculus) (5)	AP Physics	Milton Scholl	0	0
PHY 213	General Physics (Calculus) (5)	AP Physics	Milton Scholl	0	0
<b>Summary for Liberty High School:</b>				<b>580</b>	<b>2,009</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Life Christian School

#### Winter Term 2015

<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 121	Introduction of Human Anatomy and Physiology (4)	College Anatomy	Erik Neill	7	28
<b>Environmental Studies</b>		<b>(Natural Resource Systems)</b>			
ESR 172	Environmental Science: Chemical Perspective (4)	Environmental Studies/Chem	Holly Neill	7	28
<b>Reading</b>		<b>(Lower Division Credit)</b>			
RD 115	College Reading (4)	College Reading	Cary Tyler	6	24

#### Not Offered

<b>Environmental Studies</b>		<b>(Natural Resource Systems)</b>			
ESR 171	Environmental Science: Biological Perspectives (4)	Environmental Science: Biological Perspective	Holly Neill	0	0
<b>Summary for Life Christian High School:</b>				<b>20</b>	<b>80</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Madison High School

#### Winter Term 2015

Education		(Natural Resource Systems)			
ED 119	Library Access Services (3)	Library Access Services	Nancy Sullivan	9	27
English		(Lower Division Credit)			
WR 241	Creative Writing- Fiction (4)	English 7-8	Erin Tillery	38	152

#### Spring Term 2015

College Success and Career Guidance		(Lower Division Credit)			
CG 105	Scholarships: \$\$ for College (2)	AVID 12	Sue House	12	24
CG 114	Financial Survival for College Students (1)	Applied Economics and Entrepreneurship	Emily Cornet	58	58
English		(Lower Division Credit)			
WR 121	English Composition (4)	English Composition	Daniel Fredgant	39	156
Mathematics		(Lower Division Credit)			
MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Monica Gray	58	232
MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Garth Fossen	16	64
MTH 111	College Algebra (5)	College Algebra	Thuy Nguyen	31	155
MTH 112	Elementary Functions (5)	Elementary Functions	Thuy Nguyen	29	145
Medical Professions		(Health Services)			
MP 111	Medical Terminology (4)	Health Sciences	Gillian Davis	14	56
Spanish		(Lower Division Credit)			
SPA 101	First Year Spanish: First Term (4)	Spanish 1-2	Marisol Rodriguez	17	68
SPA 102	First Year Spanish: Second Term (4)	Spanish 3-4	Marisol Rodriguez	81	324
SPA 103	First Year Spanish: Third Term (4)	Spanish 5-6	Marisol Rodriguez	24	96

<b>Summary for Madison High School:</b>	<b>426</b>	<b>1,557</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### McMinnville High School

#### Spring Term 2015

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 104	Construction Math (3)	Construction II	Shawn Keinonen	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction II	Shawn Keinonen	0	0

#### Not Offered

##### Environmental Studies

##### (Natural Resource Systems)

ESR 171	Environmental Science: Biological Perspectives (4)	AP Environmental Science	Laura Syring	0	0
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<b>Summary for McMinnville High School:</b>				<b>0</b>	<b>0</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Merlo Station High School

#### Winter Term 2015

College Success and Career Guidance		(Lower Division Credit)			
CG 100	College Survival and Success (3)	College Survival and Success	Gretchen Mollers	5	15
Computer Applications and Office Systems		(Business & Management)			
CAS 103	Introduction to Windows (1)	Computer Applications I	Nancy Smith	7	7
CAS 104	Basic Internet Skills (1)	Computer Applications II	Nancy Smith	2	2
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Nancy Smith	3	3
CAS 121A	Beginning Keyboarding (1)	Computer Applications I	Nancy Smith	6	6
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications II	Nancy Smith	2	8
CAS 216A	Beginning Word (1)	Computer Applications I	Nancy Smith	7	7

#### Spring Term 2015

College Success and Career Guidance		(Lower Division Credit)			
CG 100	College Survival and Success (3)	College Survival and Success	Gretchen Mollers	16	48
Computer Applications and Office Systems		(Business & Management)			
CAS 103	Introduction to Windows (1)	Computer Applications I	Nancy Smith	2	2
CAS 104	Basic Internet Skills (1)	Computer Applications II	Nancy Smith	0	0
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Nancy Smith	0	0
CAS 121A	Beginning Keyboarding (1)	Computer Applications I	Nancy Smith	2	2
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications II	Nancy Smith	0	0
CAS 216A	Beginning Word (1)	Computer Applications I	Nancy Smith	2	2
<b>Summary for Merlo Station High School:</b>				<b>54</b>	<b>102</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Newberg High School

#### Winter Term 2015

<b>Computer Aided Design &amp; Drafting</b>		<b>(Industrial and Engineering)</b>			
CADD 185	Inventor Fundamentals (3)	CAD Design	Terry Coss	11	33
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>			
LAT 106	Basic Horticulture (4)	General Horticulture	Peter Siderius	45	180
LAT 109	Plant Propagation (3)	Ornamental Horticulture	Peter Siderius	0	0
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 210	Project Machine Technology IV (6)	Robotics	Terry Coss	2	12
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 111	College Algebra (5)	Pre-Calculus B	Sharon Walesby	45	225
MTH 251	Calculus I (4)	Calculus I	Bruce Sinkbeil	51	204
<b>Theatre Arts</b>		<b>(Arts &amp; Communications)</b>			
TA 148	Movement for the Stage (3)	Expressive Movements	Drea Ferguson	29	87
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding III	Daniel Evonuk	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Welding III	Daniel Evonuk	0	0

#### Spring Term 2015

<b>Computer Aided Design &amp; Drafting</b>		<b>(Industrial and Engineering)</b>			
CADD 185	Inventor Fundamentals (3)	CAD Design	Terry Coss	1	3
<b>English</b>		<b>(Lower Division Credit)</b>			
ENG 105	Introduction to Literature (Drama) (4)	Literature of an Author I/Shakespeare	Drea Ferguson	17	68
WR 121	English Composition (4)	Literature of an Author II/Shakespeare	Drea Ferguson	16	64
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>			
LAT 106	Basic Horticulture (4)	General Horticulture	Peter Siderius	0	0
LAT 109	Plant Propagation (3)	Ornamental Horticulture	Peter Siderius	12	36
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 210	Project Machine Technology IV (6)	Robotics	Terry Coss	2	12
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Cassandra Thonstad	34	136
MTH 112	Elementary Functions (5)	Pre-Calculus A	Sharon Walesby	36	180
MTH 243	Statistics I (5)	Statistics I	Cassandra Thonstad	22	110
MTH 244	Statistics II (4)	Statistics II	Cassandra Thonstad	21	84
MTH 252	Calculus II (5)	Calculus II	Bruce Sinkbeil	45	225

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits
<hr/>					
<b>Spanish</b>		<b>(Lower Division Credit)</b>			
SPA 101	First Year Spanish: First Term (4)	Spanish 4A/B	Francisco Benetti	25	100
<b>Theatre Arts</b>		<b>(Arts &amp; Communications)</b>			
TA 141	Fundamentals of Acting Techniques (4)	Drama/Acting	Drea Ferguson	23	92
<b>Welding</b>		<b>(Industrial and Engineering)</b>			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding III	Daniel Evonuk	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Welding III	Daniel Evonuk	1	3
<b>Not Offered</b>					
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 111	College Algebra (5)	Pre-Calculus B	Bruce Sinkbeil	0	0
MTH 112	Elementary Functions (5)	Pre-Calculus A	Bruce Sinkbeil	0	0
MTH 251	Calculus I (4)	Calculus I	Sharon Walesby	0	0
MTH 252	Calculus II (5)	Calculus II	Sharon Walesby	0	0
<b>Summary for Newberg High School:</b>				<b>438</b>	<b>1,854</b>



## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### North Salem High School

#### Winter Term 2015

#### Building Construction Technology

#### (Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Cabinet Manufacturing III	Dean Mattson	12	36
BCT 216	Cabinetry I (2)	Cabinet Manufacturing IV	Dean Mattson	8	16
BCT 217	Cabinetry II (2)	Cabinet Manufacturing II	Dean Mattson	10	20
BCT 218	Woodworking Projects (2)	Cabinet Manufacturing I	Dean Mattson	60	120

<b>Summary for North Salem High School:</b>				<b>90</b>	<b>192</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

## Portland YouthBuilders

### Winter Term 2015

Building Construction Technology		(Industrial and Engineering)			
BCT 104	Construction Math (3)	Construction Basics and Work Site Training	Alec Meadows	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction Basics and Work Site Training	Alec Meadows	0	0
BCT 120	Floor Framing (3)	Construction Basics and Work Site Training	Alec Meadows	0	0
BCT 121	Wall Framing (3)	Construction Basics and Work Site Training	Alec Meadows	0	0

### Summer Term 2014

Building Construction Technology		(Industrial and Engineering)			
BCT 104	Construction Math (3)	Construction Basics and Work Site Training	Alec Meadows	4	12
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction Basics and Work Site Training	Alec Meadows	4	12
BCT 120	Floor Framing (3)	Construction Basics and Work Site Training	Alec Meadows	0	0
BCT 121	Wall Framing (3)	Construction Basics and Work Site Training	Alec Meadows	4	12
College Success and Career Guidance		(Lower Division Credit)			
CG 100	College Survival and Success (3)	College Survival and Success	Annie Marges	0	0

### Spring Term 2015

Building Construction Technology		(Industrial and Engineering)			
BCT 104	Construction Math (3)	Construction Basics and Work Site Training	Alec Meadows	3	9
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction Basics and Work Site Training	Alec Meadows	2	6
BCT 120	Floor Framing (3)	Construction Basics and Work Site Training	Alec Meadows	0	0
BCT 121	Wall Framing (3)	Construction Basics and Work Site Training	Alec Meadows	2	6
College Success and Career Guidance		(Lower Division Credit)			
CG 100	College Survival and Success (3)	College Survival and Success	Annie Marges	0	0

<b>Summary for Portland Youth Builders:</b>	<b>19</b>	<b>57</b>
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2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<hr/>					
Rex Putnam High School					
Spring Term 2015					
Theatre Arts		(Arts & Communications)			
TA 141	Fundamentals of Acting Techniques (4)	Acting II	Kelley Marchant	22	88
TA 142	Fundamentals of Acting Techniques (4)	Acting II/Year II	Kelley Marchant	10	40
Summary for Rex Putnam High School:				32	128

2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)	Instructor	Duplicated Students	Total Credits
Discipline	Courses under Agreement (credits)				
		High School Course Title			

Riverdale High School

Fall Term 2014

English		(Lower Division Credit)		Duplicated Students	Total Credits
WR 121	English Composition (4)	English Composition	Holly Finnerty		
Summary for Riverdale High School:				19	76

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Roosevelt High School

#### Winter Term 2015

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 121A	Beginning Keyboarding (1)	Computer Applications	Barbara Macon	13	13
CAS 216	Beginning Word (3)	Computer Applications	Barbara Macon	14	42

#### Spring Term 2015

##### College Success and Career Guidance

##### (Lower Division Credit)

CG 145	Stress Management (2)	Stress Management	Caitlin Clark	1	2
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##### Computer Applications and Office Systems

##### (Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications	Barbara Macon	15	15
CAS 170	Beginning Excel (3)	Computer Applications	Barbara Macon	18	54

##### Mathematics

##### (Lower Division Credit)

MTH 95	Intermediate Algebra (4)	Pre-Calculus	Rachel Gardner	10	40
MTH 95	Intermediate Algebra (4)	Pre-Calculus	Sam Marvit	15	60
MTH 111	College Algebra (5)	College Algebra	Alison Taylor	54	270

#### Not Offered

##### Mathematics

##### (Lower Division Credit)

MTH 112	Elementary Functions (5)	Elementary Functions	Alison Taylor	0	0
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<b>Summary for Roosevelt High School:</b>	<b>140</b>	<b>496</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Rosemary Anderson High School

#### Winter Term 2015

English		(Lower Division Credit)			
ENG 106	Introduction to Literature (Poetry) (4)	Intro to Literature (Poetry)	Allison deFreese	0	0
ENG 195	Film Studies: Film as Art (4)	Film as Art	Allison deFreese	5	20
Reading		(Lower Division Credit)			
RD 116	College Vocabulary Development (3)	College Vocabulary Development	Allison deFreese	5	15

#### Spring Term 2015

English		(Lower Division Credit)			
ENG 195	Film Studies: Film as Art (4)	Film as Art	Allison deFreese	0	0
ENG 213	Latin American Literature (4)	Latin American Literature and Culture: Black in Latin America	Allison deFreese	18	72
WR 115	Introduction to Expository Writing (4)	Introduction to Expository Writing (Online)	Allison deFreese	2	8
Spanish		(Lower Division Credit)			
SPA 101	First Year Spanish: First Term (4)	First Year College Spanish Term 1	Allison deFreese	18	72
SPA 270A	Readings in Spanish Literature (Hispanic) (3)	Readings in Spanish Literature (Hispanic)	Allison deFreese	3	9

#### Summer Term 2014

Art		(Arts & Communications)			
ART 140A	Digital Photography I (3)	Digital Photography I	Kelli Pennington	12	36

#### Not Offered

English		(Lower Division Credit)			
ENG 104	Introduction to Literature (Fiction) (4)	Introduction to Literature (Fiction)	Allison deFreese	0	0
WR 121	English Composition (4)	Senior Honors Writing	Allison deFreese	0	0

<b>Summary for Rosemary Anderson High School:</b>	<b>63</b>	<b>232</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Sabin - Schellenberg Center

#### Spring Term 2015

##### Architectural Design & Drafting

##### (Industrial and Engineering)

ARCH 101	Introduction to Residential Design (3)	Computer Aided Design II	Nancy Merchant	8	24
ARCH 111	Introduction to Residential Construction Documents (3)	Computer Aided Design II	Nancy Merchant	8	24
ARCH 126	Introduction to AutoCAD (3)	Computer Aided Design I	Nancy Merchant	13	39

##### Computer Aided Design & Drafting

##### (Industrial and Engineering)

CADD 126	Introduction to AutoCAD (3)	Computer Aided Design I	Nancy Merchant	9	27
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##### Fire Protection Technology

##### (Natural Resource Systems)

FP 101	Introduction to Fire Protection (3)	Fire Protection I	Neal Dietz	20	60
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<b>Summary for Sabin – Schellenberg Center:</b>				<b>58</b>	<b>174</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

### Scappoose High School

#### Fall Term 2014

##### Early Education and Family Studies

##### (Human Resources)

ECE 132	Early Childhood Field Work (2)	Child Development: Preschool III, IV	Robyn Grabhorn	0	0
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#### Winter Term 2015

##### Early Education and Family Studies

##### (Human Resources)

ECE 132	Early Childhood Field Work (2)	Child Development: Preschool III, IV	Robyn Grabhorn	2	4
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#### Spring Term 2015

##### Early Education and Family Studies

##### (Human Resources)

ECE 132	Early Childhood Field Work (2)	Child Development: Preschool III, IV	Robyn Grabhorn	15	30
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<b>Summary for Scappoose High School:</b>	<b>17</b>	<b>34</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Sherwood High School</b>					
<b>Fall Term 2014</b>					
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 101	Biology (4)	AP Biology	Lance Thurman	67	268
BI 121	Introduction of Human Anatomy and Physiology (4)	Introduction of Human Anatomy & Physiology	Lance Thurman	63	252
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications	Elizabeth Barrett	61	244
<b>Engineering</b>		<b>(Industrial and Engineering)</b>			
ENGR 100	Exploring Engineering (1)	Only On the Web	Clark Farrand	25	25
<b>English</b>		<b>(Lower Division Credit)</b>			
WR 121	English Composition (4)	Composition	Matthew Kolbet	30	120
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 296A	Rhino CAD Level I (2)	Engineering I	Clark Farrand	84	168
MCH 297A	Rhino CAD Level II (2)	Engineering IV-V	Clark Farrand	1	2
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 111	College Algebra (5)	Trigonometry & Pre-Calculus	Heather Raddatz	26	130
MTH 111	College Algebra (5)	Trigonometry & Pre-Calculus	Greg Ptaszynski	73	365
MTH 251	Calculus I (4)	AP Calculus A	Teresa Swake	2	8
<b>Winter Term 2015</b>					
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 102	Biology (4)	AP Biology	Lance Thurman	62	248
BI 121	Introduction of Human Anatomy and Physiology (4)	Introduction of Human Anatomy & Physiology	Lance Thurman	31	124
BI 122	Introduction to Human Anatomy and Physiology II (4)	Introduction Human Anatomy & Physiology	Lance Thurman	29	116
<b>Building Construction Technology</b>		<b>(Industrial and Engineering)</b>			
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woods II, Basic Construction	Jon Dickover	1	3
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications	Elizabeth Barrett	31	124
<b>Computer Information Systems</b>		<b>(Industrial and Engineering)</b>			
CIS 133J	Java Programming I (4)	Computer Science Software Engineering/Java	Terrel Smith	11	44
CIS 145	Micro Computer Hardware (4)	StRUT/STW/Computer Hardware/A+ Certification	Terrel Smith	10	40

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<hr/>					
<b>English</b>		<b>(Lower Division Credit)</b>			
WR 121	English Composition (4)	Composition	Matthew Kolbet	68	272
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>			
MCH 291	Laser Cutting and Engraving Fundamentals (1)	Engineering III-IV	Clark Farrand	11	11
MCH 292	FDM Additive Manufacturing Fundamentals Orientation (1.5)	Engineering III-V	Clark Farrand	11	16.5
MCH 296A	Rhino CAD Level I (2)	Engineering I	Clark Farrand	47	94
MCH 297A	Rhino CAD Level II (2)	Engineering IV-V	Clark Farrand	1	2
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 111	College Algebra (5)	Trigonometry & Pre-Calculus	Heather Raddatz	34	170
MTH 112	Elementary Functions (5)	Trigonometry & Pre-Calculus	Heather Raddatz	26	130
MTH 112	Elementary Functions (5)	Trigonometry & Pre-Calculus	Greg Ptaszynski	20	100
MTH 243	Statistics I (5)	AP Probability and Statistics	Greg Ptaszynski	23	115
MTH 251	Calculus I (4)	AP Calculus A	Teresa Swake	42	168
MTH 252	Calculus II (5)	AP Calculus B	Teresa Swake	0	0
<b>Spring Term 2015</b>					
<b>Anthropology</b>		<b>(Lower Division Credit)</b>			
ATH 102	Introduction to Archaeology & Prehistory (4)	Archaeology	Brian Trostel	40	160
<b>Biology</b>		<b>(Lower Division Credit)</b>			
BI 103	Biology (4)	AP Biology	Lance Thurman	61	244
BI 122	Introduction to Human Anatomy and Physiology II (4)	Introduction Human Anatomy & Physiology	Lance Thurman	53	212
<b>Building Construction Technology</b>		<b>(Industrial and Engineering)</b>			
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woods II, Basic Construction	Jon Dickover	0	0
<b>Computer Aided Design &amp; Drafting</b>		<b>(Industrial and Engineering)</b>			
CADD 160	Drafting Fundamentals (4)	Engineering II	Clark Farrand	22	88
CADD 175	SolidWorks Fundamentals (3)	Engineering II	Clark Farrand	23	69
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications	Elizabeth Barrett	64	256
<b>Computer Information Systems</b>		<b>(Industrial and Engineering)</b>			
CIS 133J	Java Programming I (4)	Computer Science Software Engineering/Java	Terrel Smith	0	0
CIS 145	Micro Computer Hardware (4)	StRUT/STW/Computer Hardware/A+ Certification	Terrel Smith	0	0
<b>English</b>		<b>(Lower Division Credit)</b>			
WR 121	English Composition (4)	Composition	Matthew Kolbet	48	192

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					
<b>Machine Manufacturing Technology</b>		<b>(Lower Division Credit)</b>			
MCH 229	Rapid Prototyping (5)	Engineering IV-V	Clark Farrand	0	0
MCH 290	Mastercam Fundamentals Orientation (1)	Engineering IV-V	Clark Farrand	3	3
MCH 291	Laser Cutting and Engraving Fundamentals (1)	Engineering III-IV	Clark Farrand	6	6
MCH 292	FDM Additive Manufacturing Fundamentals Orientation (1.5)	Engineering III-V	Clark Farrand	6	9
MCH 294	3 Dimensional Digital Laser Scanning Fundamentals (1.5)	Engineering IV-V	Clark Farrand	2	3
MCH 297A	Rhino CAD Level II (2)	Engineering IV-V	Clark Farrand	5	10
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 112	Elementary Functions (5)	Trigonometry & Pre-Calculus	Heather Raddatz	63	315
MTH 243	Statistics I (5)	AP Probability and Statistics	Greg Ptaszynski	94	470
MTH 244	Statistics II (4)	AP Probability and Statistics	Greg Ptaszynski	18	72
MTH 252	Calculus II (5)	AP Calculus B	Teresa Swake	41	205
MTH 253	Calculus III (5)	AP Calculus C	Teresa Swake	0	0
<b>Medical Professions</b>		<b>(Health Services)</b>			
MP 111	Medical Terminology (4)	Health Occupations A & B	Kari Turner	27	108
<b>Not Offered</b>					
<b>Architectural Design &amp; Drafting</b>		<b>(Industrial and Engineering)</b>			
ARCH 111	Introduction to Residential Construction Documents (3)	Architecture II	John Niebergall	0	0
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 216A	Beginning Word (1)	Architecture II, Engineering III-V	John Niebergall	0	0
<b>Machine Manufacturing Technology</b>		<b>(Lower Division Credit)</b>			
MCH 229	Rapid Prototyping (5)	Engineering IV-V	John Niebergall	0	0
MCH 290	Mastercam Fundamentals Orientation (1)	Engineering IV-V	John Niebergall	0	0
MCH 291	Laser Cutting and Engraving Fundamentals (1)	Engineering III-V	John Niebergall	0	0
MCH 292	FDM Additive Manufacturing Fundamentals Orientation (1.5)	Engineering III-V	John Niebergall	0	0
MCH 294	3 Dimensional Digital Laser Scanning Fundamentals (1.5)	Engineering IV-V	John Niebergall	0	0
<b>Mathematics</b>		<b>(Lower Division Credit)</b>			
MTH 111	College Algebra (5)	Trigonometry & Pre-Calculus	Teresa Swake	0	0
MTH 112	Elementary Functions (5)	Trigonometry & Pre-Calculus	Teresa Swake	0	0
MTH 251	Calculus I (4)	AP Calculus A	Heather Raddatz	0	0
MTH 251	Calculus I (4)	AP Calculus A	Greg Ptaszynski	0	0
MTH 252	Calculus II (5)	AP Calculus B	Heather Raddatz	0	0
MTH 252	Calculus II (5)	AP Calculus B	Greg Ptaszynski	0	0
MTH 253	Calculus III (5)	AP Calculus C	Heather Raddatz	0	0
MTH 253	Calculus III (5)	AP Calculus C	Greg Ptaszynski	0	0
<b>Summary for Sherwood High School:</b>				<b>1,466</b>	<b>5,782</b>

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

### South Albany High School

#### Winter Term 2015

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Introduction to Woodworking	Chava Neuhaus	11	33
BCT 216	Cabinetry I (2)	Cabinetmaking I	Chava Neuhaus	10	20

#### Spring Term 2015

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Introduction to Woodworking	Chava Neuhaus	0	0
BCT 216	Cabinetry I (2)	Cabinetmaking I	Chava Neuhaus	0	0
BCT 217	Cabinetry II (2)	Cabinetmaking II	Chava Neuhaus	0	0

<b>Summary for South Albany High School:</b>	<b>22</b>	<b>53</b>
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# 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

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## South Umpqua High School

### Spring Term 2015

Building Construction Technology		(Industrial and Engineering)			
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woods II	Lisa Hanley	5	15
BCT 216	Cabinetry I (2)	Woods III	Lisa Hanley	5	10
Summary for South Umpqua High School:				10	25

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Southridge High School

#### Spring Term 2015

#### American Sign Language

#### (Human Resources)

ASL 101	First Year American Sign Language I (4)	First Year ASL	Tom Wills	71	284
ASL 102	First Year American Sign Language II (4)	Second Year ASL	Tom Wills	33	132
ASL 103	First Year American Sign Language III (4)	Third Year ASL	Tom Wills	9	36

#### College Success and Career Guidance

#### (Lower Division Credit)

CG 130	Today's Careers (2)	Today's Careers	Lauryn Files	19	38
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#### Computer Applications and Office Systems

#### (Business & Management)

CAS 106	Introduction to X/HTML (1)	Web Design I	Dan Velasquez	0	0
CAS 111D	Beginning Website Creation: Dreamweaver (3)	Web Design I	Dan Velasquez	4	12

#### Computer Information Systems

#### (Industrial and Engineering)

CIS 133J	Java Programming I (4)	Java Programming I	Dan Velasquez	8	32
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#### Summary for Southridge High School:

**144      534**

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

### St. Helens High School

#### Winter Term 2015

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 103	Introduction to Windows (1)	Business Technology I	Kyle Tolzman	8	8
CAS 109	Beginning PowerPoint (1)	Business Technology I	Kyle Tolzman	8	8
CAS 133	Basic Computer Skills/Microsoft Office (4)	Business Technology I	Kyle Tolzman	4	16

#### Spring Term 2015

##### Automotive Service Technology

##### (Industrial and Engineering)

AM 100	Introduction to Automotive Systems (4)	Automotive Technology II-IV	Mike Herdrich	7	28
AM 111	Engine Repair (4)	Automotive Technology I	Mike Herdrich	7	28
AM 151	Undercar Systems I (4)	Automotive Technology III-IV	Mike Herdrich	3	12
AM 161	Electrical Systems I (4)	Automotive Technology III-IV	Mike Herdrich	4	16

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 103	Residential Materials and Methods (3)	Building Construction and Independent Carpentry	Joseph Mauck	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Building Construction and Woodworking	Joseph Mauck	8	24
BCT 218	Woodworking Projects (2)	Building Construction and Independent Carpentry	Joseph Mauck	1	2

##### Computer Aided Design & Drafting

##### (Industrial and Engineering)

CADD 126	Introduction to AutoCAD (3)	Drafting Technology III & IV	Joseph Mauck	0	0
CADD 160	Drafting Fundamentals (4)	Drafting Technology II	Joseph Mauck	4	16
CADD 175	SolidWorks Fundamentals (3)	Drafting Technology III & IV	Joseph Mauck	2	6

##### Computer Applications and Office Systems

##### (Business & Management)

CAS 103	Introduction to Windows (1)	Business Technology I	Kyle Tolzman	5	5
CAS 109	Beginning PowerPoint (1)	Business Technology I	Kyle Tolzman	5	5
CAS 133	Basic Computer Skills/Microsoft Office (4)	Business Technology I	Kyle Tolzman	2	8

##### Early Education and Family Studies

##### (Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Development I and II	Martine Barnett	36	108
ECE 132	Early Childhood Field Work (2)	ECE	Martine Barnett	11	22

**Summary for St. Helens High School:**

**115      312**

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered

Discipline	(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Credits

### Sunset High School

#### Winter Term 2015

<b>Business Administration</b>		<b>(Business &amp; Management)</b>			
BA 101	Introduction to Business (4)	Marketing III (Hybrid)	Nicole Taylo	25	100
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 121	Beginning Keyboarding (3)	Computer Literacy	Jeff Smith	9	27

#### Spring Term 2015

<b>Business Administration</b>		<b>(Business &amp; Management)</b>			
BA 223	Principles of Marketing (4)	Marketing III	Nicole Taylo	22	88
<b>Computer Applications and Office Systems</b>		<b>(Business &amp; Management)</b>			
CAS 121	Beginning Keyboarding (3)	Computer Literacy	Jeff Smith	9	27
CAS 133	Basic Computer Skills/Microsoft Office (4)	Computer Applications I	Jeff Smith	16	64
<b>Summary for Sunset High School:</b>				<b>81</b>	<b>306</b>



## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Tigard High School

#### Winter Term 2015

History		(Lower Division Credit)			
HST 201	History of the U.S. to 1840 (4)	Honors U.S. History	Murray Carlisle	31	124
HST 201	History of the U.S. to 1840 (4)	Advanced U.S. History	Dave Unis	97	388
HST 202	History of the U.S. 1840 - 1914 (4)	Honors U.S. History	Murray Carlisle	31	124
HST 203	History of the U.S. 1914 to Present (4)	Honors U.S. History	Murray Carlisle	31	124
Psychology		(Health Services)			
PSY 201A	Intro to Psychology - Part I (4)	IB Psychology I	Fred Holtz	112	448

#### Spring Term 2015

Art		(Arts & Communications)			
ART 197	Artist's Skills/Practical Issues (3)	Artist's Skill/Practical Issues	Shelley Socolofsky	6	18
Automotive Service Technology		(Industrial and Engineering)			
AM 100	Introduction to Automotive Systems (4)	Auto Tech II	James MacDonald	8	32
Biology		(Lower Division Credit)			
BI 101	Biology (4)	IB Bio I	Michael Weitzhandler	40	160
History		(Lower Division Credit)			
HST 201	History of the U.S. to 1840 (4)	Honors U.S. History	Murray Carlisle	66	264
HST 202	History of the U.S. 1840 - 1914 (4)	Honors U.S. History	Murray Carlisle	66	264
HST 202	History of the U.S. 1840 - 1914 (4)	Advanced U.S. History	Dave Unis	89	356
HST 203	History of the U.S. 1914 to Present (4)	Advanced U.S. History	Dave Unis	88	352
HST 203	History of the U.S. 1914 to Present (4)	Honors U.S. History	Murray Carlisle	66	264
Multimedia		(Arts & Communications)			
MM 230	Graphics for Multimedia (4)	Digital Arts I & II	Chuck Laiti	18	72
Psychology		(Health Services)			
PSY 202A	Intro to Psychology - Part II (4)	IB Psychology II	Fred Holtz	37	148

<b>Summary for Tigard High School:</b>	<b>786</b>	<b>3,138</b>
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2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered	(Career Pathway)		Duplicated	Total
Discipline	High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)				

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Trillium Charter School

Spring Term 2015

Mathematics		(Lower Division Credit)			
MTH 111	College Algebra (5)	Pre-Calculus	Jessica Brooks	4	20
MTH 112	Elementary Functions (5)	Pre-Calculus	Jessica Brooks	3	15
Summary for Trillium High School:				7	35

## 2014-2015 Articulation Details by Discipline and Career Pathway

### Courses Offered

Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Tualatin High School

#### Winter Term 2015

#### Management and Supervisory Development

#### (Business & Management)

MSD 101	Principles of Management and Supervision (3)	Advanced Business Procedures	Veronica Salisbury	79	237
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#### Spring Term 2015

#### Early Education and Family Studies

#### (Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I & II	Sarah Lind	37	111
ECE 132	Early Childhood Field Work (2)	Child Services I & II	Sarah Lind	37	74

#### Engineering

#### (Industrial and Engineering)

ENGR 100	Exploring Engineering (1)	Exploring Engineering	Jill Hubbard	8	8
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#### French

#### (Lower Division Credit)

FR 101	First Year French (4)	French	Diane Leebrick	6	24
FR 102	First Year French (4)	French	Diane Leebrick	5	20
FR 103	First Year French (4)	French	Diane Leebrick	5	20

#### Management and Supervisory Development

#### (Business & Management)

MSD 101	Principles of Management and Supervision (3)	Advanced Business Procedures	Veronica Salisbury	2	6
MSD 121	Leadership Skill Development (3)	Advanced Business Procedures	Veronica Salisbury	76	228

#### Multimedia

#### (Arts & Communications)

MM 230	Graphics for Multimedia (4)	Digital Arts Levels I & II	Rachel Robinson	21	84
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<b>Summary for Tualatin High School:</b>				<b>276</b>	<b>812</b>
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2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline				Students	Credits
Courses under Agreement (credits)		High School Course Title	Instructor		

Valley Catholic High School

Spring Term 2015

Biology		(Lower Division Credit)			
BI 101	Biology (4)	AP Biology	Amy Lacks	14	56
BI 102	Biology (4)	AP Biology	Amy Lacks	14	56
BI 103	Biology (4)	AP Biology	Amy Lacks	14	56
Summary for Valley Catholic High School:				42	168

## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Vernonia High School

#### Winter Term 2015

Multimedia		(Arts & Communications)			
MM 260	Video Production I (4)	Video Production I	Doran Lower	4	16

#### Spring Term 2015

Multimedia		(Arts & Communications)			
MM 230	Graphics for Multimedia (4)	Graphics for Multimedia	Doran Lower	5	20

<b>Summary for Vernonia High School:</b>	<b>9</b>	<b>36</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Westview High School

#### Winter Term 2015

English		(Lower Division Credit)			
ENG 254	American Literature from 1865 (4)	Survey American Literature	Elizabeth Neely	26	104

#### Spring Term 2015

Early Education and Family Studies		(Human Resources)			
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development II	Lisa Weisenfluh	15	45
ECE 132	Early Childhood Field Work (2)	Child Development III	Lisa Weisenfluh	17	34
English		(Lower Division Credit)			
WR 122	English Composition (4)	Writing 122	Elizabeth Neely	20	80
Multimedia		(Arts & Communications)			
MM 260	Video Production I (4)	Film Seminar - A242	Scott Guthrie	0	0

<b>Summary for Westview High School:</b>	<b>78</b>	<b>263</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Total
Discipline		High School Course Title	Instructor	Students	Credits
Courses under Agreement (credits)					

### Wilson High School

#### Spring Term 2015

##### Building Construction Technology

##### (Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woodworking/Metalworking 1-2	Steve Walmer	1	3
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##### College Success and Career Guidance

##### (Lower Division Credit)

CG 130H	Introduction to Today's Careers: Health (2)	Health Occupations	Aaron Olsen	0	0
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##### Computer Science

##### (Industrial and Engineering)

CS 161	Computer Science I (4)	Computer Science 3-4 Honors	Christopher Bartlo	54	216
CS 162	Computer Science II (4)	Computer Science II	Christopher Bartlo	32	128

##### Journalism

##### (Lower Division Credit)

J 103	Introduction to Media Writing (4)	Newspaper - Editor	Keith Higbee	3	12
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##### Multimedia

##### (Arts & Communications)

MM 230	Graphics for Multimedia (4)	Digital Media Design III-IV	Martin Douglass	8	32
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##### Music

##### (Arts & Communications)

MUS 158A	Chamber Ensemble (1)	Chamber Orchestra	Margaret Murer	7	7
MUS 220A	Chorus (1)	Choir: Wilsingers	Margaret Murer	12	12
MUS 221A	Chamber Chorus (1)	Choir: Advanced Vocal Ensemble	Margaret Murer	4	4

<b>Summary for Wilson High School:</b>	<b>119</b>	<b>414</b>
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## 2014-2015 Articulation Details by Discipline and Career Pathway

Courses Offered					
Discipline		(Career Pathway)		Duplicated	Total
Courses under Agreement (credits)		High School Course Title	Instructor	Students	Credits

### Wilsonville High School

#### Winter Term 2015

Computer Aided Design & Drafting	(Industrial and Engineering)				
CADD 126 Introduction to AutoCAD (3)	Beginning CAD	Judy Morris-Green	20	60	

#### Spring Term 2015

Architectural Design & Drafting	(Industrial and Engineering)				
ARCH 111 Introduction to Residential Construction Documents (3)	Architectural Drafting I	Judy Morris-Green	5	15	

Computer Aided Design & Drafting	(Industrial and Engineering)				
CADD 126 Introduction to AutoCAD (3)	Beginning CAD	Judy Morris-Green	0	0	
CADD 160 Drafting Fundamentals (4)	Engineering	Judy Morris-Green	1	4	

<b>Summary for Wilsonville High School:</b>	<b>26</b>	<b>79</b>
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# GLOSSARY OF TERMS

**40-40-20 Goal** - Education initiative of Oregon Governor John Kitzhaber. The 40-40-20 targets propose goals of 40% of the population having a four year college degree by 2025, 40% of the population have post-secondary training, and the remaining 20% having a high school degree or equivalent (in benchmark terms this equates to 100% of the population having a high school diploma or equivalent).

**AY** - Academic year is a term used as an annual measure of time from summer to spring, rather than calendar year.

**Career & Technical Education (CTE) courses** - An approved, coherent sequence of academic and occupational courses within a CTE program that is articulated by a two-year certificate, degree, technical diploma or apprenticeship program at a postsecondary institution.

**Course Content & Outcome Guides (CCOGs)** - Portland Community College's course description and outcome guides. [www.pcc.edu/ccog](http://www.pcc.edu/ccog)

**Course Reference Number (CRN)** - A CRN is the 5-digit number assigned to each PCC course and used for registration purposes.

**Department of Community Colleges Workforce Development (CCWD)** - The State Board of Education and the CCWD distribute state aid to community colleges, approve new programs and courses, and adopt rules for the general governance of community colleges.

**Dual Credit** - Dual credit is defined as awarding secondary and postsecondary credit for a course offered in a high school during regular school hours, as determined by local school board and community college board policy. (*Accelerated College Credit Opportunities for Oregon High School Student-ODE Primer and OAR 589-007-0200*)

**Educational Advisory Council (EAC)** - PCC's EAC crafts and revises policies and standards pertaining to academic, curricular, student development, and student governance issues and makes recommendations to the district president. The EAC provides an opportunity for discussion and exchange of views regarding educational issues at PCC-whether initiated by students, faculty, staff, or administration.

**Full-time Equivalency (FTE)** - For each 510 hours of instructional time provided to students in select courses a college is awarded one FTE for reimbursement. College finding is based in part on the development of FTE. Also, see OAR 589-002-0100 (7).

**Pedagogical** - Pedagogy is the method and practice (also referred to as the science and art) of teaching, especially as an academic subject or theoretical concept.

**Student Handbook** - The Dual Credit student handbook is a guide for students and families regarding the dual credit program. It contains information on student expectations, responsibilities, grading, registrations procedures, and cost.

**Subject Area Committee (SAC)** - At PCC, the key elements of curriculum and instruction are developed by the SAC's which are comprised of the teaching faculty in the program/discipline.

**Lower Division Collegiate (LDC) courses** - Collegiate level work in areas of instruction that parallel the offerings of the first two years of Oregon's four-year institutions, and are generally accepted for transfer by Oregon's public higher education institutions. (OAR 581-006-0050(29)).  
<http://www.oregon.gov/CCWD/pdf/FTE/FTEGuidelines.pdf>

**Wiki Space** - The intended goal of the PCC Dual Credit Wiki Space was to provide online access for high schools and their PCC counterparts to share syllabi, teaching resources, rubrics, and best practices of the articulated courses. The Wiki Space is also a way to help PCC departments review/reference syllabi annually, as well as a way for departments to share their syllabi and course information with articulating high school faculty.