

PCC Dual Credit

Earn College Credit While in High School

2011–2012 Annual Report



**Portland
Community
College**

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PCC DUAL CREDIT-WHAT IS IT?

High school students in the Portland area are receiving college credits for high school courses through an “articulated” program at Portland Community College called PCC Dual Credit. There is no additional cost of tuition or fees to the student.

Two courses are said to be “articulated” when the high school course has the same content and outcomes as the college course. Although taught in the high school, the faculty qualifications, course materials, content and instructional quality are consistent with (or “articulated” with) courses offered by the community college.

Students can earn PCC credit in:

- University Transfer courses that count toward a Bachelor’s degree in subject areas like Literature, Engineering, Health, History, Math and Music, or
- Career & Technical Education courses which lead to Associate’s degree or certificate in programs such as Automotive Service Technology, Computer Applications Systems, Early Childhood Education, Welding, Building Construction Technology.

During 2011-12, there were 612 “articulated” Portland Community College courses taught at area high schools by approximately 149 approved high school faculty. These articulated courses provided 4,284 students the opportunity to transition smoothly to the next level of college courses following their high school graduation.

Benefits to Students:

- Increased enthusiasm and motivation among students
- Enhances ability and skills to do college level work and aids students in gaining confidence for college success
- Courses are taught by high school faculty who have been pre-qualified by Portland Community College academic departments and meet faculty hiring requirements
- Save money by receiving free college credit
- Shorten amount of time required to complete a college degree by developing a college transcript while in high school
- PCC credits are transferable to all college/universities within the Oregon University System, and many other institutions outside the state
- Research shows Dual Credit students are more likely to finish college and earn more credits by the 2nd year of college

Benefits to High Schools & PCC:

- Increased enthusiasm and motivation among instructors
- Brings Portland Community College and high school administrators and faculty together to develop curriculum, share instructional methods, ideas and experiences that benefit the students
- Reduced redundancy of courses between high school and college
- Coordinated curriculum helps to assure students meet college standards
- Opportunities to address equity concerns sometimes caused by big school/small school, or urban school/rural school issues
- Increased rigor of classes
- Meets the goals of new achievement compacts for students to earn 9 college credits before graduation

INSTRUCTOR QUALIFICATIONS

In order to establish a PCC Dual Credit Articulation Agreement, an instructor needs to "qualify" to teach at the community college, and a course needs to be "articulated" to the PCC course.

For Career & Technical Education (CTE) Instructors:

There are six ways to qualify, ranging from having a Master's Degree in the subject area and 3-years recent full time industry experience to an Associate's Degree and 5-years recent full time industry experience.

Listed below are the different criteria (any one of them) in general that a CTE instructor would need to qualify. For specific PCC Instructor Qualifications visit <http://www.pcc.edu/resources/academic/instructor-qualifications/index.html>.

- Master's degree in subject area and 3 years recent full time, non-teaching experience in the field
- Master's degree in related area plus 30 quarter hours graduate credit in upper division coursework in subject area, and 3 years recent full time, non-teaching experience in the field
- Bachelor's degree in subject area and 4 years recent full time, non-teaching work experience in the field
- Bachelor's degree in related area plus 30 quarter hours graduate credit in upper division coursework in subject area, and 4 years recent full time, non-teaching experience in the field
- AAS degree in subject area or professional education plus 5 years recent full time, non-teaching work experience in the field
- Demonstrated competency and/or qualifications set by licensing organizations in the field

For University Transfer Instructors:

The high school instructor would have to "qualify" as a college University Transfer instructor, which means they would need to have a Master's Degree in the subject area or related area (defined by the department).

Listed below are the different criteria (any one of them) a University Transfer instructor would need to qualify. For specific PCC Instructor Qualifications visit <http://www.pcc.edu/resources/academic/instructor-qualifications/index.html>.

- Master's degree in subject area
- Master's degree in related area plus 30 quarter hours graduate credit in subject area
- Demonstrated competency in field

High School instructors must provide the PCC Dual Credit program with a copy of their college transcripts and updated resume (if they're a Career and Technical Education instructor, a detail of industry related work experience is to be included). An unofficial copy of the transcript is acceptable to submit as long as it details the degree conferred and date of completion.

COURSE APPROVAL

High school instructors must submit a detailed course syllabus that includes all of the following:

1. High school name
2. Faculty name
3. Faculty office location, availability, phone extension and school district or MyPCC email address
4. High school course title, articulated PCC course title and number (example: Advanced Senior English, WR 121-English Composition)
5. School year
6. Overall contact/instructional hours for your course (must meet minimum stated on PCC's CCOG)
7. Course description (from CCOG)
8. CCOG (use hyperlink to course) or Course Outcomes (from PCC's Course Content and Outcome Guides www.pcc.edu/ccog)
9. High school course prerequisites, if any
10. Instructional materials (e.g. textbooks, supplies, equipment)
11. Major assignments and due dates or course outline (e.g. exams, final, essays, projects; may use hyperlink)
12. Grading criteria
13. Statement for PCC Grading Guidelines (Please use the following: For specific information related to PCC grading guidelines, please refer to the PCC Dual Credit Student Handbook accessible through your high school instructor and located at <http://www.pcc.edu/prepare/head-start/dual-credit/documents/student-handbook.pdf>. Information related to Add/Drop/Withdraw deadlines is also detailed in the Student Handbook.)
14. Attendance and make-up policies
15. Code of Student Conduct (reference your district policy)
16. Flexibility statement-Sample statement: The instructor reserves the right to modify course content and/or substitute assignments and learning activities in response to institutional, weather or class situations.

Submit your resume, transcripts, course syllabus and schedule of learning activities to Beth Molenkamp, PCC Dual Credit Coordinator by fax at 971-722-7805 or email to elizabeth.molenkamp@pcc.edu.

ARTICULATION AGREEMENTS

When approved, the PCC Dual Credit office will create an Articulation Agreement for signature by PCC and the high school.

Newly approved Dual Credit instructors will have an Articulation Agreement for Initial Approval. This initial articulation agreement will be for the current school year. If after the initial school year there are no changes to the agreement, then the following year they will roll to the 3-year Renewal Articulation Agreement which will be valid for three years as long as there are no changes to course content.

OREGON DUAL CREDIT STANDARDS

In May 2009, the Joint Boards of Education approved a motion presented by the Unified Education Enterprise Taskforce that recommended Oregon adopt the following dual credit standards. With this approval, by July 2013, Oregon community colleges and universities offering dual credit must operate in accordance with the standards.

Portland Community College was approved in the winter of 2011.

- Specifically, there are three areas in which the Taskforce recommends needed focus in Oregon.
Strengthening faculty connections
 - ◇ Regular, collegial interactions between high school faculty and their counterparts at sponsoring college and universities are key to the success of these programs. Such interactions characterize some programs already, but they need to be developed and maintained throughout the state.
 - ◇ The pool of high school teachers qualified to participate in dual credit programs should be expanded.
- Adopting systematic application and review processes for Dual Credit programs
 - ◇ A standardized application process for new programs is needed
 - ◇ Individual programs should take advantage of system-level (CCWD and OUS) studies of the subsequent academic performance of Dual Credit students. These biennial studies, which were piloted in AY2007-08, will be supplemented on the “off year” by more focused analysis of questions or trends that emerge from the data (for example: persistence of dual credit students in math or writing).
 - ◇ A sustainable means for verifying program quality is needed.
- Enhancing public understanding of Dual Credit programs
 - ◇ Dual Credit programs should be continued and effectively publicized. They should be recognized as one of the key paths for academic acceleration.
 - ◇ Evidence of best practices and student success should be gathered systematically and shared regularly – both with faculty in the programs and with the public.

Glossary of Terms:

Career & Technical Education (CTE): A program of study at the secondary and postsecondary levels that is a key component of Oregon’s education and workforce development system. CTE integrates technical career skill proficiencies with academic content and prepares students for the workplace, further education, training and family and community roles.

University Transfer (UT) 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)).

40-40-20 Goal: Education initiative of Oregon Governor Theodore Kulongoski. 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).

Curriculum 1 (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 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.
Curriculum 2 (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.
Curriculum 3 (C3)	College or university courses administered through dual credit programs reflect the pedagogical, theoretical and philosophical orientation of the colleges' and universities' sponsoring academic departments.
Faculty 1 (F1)	Instructors teaching college or university courses through dual credit meet the academic requirements for faculty and instructors teaching in post-secondary institutions as stipulated by the respective academic departments.
Faculty 2 (F2)	The post secondary institution 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/university courses.
Faculty (F3)	Instructors teaching dual credit sections are part of a continuing collegial interaction, through professional development, seminars, site visits, and ongoing communication with the post-secondary institutions' faculty and dual credit administration. This interaction addresses issues such as course content, course delivery, assessment, evaluation, and professional development in the field of study.
Students 1 (S1)	High school students enrolled in courses administered through dual credit programs are officially registered or admitted as degree-seeking, non-degree or non-matriculated students of the sponsoring post-secondary institution.
Students 2 (S2)	Post-secondary institutions outline course requirements and prerequisites.
Students 3 (S3)	High school students are provided with a student guide that outlines their responsibilities as well as guidelines for the transfer of credit.
Assessment 1 (A1)	Dual credit students are held to the same standards of achievement as those expected of students in on-campus sections.
Assessment 2 (A2)	Every section of a course offered through dual credit is regularly reviewed by faculty from that discipline and dual credit staff to assure that grading standards meet or exceed those in on-campus sections.
Assessment 3 (A3)	Dual credit students are assessed using similar methods (e.g. papers, portfolios, quizzes, labs, etc.) as their on-campus counterparts.

OREGON DUAL CREDIT SURVEYS

DO DUAL CREDIT STUDENTS CONTINUE IN POST-SECONDARY EDUCATION?

The 2,104 high school students enrolled in PCC Dual Credit courses in 2006-07 were tracked for subsequent enrollment at a post-secondary institution. A four-year time period was evaluated since the cohort included all grade levels of PCC Dual Credit students and not just those who were high school seniors.

A student's post-secondary institution was based on the first enrollment found anytime Fall 2007 (September through December) through Spring 2011 (March through June). Subsequent reverse transfers (i.e. a university student later enrolling at a community college) or a swirling (a student alternating enrollment between a university and community college) were not addressed.

Findings:

Approximately 77% (1,614 students) enrolled in a college or university.

- Of these students, 782 attended PCC and 832 enrolled elsewhere.
- Those enrolling elsewhere were likely to attend Oregon State University (178 students), Portland State University (121 students) or University of Oregon (104 students).

Students previously in University Transfer dual credit courses were more likely to pursue post-secondary education than Career & Technical Education dual credit standards.

- Of the 900 students who completed University Transfer division transfer dual credit courses and enrolled in college.
 - ◊ 350 attended PCC and
 - ◊ 550 attended an institution other than PCC.
- Of the 832 former Career & Technical Education students who enrolled in college
 - ◊ More than one-half (494 students) chose PCC and
 - ◊ 338 enrolled in an institution other than PCC.

Notes:

PCC Dual Credit students were identified as being enrolled in CRNs with P or A session codes.

A total of 2,104 records were to the National Clearinghouse. Records were not returned for students enrolled at institutions that do not participate in the Clearinghouse or for students who have privacy blocks.

Students who completed both Career & Technical Education and University Transfer courses and enrolled in college are included with each course type (double counted). Thus the combined found enrolled in higher education (900+832) is more than the unduplicated count (1,614) of students in higher education.

DO HIGH SCHOOL STUDENTS WHO TAKE DUAL CREDIT COURSES SUCCEED WHEN THEY GO ON TO COLLEGE?

An array of evidence from the OUS Office Institutional Research, working with the Office of Community College and Workforce Development says that dual credit students do succeed:

- *Dual credits students have a higher college participation rate than high school graduates overall.* Of Oregon's dual credit seniors in 2007-08, 81.4% continued to some form of post-secondary education by the following winter, compared to 72.6% of Oregon's high school graduating class of 2005, the last year statewide participation rates were available.
- *Dual credit students who go on to college continue to the second year at a higher rate than freshmen who enter college without having earned dual credit.* Within the cohort of freshmen who entered OUS in fall 2008, 87.0% of those who took dual credit in 2007-08 continued to the second year of college, compared to 79.9% of those who did not. The correlation between dual credit enrollment and freshman persistence exists even after controlling for academic strength and other predictive influences on student advancement.
- *Among freshmen who continue to the second year of college, dual credit participants earn a higher first year GPA.* For the population of freshmen entering OUS in 2008-09 and returning the following year, those who took high school dual credit in 2007-08 completed the first year of college with an average GPA of 3.13, compared to 2.97 for those who did not take dual credit.
- *Students who continue to the second year of college accumulate more college credit if they take dual credit in high school.* In 2008-09, among freshmen new to OUS who returned the following year, dual credit and non-dual credit students alike completed an average of 44 credits. But dual credit students amassed far more cumulative credit. By the start of the second fall, they had accumulated 61.3 college credits, more by almost a full term's worth than the 49.8 credits accumulated by their classmates who took no dual credit in high school.

DOES DUAL CREDIT INSTRUCTION DO AS WELL AS COLLEGE-SITUATED INSTRUCTION IN PREPARING STUDENTS FOR SUBSEQUENT COURSEWORK?

The short answer to the question is yes.

The 2010 Follow-up Study of Dual Credit in Oregon identifies a number of core University Transfer sequences—in writing, math, and Spanish—where success in the final course of the sequence can be presumed to depend on knowledge gained in the prerequisite. When dual credit students who take the prerequisite in high school and the final course in college are compared to their college classmates who take the entire sequence in college, it turns out they pass the final course in proportions that are substantially equivalent to those of their college prepared classmates. It follows that dual credit high school instruction must have done as good a job as college-situated instruction in readying students for the final course of the sequence.

OREGON ACHIEVEMENT COMPACTS

DUAL CREDIT'S ROLE IN THE NEW OREGON ACHIEVEMENT COMPACTS

One of the most significant sections of the new Achievement Compacts as it relates to Dual Credit is the “College and Career Ready” component. Within this section it is mandated that all high school students earn nine or more college credits before their high school graduation. At first glance this might appear an unrealistic expectation. However, PCC Dual Credit has been doing just that since 1998.

Students earn college credit from PCC at no financial cost. They develop the college readiness skills needed to transition to college to earn a degree or certificate. In Career and Technology Education (CTE) courses, students develop work readiness skills that prepare them for a career as well as further education. Additionally, the college level qualifications of the approved teachers and the articulated coursework raise the rigor of the high school experience. This system also supports the mandate for equity within the Achievement Compacts. Any school can participate as long as there are qualified teachers willing to coordinate their programs with PCC guidelines.

The Oregon Legislature's broad steps towards renewing their efforts to support, fund, and monitor the progress of education in the state led to the development of the Achievement Compacts. The Governor and the Oregon Education Investment Board (OEIB) are committed to implementing these compacts.

The goal that Oregon becomes a universally well-educated state is defined in Senate Bill 253 (2011), which defines the state's goals for high school and completion by 2025 to be:



- 40% of adult Oregonians have earned a bachelor's degree or higher;
- 40% of adult Oregonians have earned an associate's degree or post-secondary credential as their highest level of educational achievement; and,
- The remaining 20% or less of all adult Oregonians have earned a high school diploma, an extended or modified high school diploma, or the equivalent of a high school diploma as their highest level of achievement.

A significant component to the Achievement Compacts is that it will replace provisions of the No Child Left Behind (NCLB), act with more supportive and flexible systems that demonstrate accountability and skill development rather than just test scores and punitive measures for schools that couldn't measure up. PCC Dual Credit is a tangible and measureable answer to identifying what students have learned and the skills that they have acquired.

PCC Dual Credit will continue to strengthen the connections between high schools and community college and also between community college and the Oregon University System. By sharing our strategies, collaboration, and course alignment we will continue to build a bridge between these various institutions and provide educational opportunities for the students of Oregon. PCC Dual Credit looks forward to our continued role in the education of Oregon's youth.

Achievement Compacts for 2012-13

Outcome Measure for Progress, Completion and Connections Across the P-20 Continuum

	Early childhood K-12 Connections	Progress through K-12	K-12 Completion	High School College Connections	Progress through College	College Completion	Connections CC's Colleges Work/Society
Early childhood*	Kindergarten readiness***						
K-12	Kindergarten readiness assessment***	3rd Grade Reading 3rd Grade math 6th Grade attendance 9th Grade attendance/credits Focus/priority schools	4-year graduation rate 5-year graduation rate 5-year completion rate (GEDs, modified, extended, Adult high school diplomas)	Earning 9+ college credits in high school Post-secondary enrollment within 16 months			
Community Colleges				Dual enrolled in high school Adult high school diplomas/GEDs	Dev. writing completers Dev. math completers Earn 15/30 credits/year Pass national licensure exam	Certificates/Oregon Transfer Module Associate Degrees Programs of study***	Dual enrolled in OUS Transfers to 4- year institutions Transfer to OUS Employment***
University System				Oregon freshmen entering with high school dual credit		BA/BS degrees -- Oregonians -- Rural Oregonians Advanced degrees	BA/BS degrees to CC transfer students Employment** Employer & alumni satisfaction***

- * Contracts to take effect in 2013-15
- ** To be completed during 2012-13
- *** Under development for 2013-14

ARTICULATION CONNECTIONS MEETINGS

Connections meetings provide a forum for high school and Portland Community College faculty, administrators, career counselors, advisors and other interested individuals to discuss current issues and trends that educators and industry are encountering in preparing students for the workforce. They are an opportunity to share promising practices, research and resources.

During the 2011-12 school year, 9 different Connections meetings were held, covering 13 different program areas with 124 total participants. The meetings were focused on the new Oregon Dual Credit Standards, course content, course delivery, assessment, evaluation, and professional development in the field of study.

The Connections meetings are critical in meeting the Oregon Dual Credit Standards directed at faculty and making sure both the high school and college instructors are part of a continuing collegial interaction through professional development, seminars, site visits, and ongoing communication.

PCC PROGRAM WORKSHOPS

The PCC Dual Credit program provided an opportunity for articulating high school faculty to come to PCC and attend intensive workshops and training sessions in their subject area.

Workshops were held for Automotive Maintenance Technology, Building Construction Technology, CNC/Mastercam, English/Writing, Fire Protection, Medical Professions and Welding.

The feedback from the 74 faculty members that attended was extremely positive. The PCC Dual Credit program will be looking for ways to expand professional development opportunities like these to more program areas throughout the 2012-13 school year.

TEACHERS IN TRAINING (TinT) SESSIONS

An opportunity was provided to articulating PCC Dual Credit high school faculty to attend a training session that would give them the basic skills on how to bring technology into the classroom.

The training sessions were held on four individual days, one on each of PCC's main campuses. Instruction was provided on the following applications: MyPCC, MyAcademic Plan, GRAD Plan, Prezi, Google Apps (Google Docs, Reader, Research Tools), Wiki Space and Elluminate.

Attendees found these training sessions to be tremendously beneficial, so much so that the PAVTEC/PCC Dual Credit offices will host another offering of training sessions in October of 2012.

TUITION REIMBURSEMENT

Articulating high school instructors are eligible for tuition reimbursement for coursework taken at Portland Community College. Only PCC credit courses taken at PCC in the instructor's subject area are reimbursable (job related to current school assignment). Contact the PCC Dual Credit office at 971-722-7737 for further information.

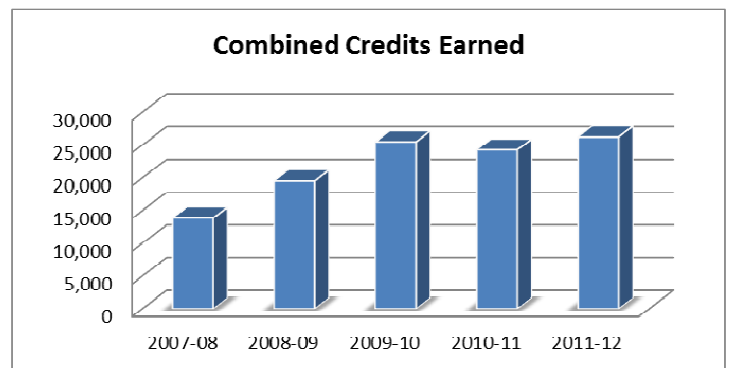
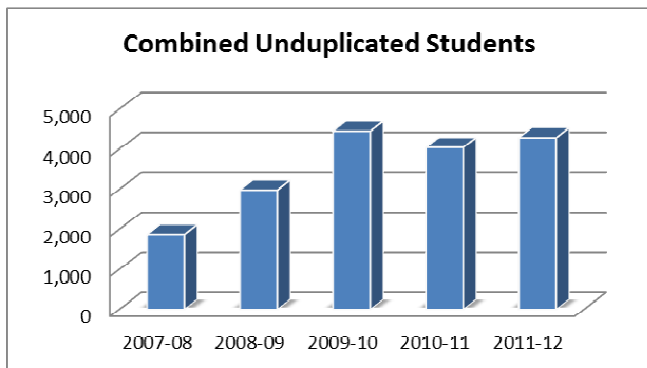
THE LAST FIVE YEARS

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

Currently there are 46 high schools articulating PCC Dual Credit. In 2011-12, the PCC Dual Credit program registered 4,284 students who earned 26,243 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 parents) of \$2,073,197 in PCC tuition. The PCC Dual Credit program generated approximately 821 FTE for PCC from the state of Oregon.

SCHOOL YEAR	FACULTY	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
2007-08	128	1,870	13,886	\$65,450	\$878,798
2008-09	140	2,983	19,530	\$104,405	\$1,262,695
2009-10	172	4,447	25,490	FREE	\$1,937,240
2010-11	167	4,042	24,260	FREE	\$1,843,760
2011-12	149	4,284	26,243	FREE	\$2,073,197



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

**As of fall 2009 there are no costs incurred for PCC Dual Credit students. Prior to fall 2009 the fee was \$35 for all credits earned during the academic year.

***Savings to students equals the total value of credits at \$79 per credit (minus the \$35 fee charged to each student prior to 2009-10).

HIGHLIGHTS FOR 2011-12

Congratulations to all the PCC Dual Credit Faculty members and students. We had a wonderful year with a 15% increase in the number of faculty approved to teach PCC Dual Credit classes, and a 9% increase in the total courses offered.

Our team of approved PCC Dual Credit High School Faculty and our PCC Faculty who support the high school programs continue to serve the community with outstanding educational opportunities.

23 NEW HIGH SCHOOL INSTRUCTORS APPROVED

NAME	HIGH SCHOOL	PCC COURSE(S)
Misty Scevola	Alliance High School at Meek	BI 101, 102, 103
Jeanette Pelster	Benson High School	CAS 206, 208
Michael Ball	Cleveland High School	MTH 251, 252
Colleen Loprinzi	Cleveland High School	HST 201, 202, 203
Neil Borzcik	Forest Grove High School	ESR 171
Tim Biamont	Franklin High School	BA 111, CAS 109, 121, 170
Clara Cook	Franklin High School	BA 111, CAS 109, 121, 133
Amy Lindahl	Grant High School	BI 101, 102
Amy Hargrave-Ellis	Jefferson High School	ART 115
Dave Matthys	Lake Oswego High School	MUS 195
Daniel Fredgant	Madison High School	WR 121
Gillian Davis	Madison High School	MP 111
Catherine Kernodle	Newberg High School	ENG 104, 105, 213, WR 121
Robyn Grabhorn	Scappoose High School	ECE 120, 132
Karen Brundage	Sherwood High School	BI 121, BI 122
Joe Mauck	St. Helens High School	BCT 103, 106, 218
Nicole Taylo	Sunset High School	BA 101
Michael Weitzhandler	Tigard High School	BI 101
Chris Martin	Westview High School	CG 100C
Susan Long	Westview High School	CG 100C
Ed Whitlock	William P. Lord High School	MUS 190
Martin Douglass	Wilson High School	CAS 208
Judy Morris-Green	Wilsonville High School	ARCH 111

11 ARTICULATING INSTRUCTORS ADDED NEW COURSES

NAME	HIGH SCHOOL	PCC COURSE(S)
Paul Reetz	Alliance at Meek High School	MCH 290, 293
Stacey Armstrong	Beaverton High School	CAS 121A
Emily Ramberg	Beaverton High School	CAS 121A
Kathryn Robinson	Beaverton High School	CAS 121A
Chris Winikka	Century High School	CAS 206
Pete Rusaw	Forest Grove High School	MTH 253
Rita Jukkala	Glencoe High School	MP 109
Dave Matthys	Lake Oswego High School	MUC 154B, 154C
Drea Ferguson	Newberg High School	WR 121
Allison deFreese	Rosemary High School	ENG 104
Greg Ptaszynski	Sherwood High School	MTH 244

TOP 5 ARTICULATING HIGH SCHOOLS

CREDITS EARNED			UNDUPLICATED STUDENTS		
1.	Sherwood	3,447	1.	Sherwood	411
2.	Tigard	2,788	2.	Franklin	362
3.	Newberg	2,241	3.	Forest Grove	265
4.	Cleveland	1,565	4.	Tigard	256
5.	Forest Grove	1,529	5.	Beaverton HS	220

TOP 5 ARTICULATING INSTRUCTORS

	NAME	HIGH SCHOOL	CREDITS	SUBJECT
1.	Dave Unis	Tigard	1,044	History
2.	Colleen Loprinzi	Cleveland	888	History
3.	Teresa Swake	Sherwood	804	Math
4.	Murray Carlisle	Tigard	728	History
5.	Nancy Peterson	Central Catholic	684	Computer Applications

SAVINGS AND DIRECT COSTS TO STUDENTS

SCHOOL	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Alliance at Meek ProTech	2	8	FREE	\$632
ACMA	15	74	FREE	\$5,846
Aloha	199	1,214	FREE	\$95,906
Banks	39	525	FREE	\$41,475
Beaverton	220	963	FREE	\$76,077
BSD Options Program	158	772	FREE	\$60,988
Benson	112	1,235	FREE	\$97,565
Canby	34	102	FREE	\$8,058
Central Catholic	171	684	FREE	\$54,036
Century	111	416	FREE	\$32,864
Clark County Skills Center	59	177	FREE	\$13,983
Cleveland	150	1,565	FREE	\$123,635
Early College	151	485	FREE	\$38,315
Forest Grove	265	1,529	FREE	\$120,791
Franklin	362	1,455	FREE	\$114,945
Gaston	24	75	FREE	\$5,925
Glencoe	194	855	FREE	\$67,545
Grant	52	376	FREE	\$29,704
Hillsboro	65	287	FREE	\$22,673
Horizon Christian	20	168	FREE	\$13,272
Jefferson	8	47	FREE	\$3,713
Lake Oswego	32	106	FREE	\$8,374
Lakeridge	90	618	FREE	\$48,822
Liberty	137	991	FREE	\$78,289
Madison	101	420	FREE	\$33,180
McMinnville	64	260	FREE	\$20,540

SCHOOL	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Merlo Station	46	255	FREE	\$20,145
Newberg	188	2,241	FREE	\$177,039
Portland YouthBuilders	23	93	FREE	\$7,347
Rex Putnam	24	96	FREE	\$7,584
Riverdale	5	20	FREE	\$1,580
Rosemary Anderson	12	49	FREE	\$3,871
Sabin-Schellenberg	54	219	FREE	\$17,301
Scappoose	15	40	FREE	\$3,160
Sherwood	411	3,447	FREE	\$272,313
South Albany	63	180	FREE	\$14,220
Southridge	66	264	FREE	\$20,856
St. Helens	62	385	FREE	\$30,415
Sunset	62	176	FREE	\$13,904
Tigard	256	2,788	FREE	\$220,252
Tualatin	40	200	FREE	\$15,800
Vernonia	0	0	FREE	\$0
Westview	83	269	FREE	\$21,251
William P. Lord	5	10	FREE	\$790
Wilson	30	90	FREE	\$7,110
Wilsonville	4	14	FREE	\$1,106
Totals	4,284	26,243	FREE	\$2,073,197

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

**As of fall 2009 there are no costs incurred for PCC Dual Credit students. Prior to fall 2009 the fee was \$35 for all credits earned during the academic year.

***Savings to students equals the total value of credits at \$79 per credit (minus the \$35 fee charged to each student prior to 2009-10).

CAREER & TECHNICAL EDUCATION

There were 2,571 Career & Technical Education (CTE) high school students who earned PCC Dual Credit during the 2011-12 school year, giving them a jump start on their post-secondary education. These students earned 10,946 PCC in CTE credits.

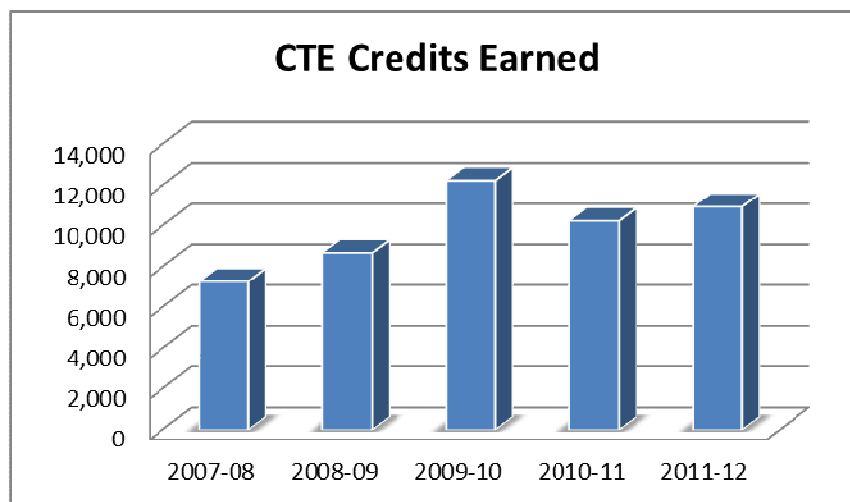
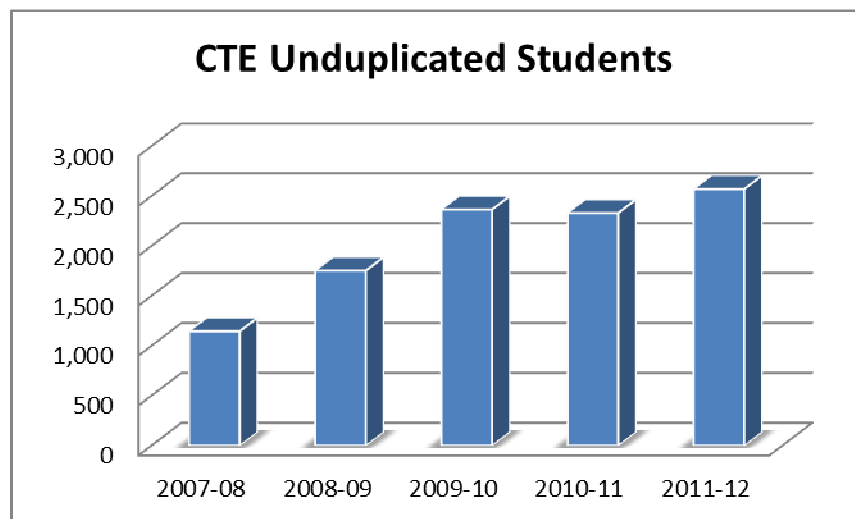
In 2011-12, there were 21 CTE program areas and 430 courses offered for Dual Credit. The following chart details how many students and credits were awarded in the specific PCC CTE program areas.

PCC CTE PROGRAM AREA	SCHOOLS	FACULTY	UNDUPLICATED STUDENTS*	CREDITS EARNED
Architectural Design & Drafting (ARCH)	7	7	76	300
Automotive Service Technology (AM)	7	6	130	1,012
Building Construction Technology (BCT)	11	12	248	975
Computer Aided Design & Drafting (DRF)	9	9	175	1,016
Computer Applications Systems (CAS)	13	20	1,092	4,019
Computer Information Systems (CIS)	1	1	4	16
Early Childhood Education and Family Studies (ECE)	8	8	203	665
Electrical Trades (ELT)	1	1	12	24
Electronic Engineering Technology (EET)	1	1	0	0
Emergency Medical Services (EMS)	2	2	35	105
Facilities Maintenance Technician (FMT)	1	1	12	24
Fire Protection (FP)	4	4	70	442
Landscape Technology (LAT)	3	3	38	131
Machine Manufacturing Technology (MCH)	8	8	175	1364
Medical Professions (MP)	7	11	208	532
Management & Supervisory Dev. (MSD)	1	1	12	36
Microelectronics Technology (MT)	1	1	0	0
Office Systems (OS)	1	1	16	16
Professional Music (MUC)	1	1	18	42
Welding (WLD)	8	8	47	225

THE LAST FIVE YEARS OF CTE

SCHOOL YEAR	SCHOOLS	FACULTY	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
2007-08	36	87	1,146	7,282	\$495,176
2008-09	32	89	1,753	8,684	\$607,880
2009-10	35	100	2,365	12,242	\$930,392
2010-11	37	99	2,330	10,252	\$779,152
2011-12	35	106	2,571	10,946	\$864,734

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



CTE PCC COURSES

Following is a list of Career & Technical Education courses at PCC that have previously been approved to articulate with high schools. Courses articulated for PCC Dual Credit are not limited to this list.

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Automotive Service Technology	AM 100	Introduction to Automotive	4
	AM 111	Engine Repair	4
	AM 151	Undercar Systems I	4
	AM 161	Electrical I	4
Architectural Design & Drafting	ARCH 100	Graphic Communication for Designers	3
	ARCH 101	Architectural Graphics I	3
	ARCH 111	Working Drawings I	3
	ARCH 126	Introduction to AutoCAD	3
	ARCH 136	Intermediate AutoCAD	3
	ARCH 140	Introduction to Chief Architect	3
	ARCH 200	Intro to Architecture	4
Building Construction Technology	BCT 100	Overview of Construction	3
	BCT 102	Residential Printreading	3
	BCT 104	Construction Math	3
	BCT 106	Hand Tool/Power Tool Use and Safety	3
	BCT 120	Floor Framing	3
	BCT 121	Wall Framing	3
	BCT 127	Concrete Construction I	6
	BCT 128	Exterior Finish	6
	BCT 216	Cabinetry I	2
	BCT 217	Cabinetry II	2
	BCT 218	Woodworking Projects	2
	BCT 206	Sustainable Construction Practices	3
	BCT 226	Finish Carpentry	2

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Computer Applications Systems	CAS 103	Introduction to Windows	1
	CAS 104	Basic Internet Skills	1
	CAS 106	Introduction to X/HTML	1
	CAS 109	Beginning PowerPoint	1
	CAS 111D	Beginning Website: Dreamweaver	3
	CAS 111F	Beginning Website: FrontPage	3
	CAS 121	Beginning Keyboarding	3
	CAS 121A	Beginning Keyboarding	1
	CAS 133	Basic Computer Skills/MS Office	4
	CAS 140	Beginning Access	3
	CAS 170	Beginning Excel	3
	CAS 170A	Beginning Excel	1
	CAS 175	Introduction to Flash	3
	CAS 206	Principles of HTML/XHTML	4
	CAS 208	Beginning Photoshop for the Web	3
	CAS 216	Beginning Word	3
	CAS 216A	Beginning Word	1
	CAS 246	Integrated Computer Projects	4
Computer Information Systems	CIS 120	Computer Concepts I	4
	CIS 121	Computer Concepts II	4
	CIS 122	Software Design	4
	CIS 133B	Intro to Visual Basic.NET Programming	4
	CIS 133J	Java Programming I	4
Civil/Mechanical Engineering Technology	CMET 113	Engineering Technology Graphics	3
	CMET 133	Materials Technology	3
Computer Aided Design & Drafting	DRF 117	Drafting Fundamentals	4
	DRF 126	Introduction to AutoCAD	3
	DRF 133	Intermediate Drafting	4

CTE PCC COURSES

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Computer Aided Design & Drafting	DRF 135	Advanced Drafting	3
	DRF 136	Intermediate AutoCAD	3
	DRF 185	AutoCAD Inventor-Fundamentals	3
	DRF 246	AutoCAD 3-D and Solid Modeling	3
	DRF 270	SolidWorks Fundamentals	3
	DRF 285	AutoCAD Inventor-Advanced	3
Early Childhood Education & Family Studies	ECE 120	Intro to Early Ed and Family Studies	3
	ECE 132	Early Childhood Field Work	2
Electronic Engineering Technology	EET 111	Electrical Circuit Analysis I	5
	EET 121	Digital Systems I	3
	EET 178	PC Architecture for Technicians	4
Electrical Trades	ELT 201	Electrical Motor Control	2
Emergency Medical Services	EMS 105	EMS Basic Part I	5
	EMS 106	EMS Basic Part II	5
	EMS 120	EMS: First Responder	3
Facilities Maintenance Technology	FMT 101	Refrigeration I	2
	FMT 102	Refrigeration II	2
	FMT 111	Refrigeration Electrical I	2
	FMT 112	Refrigeration Electrical II	2
Fire Protection	FP 101	Introduction to Fire Protection	3
	FP 123	Hazardous Materials Technician I	3
	FP 133	Wildland Firefighter	3
	FP 280B	Cooperative Education: Fire Science Seminar	2
Horticulture	HOR 226	Plant Materials-Deciduous	4

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Horticulture	HOR 227	Plant Materials-Evergreens	4
	HOR 228	Plant Materials-Flowering	4
	HOR 255	Spring Annuals and Perennials	3
	HOR 290	Introduction to Landscape Design	3
Interior Design	ID 131	Introduction to Interiors	3
Landscape Technology	LAT 104	Pesticides	3
	LAT 106	Basic Horticulture	4
	LAT 109	Plant Propagation	3
	LAT 110	Grounds Maintenance	4
	LAT 111	Landscape Construction Practices	3
Machine Manufacturing Technology	MCH 100	Machine Tool Basics	1
	MCH 105	Blueprint Reading I	1.5
	MCH 110	Blueprint Reading II	1.5
	MCH 120	Machine Shop Math	2
	MCH 123	Sheet Metal Fabrication	4
	MCH 125	Speeds and Feeds	1
	MCH 135	Basic Measuring Tools	1.5
	MCH 145	Layout Tools	1.5
	MCH 150	Precision Measuring Tools	1.5
	MCH 157	Project Machine Tech I	1.5
	MCH 158	Project Machine Tech II	3
	MCH 160	Drilling Machines and Operations	2
	MCH 175	Band Saws	1.5
	MCH 180	Turning Machines and Operations	4
	MCH 195	Threading on the Lathe	3.5
	MCH 205	Vertical Milling Machine and Operations	3.5
	MCH 210	Projects Machine Technology IV	6
	MCH 229	Rapid Prototyping	5
	MCH 272	Mastercam Level I	5
	MCH 290	Mastercam Fundamentals Orientation	1

CTE PCC COURSES

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Machine Manufacturing Technology	MCH 291	Laser Cutting and Engraving Fundamentals	1
	MCH 292	FDM Additive Manufacturing Fundamentals Orientation	1.5
	MCH 293	CNC Router Fundamentals Orientation	1
	MCH 294	3 Dimensional Digital Laser Scanning Fundamentals	1.5
Medical Professions	BI 55	Human Biology	4
	MP 109	Basic Medical Terminology I	2
	MP 110	Basic Medical Terminology II	2
	MP 111	Medical Terminology	4
Management & Supervisory Development	MSD 101	Principles of Management & Supervision	3
	MSD 121	Leadership Skill Development	3
Microelectronics Technology	MT 101	Intro to Semiconductors Manufacturing	1
	MT 102	Intro to Semiconductors Development	1
	MT 103	Intro to Micro and Nano Process	1
	MT 111	Electronic Circuits & Devices I	4
	MT 121	Digital Systems I	3
Office Systems	OS 131	10-Key Calculator	1
Professional Music	MUC 154A	Band Performance Workshop	2
	MUC 154B	Band Performance Workshop	2
	MUC 154C	Band Performance Workshop	2
Welding	WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting	4
	WLD 112	SMAW: Mild Steel I (E7018)	4
	WLD 113	SMAW: Mild Steel II (E7018)	4
	WLD 114	SMAW: Mild Steel III (E6011)	3

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Welding	WLD 115	SMAW: Mild Steel IV (E6011)	3
	WLD 131	Gas Metal Arc Welding	3
	WLD 141	Flux-Cored Arc Welding I	3
	WLD 151	SMAW Certification Practice: Unlimited Thickness Mild Steel	3
	WLD 253	SMAW Certification Practice: 3/8" Mild Steel (E6011)	3
	WLD 254	SMAW Certification Practice: 3/8" Mild Steel (E6011)	3
	WLD 261	Basic Fabrication I	6
	WLD 271	Oxy-acetylene Welding Projects	3

DID YOU KNOW?

In 2011-12, PCC Dual Credit involved,
 18 school districts,
 46 high schools,
 149 articulating faculty members,
 183 articulation agreements,
 and 42 PCC programs.

UNIVERSITY TRANSFER

There were 2,552 University Transfer (UT) high school students who earned PCC Dual Credit during the 2011-12 school year, giving them a jump start on their post-secondary education. These students earned 15,305 PCC in UT credits.

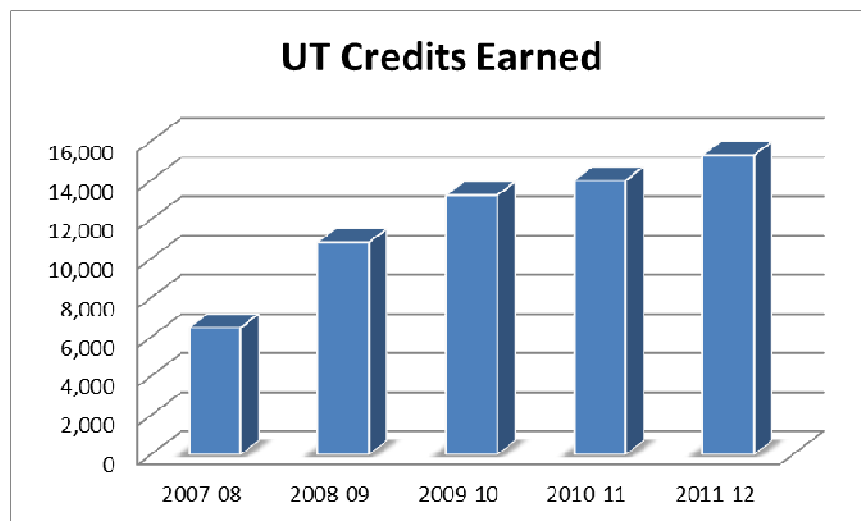
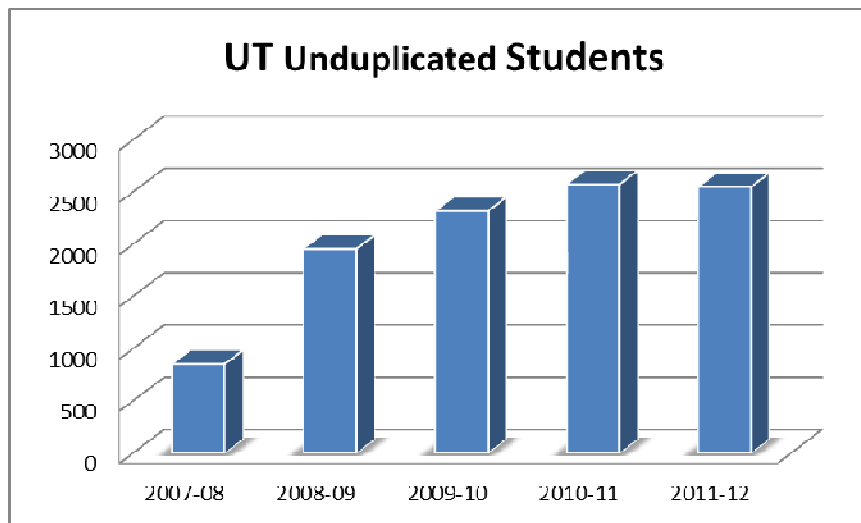
In 2011-12, there were 24 UT program areas and 194 courses offered for Dual Credit. The following chart details how many students and credits were awarded in the specific PCC UT program areas.

PCC PROGRAM AREA	NUMBER OF HIGH SCHOOLS	FACULTY	UNDUPLICATED STUDENTS	CREDITS EARNED
American Sign Language (ASL)	1	1	66	264
Anthropology (ATH)	1	1	28	112
Art (ART)	1	1	5	15
Biology (BI)	5	6	277	1,804
Business Administration (BA)	3	5	76	262
Career Guidance (CG)	4	8	217	579
Criminal Justice (CJA)	2	2	59	177
Crop Soil Science (CSS)	1	1	4	12
Dance (D)	2	4	20	109
Engineering (ENGR)	2	2	17	17
English (ENG)	6	7	268	1,264
Environmental Studies (ESR)	2	2	52	208
General Science (GS)	1	1	12	48
German (GER)	1	1	32	256
Health (HE)	4	7	157	602
History (HST)	4	5	299	3,244
Math (MTH)	7	13	574	4,774
Music (MUS)	3	3	28	33
Physics (PHY)	1	1	0	0
Psychology (PSY)	1	1	105	496
Reading (RD)	1	1	7	21
Spanish (SPA)	1	1	81	336
Theatre Arts (TA)	1	1	24	96
Writing (WR)	6	7	144	576

THE LAST FIVE YEARS OF UT

SCHOOL YEAR	SCHOOLS	FACULTY	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
2007-08	29	41	855	6,492	\$441,456
2008-09	30	62	1,958	10,846	\$759,220
2009-10	35	72	2,319	13,248	\$1,006,848
2010-11	33	68	2,576	14,008	\$1,064,608
2011-12	31	82	2,552	15,305	\$1,209,095

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



UT PCC COURSES

Following is a list of University Transfer courses that have previously been approved to articulate with high schools. Courses articulated for PCC Dual Credit are not limited to this list.

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Art	ART 115	Basic Design-2D Foundations	3
	ART 131	Introduction to Drawing	3
	ART 142	Intro to Photography (Darkroom)	3
	ART 218	Lettering & Calligraphy I	2
	ART 220	Advanced Lettering and Seminar	2
American Sign Language	ASL 101	First Year American Sign Language I	4
	ASL 102	First Year American Sign Language II	4
	ASL 103	First Year American Sign Language III	4
Anthropology	ATH 102	Introduction to Archaeology & Prehistory	4
Business Administration	BA 101	Introduction to Business	4
	BA 111	Introduction to Accounting	3
Biology	BI 101	Biology	4
	BI 102	Biology	4
	BI 103	Biology	4
	BI 121	Intro to Human Anatomy & Physiology I	4
	BI 122	Intro to Human Anatomy & Physiology II	4
Career Counseling & Guidance	CG 100A	College Survival and Success	3
	CG 100B	College Survival and Success	2
	CG 100C	College Survival and Success	1
	CG 111A	Study Skills for College Learning	3
	CG 111C	Study Skills for College Learning	1
	CG 130	Today's Careers	2
	CG 140A	Career & Life Planning	3
	CG 140B	Career & Life Planning	2
	CG 140C	Career & Life Planning	1

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Criminal Justice	CJA 100	Intro to Professions in Criminal Justice	3
	CJA 111	Intro to Criminal Justice System-Police	3
	CJA 112	Intro to Criminal Justice System-Courts	3
	CJA 113	Intro to Criminal Justice System-Corrections	3
	CJA 215	Forensic Science & Criminalistics	3
Computer Science	CS 133G	Introduction to Computer Games	4
	CS 160	Exploring Computer Science	4
	CS 161	Computer Science I	4
	CS 162	Computer Science II	4
Crop Soil Science	CSS 200	Soils and Plant Nutrition	3
Dance	D 150	Jazz Dance I	1
	D 151	Jazz Dance II	1
	D 192A	Ballet I	1
	D 192B	Ballet II	1
	D 192D	Modern Dance II	1
	D 209	Dance Performance	3
	D 252	Jazz Dance III	1
	D 292	Ballet III	1
Education	ED 109	Library Procedures	3
	ED 111	Selection of Library Materials	3
English	ENG 104	Introduction to Literature (Fiction)	4
	ENG 105	Introduction to Literature (Drama)	4
	ENG 106	Introduction to Literature (Poetry)	4
	ENG 213	Latin American Literature	4
	ENG 254	Survey of American Literature	4
Engineering	ENGR 100	Exploring Engineering	1
	ENGR 101	Engineering Fundamentals	4
Environmental Studies	ESR 171	Environmental Science: Biological Perspectives	4
German	GER 101	First Year German	4

UT PCC COURSES

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
German	GER 102	First Year German	4
General Science	GS 108	Physical Science (Oceanography)	4
Health	HE 112	First Aid and Emergency Care	1
	HE 250	Personal Health	3
	HE 252	First Aid-Basics and Beyond	4
History	HST 101	Western Civilization: Ancient World to Early Medieval Europe	4
	HST 102	Western Civilization: Medieval to Early Modern Europe	4
	HST 103	Western Civilization: Modern Europe	4
	HST 201	History of the United States I	4
	HST 202	History of the United States II	4
	HST 203	History of the United States III	4
Japanese	JPN 102	First Year Japanese	5
Math	MTH 95	Intermediate Algebra	4
	MTH 111	College Algebra	5
	MTH 112	Elementary Functions	5
	MTH 243	Statistics I	4
	MTH 244	Statistics II	4
	MTH 251	Calculus I	4
	MTH 252	Calculus II	5
	MTH 253	Calculus III	5
Music	MUS 110	Fundamentals of Music	3
	MUS 190	Introduction to Piano	2
	MUS 195	Symphonic Band	1
	MUS 221	Chorus: Chamber Choir	1
Physics	PHY 101	Fundamentals of Physics I	4
	PHY 102	Fundamentals of Physics II	4
	PHY 103	Fundamentals of Physics III	4

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Physics	PHY 201	General Physics	4
	PHY 202	General Physics	4
	PHY 203	General Physics	4
	PHY 211	General Physics (Calculus)	5
	PHY 213	General Physics (Calculus)	5
Psychology	PSY 201	Intro to Psychology-Part I	4
	PSY 202	Intro to Psychology-Part II	4
Reading	RD 115	College Reading	3
	RD 116	College Vocabulary Development	3
Spanish	SPA 101	First Year Spanish: First Term	4
	SPA 102	First Year Spanish: Second Term	4
	SPA 103	First Year Spanish: Third Term	4
Theatre Arts	TA 141	Fundamentals of Acting Techniques	4
Writing	WR 115	Introduction to Expository Writing	3
	WR 117	Introduction to Technical Writing	3
	WR 121	English Composition	4
	WR 122	English Composition	4

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 2011-12 school year, the total number of credits earned, and how many students registered for each course (represented here as duplicated students).

35	Alliance High School at Meek Campus	69	Newberg Campus High School
36	Aloha High School	71	Portland YouthBuilders
38	Arts & Communication Magnet Academy	73	Rex Putnam High School
39	Banks High School	74	Riverdale High School
40	Beaverton High School	75	Rosemary Anderson High School
41	Beaverton School District Options Program	76	Sabin-Schellenberg Center
42	Benson High School	77	Scappoose High School
44	Canby High School	78	Sherwood High School
45	Central Catholic High School	81	South Albany High School
46	Century High School	82	Southridge High School
47	Clark County Skills Center	83	St. Helens High School
48	Cleveland High School	85	Sunset High School
49	Early College High School	86	Tigard High School
50	Forest Grove High School	87	Tualatin High School
52	Franklin High School	88	Vernonia High School
54	Gaston High School	89	Westview High School
55	Glencoe High School	90	William P. Lord High School
57	Grant High School	91	Wilson High School
58	Hillsboro High School	92	Wilsonville High School
60	Horizon Christian High School		
61	Jefferson High School		
62	Lake Oswego High School		
63	Lakeridge High School		
64	Liberty High School		
66	Madison High School		
67	McMinnville High School		
68	Merlo Station High School		

2011-2012 Articulation Details by Discipline and Career Pathway

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

Alliance High School at Meek Campus

Spring Term 2012

Automotive Service Technology

(Industrial and Engineering)

AM 100	Introduction to Automotive (4)	Basic Auto Systems I, II	John Billups	0	0
AM 111	Engine Repair (4)	Introduction to Engine Repair I, II	John Billups	0	0
AM 161	Electrical I (4)	Electrical Systems I	John Billups	0	0

Biology

(None)

BI 101	Biology (4)	Biology	Misty Scevola	0	0
BI 102	Biology (4)	Biology	Misty Scevola	0	0

Computer Applications and Office Systems

(Business & Management)

CAS 111D	Beginning Website: Dreamweaver (3)	Arts & Communication II	Amy Taramasso	0	0
CAS 208	Beginning Photoshop for the Web (3)	Arts & Communication I	Amy Taramasso	0	0

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Machining A	Paul Reetz	0	0
MCH 105	Blueprint Reading I (1.5)	Machining B	Paul Reetz	0	0
MCH 110	Blueprint Reading II (1.5)	Machining G	Paul Reetz	0	0
MCH 120	Machine Shop Math (2)	Machining F	Paul Reetz	0	0
MCH 125	Speeds and Feeds (1)	Machining B or 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 160	Drilling Machines & Operations (2)	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

Welding

(Industrial and Engineering)

WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding A-B	Paul Reetz	2	8
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 114	SMAW: Mild Steel III (E6011) (3)	Welding G-H	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

Summary for Alliance High School at Meek Campus:

2 8

2011-2012 Articulation Details by Discipline and Career Pathway

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

Aloha High School

Fall Term 2011

Automotive Service Technology

(Industrial and Engineering)

AM 100	Introduction to Automotive (4)	Automotive Technology I	Louise Drow	35	140
AM 161	Electrical I (4)	Automotive Technology II	Louise Drow	26	104

Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117	Drafting Fundamentals (4)	Drafting I/AutoCAD	Dennis Larsen	25	100
DRF 126	Introduction to AutoCAD (3)	Drafting II/Advanced AutoCAD	Dennis Larsen	24	72

Computer Applications and Office Systems

(Business & Management)

CAS 121	Beginning Keyboarding (3)	Keyboarding	Jeff Smith	33	99
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Health

(Health Services)

HE 252	First Aid - Basics and Beyond (4)	First Aid Basics and Beyond	Michael Halbrook	9	36
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Winter Term 2012

Automotive Service Technology

(Industrial and Engineering)

AM 100	Introduction to Automotive (4)	Automotive Technology I	Louise Drow	12	48
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Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117	Drafting Fundamentals (4)	Drafting I/AutoCAD	Dennis Larsen	12	48
DRF 126	Introduction to AutoCAD (3)	Drafting II/Advanced AutoCAD	Dennis Larsen	13	39
DRF 133	Intermediate Drafting (4)	Drafting II/Advanced AutoCAD	Dennis Larsen	2	8

Computer Applications and Office Systems

(Business & Management)

CAS 121	Beginning Keyboarding (3)	Keyboarding	Jeff Smith	20	60
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Health

(Health Services)

HE 252	First Aid - Basics and Beyond (4)	First Aid Basics and Beyond	Michael Halbrook	3	12
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Spring Term 2012

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 101	Architectural Graphics 1 (3)	Architecture Design II	Dennis Larsen	2	6
ARCH 111	Working Drawings 1 (3)	Architecture Design I	Dennis Larsen	5	15

Automotive Service Technology

(Industrial and Engineering)

AM 100	Introduction to Automotive (4)	Automotive Technology I	Louise Drow	9	36
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Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117	Drafting Fundamentals (4)	Drafting I/AutoCAD	Dennis Larsen	4	16
DRF 126	Introduction to AutoCAD (3)	Drafting II/Advanced AutoCAD	Dennis Larsen	13	39
DRF 133	Intermediate Drafting (4)	Drafting II/Advanced AutoCAD	Dennis Larsen	20	80

2011-2012 Articulation Details by Discipline and Career Pathway

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

Aloha High School

Spring Term 2012

Computer Applications and Office Systems	(Business & Management)			
CAS 121 Beginning Keyboarding (3)	Keyboarding	Jeff Smith	0	0
German	(None)			
GER 101 First Year German (4)	German 1A and 1B	Katja Freeborn	32	128
GER 102 First Year German (4)	German 2A and 2B	Katja Freeborn	32	128
Summary for Aloha High School:			331	1,214

2011-2012 Articulation Details by Discipline and Career Pathway

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

Arts & Communication Magnet Academy

Winter Term 2012

Dance		(Arts & Communications)		
D 150	Jazz Dance I (1)	Beginning Dance	Felice Moskowitz	0
D 150	Jazz Dance I (1)	Beginning Dance	Julane Stites	12
D 151	Jazz Dance II (1)	Intermediate Dance	Felice Moskowitz	0
D 151	Jazz Dance II (1)	Intermediate Dance	Julane Stites	12
D 192D	Modern Dance II (1)	Advanced Dance	Julane Stites	8
D 209	Dance Performance (3)	Performance Dance West/Dance Ensemble	Julane Stites	9
D 252	Jazz Dance III (1)	Advanced Dance	Julane Stites	15
D 252	Jazz Dance III (1)	Advanced Dance	Felice Moskowitz	0

Spring Term 2012

Dance		(Arts & Communications)		
D 150	Jazz Dance I (1)	Beginning Dance	Felice Moskowitz	0
D 150	Jazz Dance I (1)	Beginning Dance	Julane Stites	0
D 151	Jazz Dance II (1)	Intermediate Dance	Felice Moskowitz	0
D 151	Jazz Dance II (1)	Intermediate Dance	Julane Stites	0
D 192D	Modern Dance II (1)	Advanced Dance	Julane Stites	0
D 209	Dance Performance (3)	Performance Dance West/Dance Ensemble	Julane Stites	0
D 252	Jazz Dance III (1)	Advanced Dance	Felice Moskowitz	0
D 252	Jazz Dance III (1)	Advanced Dance	Julane Stites	0

Summary for Arts & Communication Magnet Academy:	56	74
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Banks High School

Winter Term 2012

Biology		(None)		
BI 101	Biology (4)	Advanced AP Biology	Carol Pallett	20 80
Emergency Medical Services		(Health Services)		
EMS 120	Emergency Medical Service: First Responder (3)	Firefighter - Entry Level	Levi Eckhardt	10 30
English		(None)		
WR 121	English Composition (4)	Honors English 12	Diane Coughlin	19 76
Fire Protection		(Natural Resource Systems)		
FP 123	Hazardous Materials Technician I (3)	Hazardous Materials Technician I	Levi Eckhardt	11 33
FP 280B	Cooperative Education: Fire Science - Seminar (2)	Cooperative Education: Fire Science - Seminar	Levi Eckhardt	10 20
Welding		(Industrial and Engineering)		
WLD 271	Oxy-acetylene Welding Projects (3)	Welding	Tim Eggleston	0 0

Spring Term 2012

Biology		(None)		
BI 102	Biology (4)	Advanced AP Biology	Carol Pallett	19 76
BI 103	Biology (4)	Advanced AP Biology	Carol Pallett	19 76
English		(None)		
ENG 104	Introduction to Literature (Fiction) (4)	Honors English 12	Diane Coughlin	18 72
Fire Protection		(Natural Resource Systems)		
FP 101	Introduction to Fire Protection (3)	Introduction to Fire Protection	Levi Eckhardt	8 24
FP 133	Wildland Firefighter (3)	Wildland Firefighter	Levi Eckhardt	8 24
FP 280B	Cooperative Education: Fire Science - Seminar (2)	Cooperative Education: Fire Science - Seminar	Levi Eckhardt	7 14
Welding		(Industrial and Engineering)		
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals Fabrication	Tim Eggleston	0 0

Not Offered

Emergency Medical Services		(Health Services)		
EMS 105	EMS Basic Part I (5)	EMS Basic Part I	Levi Eckhardt	0 0
EMS 106	EMS Basic Part II (5)	EMS Basic Part II	Levi Eckhardt	0 0

Summary for Banks High School: 149 525

2011-2012 Articulation Details by Discipline and Career Pathway

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

Winter Term 2012

Architectural Design & Drafting		(Industrial and Engineering)		
ARCH 111	Working Drawings 1 (3)	Drafting II	Paul Webb	0 0
Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Drafting I	Paul Webb	9 36
DRF 126	Introduction to AutoCAD (3)	Drafting II	Paul Webb	0 0
Computer Applications and Office Systems		(Business & Management)		
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Kathryn Robinson	14 14
CAS 121A	Beginning Keyboarding (1)	Keyboarding	Stacey Armstrong	0 0
CAS 121A	Beginning Keyboarding (1)	Keyboarding	Emily Ramberg	0 0
CAS 121A	Beginning Keyboarding (1)	Keyboarding	Kathryn Robinson	0 0
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I	Kathryn Robinson	51 204
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I	Stacey Armstrong	26 104
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I	Emily Ramberg	22 88
CAS 170A	Beginning Excel (1)	Computer Applications II	Kathryn Robinson	13 13
CAS 216A	Beginning Word (1)	Computer Applications II	Kathryn Robinson	13 13

Spring Term 2012

Architectural Design & Drafting		(Industrial and Engineering)		
ARCH 111	Working Drawings 1 (3)	Drafting II	Paul Webb	8 24
Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Drafting I	Paul Webb	20 80
DRF 126	Introduction to AutoCAD (3)	Drafting II	Paul Webb	9 27
Computer Applications and Office Systems		(Business & Management)		
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Kathryn Robinson	20 20
CAS 121A	Beginning Keyboarding (1)	Keyboarding	Stacey Armstrong	0 0
CAS 121A	Beginning Keyboarding (1)	Keyboarding	Kathryn Robinson	0 0
CAS 121A	Beginning Keyboarding (1)	Keyboarding	Emily Ramberg	0 0
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I	Kathryn Robinson	41 164
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I	Emily Ramberg	10 40
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I	Stacey Armstrong	24 96
CAS 170A	Beginning Excel (1)	Computer Applications II	Kathryn Robinson	20 20
CAS 216A	Beginning Word (1)	Computer Applications II	Kathryn Robinson	20 20

Not Offered

Computer Applications and Office Systems		(Business & Management)		
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Stacey Armstrong	0 0
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Emily Ramberg	0 0
CAS 170A	Beginning Excel (1)	Computer Applications II	Emily Ramberg	0 0
CAS 170A	Beginning Excel (1)	Computer Applications II	Stacey Armstrong	0 0
CAS 216A	Beginning Word (1)	Computer Applications II	Emily Ramberg	0 0
CAS 216A	Beginning Word (1)	Computer Applications II	Stacey Armstrong	0 0

Summary for Beaverton High School: 320 963

2011-2012 Articulation Details by Discipline and Career Pathway

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

Beaverton School District Options Program

Winter Term 2012

Automotive Service Technology

(Industrial and Engineering)

AM 100	Introduction to Automotive (4)	Automotive Technology I & II - First Year	Louise Drow	1	4
AM 161	Electrical I (4)	Automotive I & II - Second Year	Louise Drow	0	0

Spring Term 2012

Automotive Service Technology

(Industrial and Engineering)

AM 151	Undercar Systems I (4)	Automotive Technology I & II - First and Second Year	Louise Drow	5	20
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Health

(Health Services)

HE 252	First Aid - Basics and Beyond (4)	Health Careers	Paula Jacobs	119	476
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Medical Professions

(Health Services)

BI 55	Human Biology (4)	Human Anatomy & Physiology	Matt Bayha	0	0
MP 109	Basic Medical Terminology I (2)	Health Careers	Paula Jacobs	103	206
MP 110	Basic Medical Terminology II ()	Advanced Health Careers	Matt Bayha	15	30
MP 110	Basic Medical Terminology II ()	Advanced Health Careers	Kathleen Newell	7	14
MP 110	Basic Medical Terminology II ()	Advanced Health Careers	Andrea Ellis	11	22

Not Offered

Health

(Health Services)

HE 252	First Aid - Basics and Beyond (4)	Health Careers	Matt Bayha	0	0
HE 252	First Aid - Basics and Beyond (4)	Health Careers	Kathleen Newell	0	0

Medical Professions

(Health Services)

BI 55	Human Biology (4)	Human Anatomy & Physiology	Kathleen Newell	0	0
MP 109	Basic Medical Terminology I (2)	Advanced Health Careers	Matt Bayha	0	0
MP 109	Basic Medical Terminology I (2)	Advanced Health Careers	Kathleen Newell	0	0
MP 109	Basic Medical Terminology I (2)	Advanced Health Careers	Andrea Ellis	0	0
MP 110	Basic Medical Terminology II ()	Health Careers	Paula Jacobs	0	0

Summary for Beaverton School District Options Program:

261 722

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered

Discipline	(Career Pathway)	High School Course Title	Instructor	Duplicated Students	Credits Earned
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Benson High School

Winter Term 2012

Computer Applications and Office Systems

(Business & Management)

CAS 206	Principles of HTML/XHTML (4)	Comm 4 Photo/Web Design	Jeanette Pelster	11	44
CAS 208	Beginning Photoshop for the Web (3)	Comm 4 Photo/Web Design	Jeanette Pelster	11	33

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Manufacturing IV	Barth Clooten	12	12
MCH 135	Basic Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	12	18
MCH 145	Layout Tools (1.5)	Manufacturing IV	Barth Clooten	12	18
MCH 160	Drilling Machines & Operations (2)	Manufacturing IV	Barth Clooten	12	24

Spring Term 2012

Automotive Service Technology

(Industrial and Engineering)

AM 100	Introduction to Automotive (4)	Automotive IV	Brett Anderson	40	160
AM 111	Engine Repair (4)	Automotive IV	Brett Anderson	39	156
AM 161	Electrical I (4)	Automotive IV	Brett Anderson	40	160

Building Construction Technology

(Industrial and Engineering)

BCT 102	Residential Printreading (3)	Building Construction	Tony Franciscone	6	18
BCT 104	Construction Mathematics (3)	Building Construction	Tony Franciscone	6	18
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Building Construction	Tony Franciscone	6	18
BCT 120	Floor Framing (3)	Building Construction	Tony Franciscone	0	0
BCT 121	Wall Framing (3)	Building Construction	Tony Franciscone	0	0

Computer Applications and Office Systems

(Business & Management)

CAS 206	Principles of HTML/XHTML (4)	Comm 4 Photo/Web Design	Jeanette Pelster	7	28
CAS 208	Beginning Photoshop for the Web (3)	Comm 4 Photo/Web Design	Jeanette Pelster	7	21

Electrical Trades

(Industrial and Engineering)

ELT 201	Electrical Motor Control (2)	Electric IV	Tim Hryciw	12	24
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Facilities Maintenance Technology

(Industrial and Engineering)

FMT 101	Refrigeration I (2)	Electric IV	Tim Hryciw	0	0
FMT 102	Refrigeration II (2)	Electric IV	Tim Hryciw	0	0
FMT 111	Refrigeration Electrical I (2)	Electric IV	Tim Hryciw	12	24
FMT 112	Refrigeration Electrical II (2)	Electric IV	Tim Hryciw	0	0

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Manufacturing IV	Barth Clooten	6	6
MCH 105	Blueprint Reading I (1.5)	Manufacturing IV	Barth Clooten	15	22.5

2011-2012 Articulation Details by Discipline and Career Pathway

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

Benson High School

Spring Term 2012

Machine Manufacturing Technology		(Industrial and Engineering)			
MCH 110	Blueprint Reading II (1.5)	Manufacturing IV	Barth Clooten	15	22.5
MCH 120	Machine Shop Math (2)	Manufacturing IV	Barth Clooten	15	30
MCH 123	Sheet Metal Fabrication (4)	Manufacturing III	Barth Clooten	11	44
MCH 125	Speeds and Feeds (1)	Manufacturing IV	Barth Clooten	14	14
MCH 135	Basic Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	6	9
MCH 145	Layout Tools (1.5)	Manufacturing IV	Barth Clooten	6	9
MCH 150	Precision Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	14	21
MCH 160	Drilling Machines & Operations (2)	Manufacturing IV	Barth Clooten	5	10
MCH 180	Turning Machines and Operations (4)	Manufacturing IV	Barth Clooten	15	60
MCH 205	Vertical Milling Machine and Operations (3.5)	Manufacturing IV	Barth Clooten	10	35
MCH 272	Mastercam Level I (5)	Manufacturing III	Barth Clooten	11	55

Medical Professions		(Health Services)			
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Sally Niedermeyer	1	4
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Kathy Lloyd	10	40

Welding		(Industrial and Engineering)			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Manufacturing III	Barth Clooten	11	44
WLD 271	Oxy-acetylene Welding Projects (3)	Manufacturing III	Barth Clooten	11	33

Not Offered

Building Construction Technology		(Industrial and Engineering)			
BCT 102	Residential Printreading (3)	Building Construction	Richard Weber	0	0
BCT 104	Construction Mathematics (3)	Building Construction	Richard Weber	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Building Construction	Richard Weber	0	0
BCT 120	Floor Framing (3)	Building Construction	Richard Weber	0	0
BCT 121	Wall Framing (3)	Building Construction	Richard Weber	0	0

Summary for Benson High School:	421	1,235
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Canby High School

Fall Term 2011

Building Construction Technology		(Industrial and Engineering)		
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction I	Darren Monen	0
BCT 121	Wall Framing (3)	Construction III	Darren Monen	0

Winter Term 2012

Building Construction Technology		(Industrial and Engineering)		
BCT 100	Overview of Construction (3)	Construction II	Darren Monen	1
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction I	Darren Monen	12
BCT 121	Wall Framing (3)	Construction III	Darren Monen	0

Spring Term 2012

Building Construction Technology		(Industrial and Engineering)		
BCT 102	Residential Printreading (3)	Construction I	Darren Monen	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Construction I	Darren Monen	22
BCT 121	Wall Framing (3)	Construction III	Darren Monen	0

Summary for Canby High School:	34	102
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Central Catholic High School

Winter Term 2012

Computer Applications and Office Systems	(Business & Management)			
CAS 133 Basic Computer Skill/MS Office (4)	Integrated Computer Applications/Microsoft Office	Nancy Peterson	74	296

Spring Term 2012

Computer Applications and Office Systems	(Business & Management)			
CAS 133 Basic Computer Skill/MS Office (4)	Integrated Computer Applications/Microsoft Office	Nancy Peterson	97	388

Summary for Central Catholic High School:			171	684
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Century High School

Winter Term 2012

Computer Applications and Office Systems	(Business & Management)			
CAS 133 Basic Computer Skill/MS Office (4)	Basic Business and Computer Applications	Raya Nichols	40	160

Spring Term 2012

Computer Applications and Office Systems	(Business & Management)			
CAS 106 Introduction to X/HTML (1)	Web Design	Chris Winikka	10	10
CAS 133 Basic Computer Skill/MS Office (4)	Basic Business and Computer Applications	Raya Nichols	15	60
CAS 206 Principles of HTML/XHTML (4)	Web Design & Applied Web Design	Chris Winikka	7	28

Early Education and Family Studies	(Human Resources)			
ECE 120 Introduction to Early Education and Family Studies (3)	Child Services I	Alia Laack	2	6
ECE 132 Early Childhood Field Work (2)	Child Services II	Alia Laack	3	6

Health	(Health Services)			
HE 250 Personal Health (3)	Anatomy & Physiology/Health Services I	Kristin Blomberg	13	39
HE 250 Personal Health (3)	Anatomy & Physiology/Health Services I	Rachelle Carnes	13	39

Machine Manufacturing Technology	(Industrial and Engineering)			
MCH 290 Mastercam Fundamentals Orientation (1)	Drafting 2	Tim Morley	0	0
MCH 291 Laser Cutting and Engraving Fundamentals (1)	Drafting 1	Tim Morley	0	0
MCH 292 FDM Additive Manufacturing Fundamentals Orientation (1.5)	Drafting 2	Tim Morley	0	0

Medical Professions	(Health Services)			
MP 111 Medical Terminology (4)	Health Services II	Rachelle Carnes	17	68

Summary for Century High School:	120	416
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Clark County Skills Center

Spring Term 2012

Criminal Justice	(Human Resources)				
CJA 111	Introduction to Criminal Justice System - Police (3)	Criminal Justice I	Ron Epperson	44	132
CJA 112	Introduction to Criminal Justice System-Courts (3)	Criminal Justice II	Ron Epperson	15	45
Summary for Clark County Skills Center:				59	177

2011-2012 Articulation Details by Discipline and Career Pathway

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

Winter Term 2012

Math	(None)			
MTH 251 Calculus I (4)	International Baccalaureate Mathematics (SL)	Kari Freeman	60	240
MTH 251 Calculus I (4)	International Baccalaureate Mathematics (SL)	Michael Ball	8	32

Spring Term 2012

History	(None)			
HST 201 History of the United States I (4)	HoTA, History of the Americas	Colleen Loprinzi	74	296
HST 202 History of the United States II (4)	HoTA, History of the Americas	Colleen Loprinzi	74	296
HST 203 History of the United States III (4)	HoTA, History of the Americas	Colleen Loprinzi	74	296
Math	(None)			
MTH 252 Calculus II (5)	Advanced Placement Calculus (AB)	Kari Freeman	49	245
MTH 252 Calculus II (5)	Advanced Placement Calculus (AB)	Michael Ball	8	40
MTH 253 Calculus III (5)	International Baccalaureate Mathematics (HL)	Natasha Khvilivitzky	24	120

Not Offered

Computer Applications and Office Systems	(Business & Management)			
CAS 109 Beginning PowerPoint (1)	Computer Applications I-II	Zita Podany	0	0
CAS 216 Beginning Word (3)	Computer Applications I-II	Zita Podany	0	0
CAS 216A Beginning Word (1)	Computer Applications I-IV	Zita Podany	0	0

Summary for Cleveland High School:	371	1,565
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Early College High School

Fall Term 2011

Career Guidance & College Success

(None)

CG 100C	College Survival and Success (1)	College Success & Survival	Maggie (Helen) Brown	38	38
CG 100C	College Survival and Success (1)	College Success & Survival	Megan Brooke	38	38
CG 100C	College Survival and Success (1)	College Success & Survival	James Lekas	24	24
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	Megan Brooke	38	38
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	Maggie (Helen) Brown	38	38
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	James Lekas	24	24

Winter Term 2012

Career Guidance & College Success

(None)

CG 100C	College Survival and Success (1)	College Success & Survival	Maggie (Helen) Brown	14	14
CG 100C	College Survival and Success (1)	College Success & Survival	Megan Brooke	4	4
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	Megan Brooke	4	4
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	Maggie (Helen) Brown	14	14
CG 140B	Career and Life Planning (2)	Career & Life Planning	Megan Brooke	0	0
CG 140B	Career and Life Planning (2)	Career & Life Planning	James Lekas	41	82

Spring Term 2012

Career Guidance & College Success

(None)

CG 100C	College Survival and Success (1)	College Success & Survival	Megan Brooke	5	5
CG 100C	College Survival and Success (1)	College Success & Survival	Maggie (Helen) Brown	10	10
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	Maggie (Helen) Brown	10	10
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	Megan Brooke	4	4
CG 140B	Career and Life Planning (2)	Career & Life Planning	James Lekas	33	66
CG 140B	Career and Life Planning (2)	Career & Life Planning	Megan Brooke	36	72

Summary for Early College High School:

375 485

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered

Discipline	(Career Pathway)	High School Course Title	Instructor	Duplicated Students	Credits Earned
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Forest Grove High School

Winter Term 2012

Building Construction Technology

(Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Basic Construction & Woods II & Advanced Building Construction	Chris Higginbotham	23	69
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Computer Applications and Office Systems

(Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications	Theresa Broeren	0	0
CAS 111D	Beginning Website: Dreamweaver (3)	Web Page Design	Theresa Broeren	0	0
CAS 133	Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Theresa Broeren	0	0
CAS 216A	Beginning Word (1)	Computer Applications	Theresa Broeren	0	0

Math

(None)

MTH 111	College Algebra (5)	Pre-Calculus	Mike Wanner	38	190
MTH 251	Calculus I (4)	Advanced Placement Calculus	Pete Rusaw	23	92
MTH 252	Calculus II (5)	Advanced Placement Calculus	Pete Rusaw	3	15

Welding

(Industrial and Engineering)

WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals II, IV	Jami Duyck	8	32
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Spring Term 2012

Building Construction Technology

(Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Basic Construction & Woods II & Advanced Building Construction	Chris Higginbotham	46	138
BCT 120	Floor Framing (3)	Advanced Building Construction	Chris Higginbotham	14	42
BCT 121	Wall Framing (3)	Advanced Building Construction	Chris Higginbotham	14	42
BCT 128	Exterior Finish (6)	Advanced Building Construction	Chris Higginbotham	14	84
BCT 226	Finish Carpentry (2)	Advanced Building Construction	Chris Higginbotham	14	28

Computer Applications and Office Systems

(Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications	Theresa Broeren	17	17
CAS 111D	Beginning Website: Dreamweaver (3)	Web Page Design	Theresa Broeren	19	57
CAS 216A	Beginning Word (1)	Computer Applications	Theresa Broeren	17	17

Environmental Studies

(Natural Resource Systems)

ESR 171	Environmental Science: Biological Perspectives (4)	AP Environmental Sciences	Neil Borzcik	39	156
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Fire Protection

(Natural Resource Systems)

FP 101	Introduction to Fire Protection (3)	Firefighter I	David Nemeyer	2	6
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Landscape Technology

(Natural Resource Systems)

LAT 109	Plant Propagation (3)	Introduction to Horticulture	Jami Duyck	18	54
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Math

(None)

MTH 112	Elementary Functions (5)	Pre-Calculus	Mike Wanner	31	155
MTH 252	Calculus II (5)	Advanced Placement Calculus	Pete Rusaw	16	80
MTH 253	Calculus III (5)	AP Calculus BC	Pete Rusaw	7	35

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Credits
Discipline		High School Course Title	Instructor	Students	Earned
Courses under Agreement (credits)					
Forest Grove High School					
Spring Term 2012					
Medical Professions		(Health Services)			
BI 55	Human Biology (4)	Anatomy and Physiology	Ron Romanick	25	100
MP 111	Medical Terminology (4)	Medical Terminology	Ron Romanick	19	76
Welding		(Industrial and Engineering)			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals II, IV	Jami Duyck	11	44
Not Offered					
Building Construction Technology		(Industrial and Engineering)			
BCT 104	Construction Mathematics (3)	Advanced Building Construction	Chris Higginbotham	0	0
Computer Applications and Office Systems		(Business & Management)			
CAS 133	Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Theresa Broeren	0	0
Landscape Technology		(Natural Resource Systems)			
CSS 200	Soils and Plant Nutrition (3)	Introduction to Agriculture	Jami Duyck	0	0
HOR 290	Introduction to Landscape Design (3)	Landscape Design & Nursery Production	Jami Duyck	0	0
Math		(None)			
MTH 111	College Algebra (5)	Pre-Calculus	Pete Rusaw	0	0
MTH 112	Elementary Functions (5)	Pre-Calculus	Pete Rusaw	0	0
Summary for Forest Grove High School:				418	1,529

2011-2012 Articulation Details by Discipline and Career Pathway

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

Franklin High School

Winter Term 2012

Computer Applications and Office Systems

(Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications I	Theresa Hawkins	103	103
CAS 109	Beginning PowerPoint (1)	Computer Applications I	Clara Cook	73	73
CAS 121	Beginning Keyboarding (3)	Computer Applications I	Clara Cook	73	219
CAS 216A	Beginning Word (1)	Computer Applications I	Theresa Hawkins	103	103
OS 131	10-key on Calculators (1)	Business Office Technology I-IV	Theresa Hawkins	16	16

Spring Term 2012

Building Construction Technology

(Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Intermediate & Advanced Construction	Jerome Mannenbach	18	54
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Business Administration

(Business & Management)

BA 111	Introduction to Accounting (3)	Accounting I-II	Theresa Hawkins	18	54
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Computer Applications and Office Systems

(Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications I	Theresa Hawkins	41	41
CAS 109	Beginning PowerPoint (1)	Computer Applications I	Clara Cook	0	0
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications II	Clara Cook	46	184
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications II; Office Technology IV	Theresa Hawkins	45	180
CAS 216	Beginning Word (3)	Business Office Technology I-IV	Theresa Hawkins	9	27
CAS 216A	Beginning Word (1)	Computer Applications I	Theresa Hawkins	41	41

English

(None)

ENG 104	Introduction to Literature (Fiction) (4)	Adventure Lit, World Lit and Film	Tim Hardin	74	296
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Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	21	21
MCH 105	Blueprint Reading I (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	15	22.5
MCH 110	Blueprint Reading II (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 120	Machine Shop Math (2)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 125	Speeds and Feeds (1)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 135	Basic Measuring Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 145	Layout Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 150	Precision Measuring Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 160	Drilling Machines & Operations (2)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 180	Turning Machines and Operations (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 290	Mastercam Fundamentals Orientation (1)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0

Welding

(Industrial and Engineering)

WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	5	20
WLD 112	SMAW: Mild Steel I (E7018) (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
WLD 113	SMAW: Mild Steel II (E7018) (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0

2011-2012 Articulation Details by Discipline and Career Pathway

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

Franklin High School

Spring Term 2012

Welding		(Industrial and Engineering)		
WLD 115	SMAW: Mild Steel IV (E6011) (3)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0
WLD 271	Oxy-acetylene Welding Projects (3)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0
Not Offered				
Business Administration		(Business & Management)		
BA 111	Introduction to Accounting (3)	Accounting I-II	Clara Cook	0
BA 111	Introduction to Accounting (3)	Accounting I-II	Timothy Biamont	0
Computer Applications and Office Systems		(Business & Management)		
CAS 109	Beginning PowerPoint (1)	Computer Applications I	Timothy Biamont	0
CAS 121	Beginning Keyboarding (3)	Computer Applications I	Timothy Biamont	0
CAS 170	Beginning Excel (3)	Computerized Accounting & Spreadsheets	Timothy Biamont	0
Criminal Justice		(Human Resources)		
CJA 100	Introduction to Professions in Criminal Justice (3)	Criminal Justice Careers	Harold Hays	0
CJA 111	Introduction to Criminal Justice System - Police (3)	Criminal Justice Careers	Harold Hays	0
CJA 112	Introduction to Criminal Justice System-Courts (3)	Criminal Justice Careers	Harold Hays	0
CJA 113	Introduction to Criminal Justice System-Corrections (3)	Criminal Justice Careers	Harold Hays	0
Summary for Franklin High School:			701	1,455

2011-2012 Articulation Details by Discipline and Career Pathway

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

Gaston High School

Winter Term 2012

Building Construction Technology	(Industrial and Engineering)			
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Woods I	Wade Sims	7	21
BCT 216 Cabinetry I (2)	Woods II	Wade Sims	0	0
BCT 218 Woodworking Projects (2)	Woods IV	Wade Sims	3	6

Spring Term 2012

Building Construction Technology	(Industrial and Engineering)			
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Woods I	Wade Sims	0	0
BCT 216 Cabinetry I (2)	Woods II	Wade Sims	12	24
BCT 217 Cabinetry II (2)	Woods III	Wade Sims	7	14
BCT 218 Woodworking Projects (2)	Woods IV	Wade Sims	5	10

Summary for Gaston High School:	34	75
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2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered

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

Glencoe High School

Winter Term 2012

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111	Working Drawings 1 (3)	Architecture II	Michael O'Connor	0	0
ARCH 126	Introduction to AutoCAD (3)	Architecture I	Michael O'Connor	0	0

Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117	Drafting Fundamentals (4)	Drafting II	Michael O'Connor	0	0
DRF 126	Introduction to AutoCAD (3)	Drafting I	Michael O'Connor	0	0

Computer Applications and Office Systems

(Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications	Rebecca Hufford	15	15
CAS 121	Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	49	147
CAS 133	Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Rebecca Hufford	0	0
CAS 216A	Beginning Word (1)	Computer Applications	Rebecca Hufford	15	15

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Machine/Welding II - First Year	Rob Brauer	34	34
MCH 105	Blueprint Reading I (1.5)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 110	Blueprint Reading II (1.5)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 120	Machine Shop Math (2)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 125	Speeds and Feeds (1)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 135	Basic Measuring Tools (1.5)	Machine/Welding II - First Year	Rob Brauer	34	51
MCH 145	Layout Tools (1.5)	Machine/Welding II - First Year	Rob Brauer	34	51
MCH 150	Precision Measuring Tools (1.5)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 160	Drilling Machines & Operations (2)	Machine/Welding II - First Year	Rob Brauer	34	68
MCH 180	Turning Machines and Operations (4)	Machine/Welding II - First Year	Rob Brauer	34	136
MCH 205	Vertical Milling Machine and Operations (3.5)	Machine/Welding II - Second Year	Rob Brauer	0	0

Management and Supervisory Development

(Business & Management)

MSD 101	Principles of Management and Supervision (3)	Management	Rebecca Hufford	12	36
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Spring Term 2012

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111	Working Drawings 1 (3)	Architecture II	Michael O'Connor	0	0
ARCH 126	Introduction to AutoCAD (3)	Architecture I	Michael O'Connor	4	12

Business Administration

(Business & Management)

BA 111	Introduction to Accounting (3)	Accounting I	Eric Walker	24	72
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Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117	Drafting Fundamentals (4)	Drafting II	Michael O'Connor	4	16
DRF 126	Introduction to AutoCAD (3)	Drafting I	Michael O'Connor	2	6

Computer Applications and Office Systems

(Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications	Rebecca Hufford	0	0
CAS 121	Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	20	60
CAS 133	Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Rebecca Hufford	0	0

2011-2012 Articulation Details by Discipline and Career Pathway

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

Glencoe High School

Spring Term 2012

Computer Applications and Office Systems

(Business & Management)

CAS 216A Beginning Word (1)

Computer Applications

Rebecca Hufford

0

0

Early Education and Family Studies

(Human Resources)

ECE 120 Introduction to Early Education and Family Studies (3)

Child Services I

Shellie DeWhitt

28

84

ECE 132 Early Childhood Field Work (2)

Child Services II

Shellie DeWhitt

12

24

Medical Professions

(Health Services)

MP 109 Basic Medical Terminology I (2)

Health Services I

Rita Jukkala

14

28

Welding

(Industrial and Engineering)

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

WLD 131 Gas Metal Arc Welding (3)

Machine/Welding II - Second Year

Rob Brauer

0

0

WLD 261 Basic Fabrication I (6)

Machine/Welding II - Second Year

Rob Brauer

0

0

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

Summary for Glencoe High School:

369

855

2011-2012 Articulation Details by Discipline and Career Pathway

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

Grant High School

Winter Term 2012

Biology	(None)			
BI 101 Biology (4)	Biology	Amy Lindahl	48	192

Spring Term 2012

Biology	(None)			
BI 102 Biology (4)	Biology	Amy Lindahl	46	184

Summary for Grant High School:

94 376

2011-2012 Articulation Details by Discipline and Career Pathway

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

Hillsboro High School

Fall Term 2011

Architectural Design & Drafting		(Industrial and Engineering)		
ARCH 101	Architectural Graphics 1 (3)	Architecture 1, 2	Don Domes	0 0
ARCH 111	Working Drawings 1 (3)	Architecture 2, 3	Don Domes	0 0
ARCH 126	Introduction to AutoCAD (3)	Drafting 1, 2	Don Domes	0 0
ARCH 140	Introduction to CHIEF ARCHITECT (3)	Architecture 2, 3	Don Domes	0 0
Automotive Service Technology		(Industrial and Engineering)		
AM 100	Introduction to Automotive (4)	Auto I, II & III	Glenn Campbell	0 0
Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Drafting 1	Don Domes	0 0
DRF 126	Introduction to AutoCAD (3)	Drafting 1, 2	Don Domes	0 0
DRF 133	Intermediate Drafting (4)	Drafting 2, 3	Don Domes	0 0
DRF 185	AutoCAD Inventor - Fundamentals (3)	Drafting 1, 2	Don Domes	0 0
DRF 270	SolidWorks Fundamentals (3)	SolidWorks	Don Domes	0 0
Early Education and Family Studies		(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Kelly Jett	17 51

Winter Term 2012

Architectural Design & Drafting		(Industrial and Engineering)		
ARCH 101	Architectural Graphics 1 (3)	Architecture 1, 2	Don Domes	1 3
ARCH 111	Working Drawings 1 (3)	Architecture 2, 3	Don Domes	1 3
ARCH 126	Introduction to AutoCAD (3)	Drafting 1, 2	Don Domes	0 0
ARCH 140	Introduction to CHIEF ARCHITECT (3)	Architecture 2, 3	Don Domes	0 0
Automotive Service Technology		(Industrial and Engineering)		
AM 100	Introduction to Automotive (4)	Auto I, II & III	Glenn Campbell	5 20
Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Drafting 1	Don Domes	0 0
DRF 126	Introduction to AutoCAD (3)	Drafting 1, 2	Don Domes	0 0
DRF 133	Intermediate Drafting (4)	Drafting 2, 3	Don Domes	0 0
DRF 185	AutoCAD Inventor - Fundamentals (3)	Drafting 1, 2	Don Domes	0 0
DRF 270	SolidWorks Fundamentals (3)	SolidWorks	Don Domes	1 3
Early Education and Family Studies		(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Kelly Jett	0 0
Landscape Technology		(Natural Resource Systems)		
CSS 200	Soils and Plant Nutrition (3)	Introduction to Horticulture	John Stables	4 12
LAT 106	Basic Horticulture (4)	Horticulture Technology I	John Stables	0 0
LAT 109	Plant Propagation (3)	Horticulture Technology II	John Stables	0 0

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline	(Career Pathway)		Duplicated	Credits
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Earned
Hillsboro High School				
Spring Term 2012				
Architectural Design & Drafting		(Industrial and Engineering)		
ARCH 101	Architectural Graphics 1 (3)	Architecture 1, 2	5	15
ARCH 111	Working Drawings 1 (3)	Architecture 2, 3	4	12
ARCH 126	Introduction to AutoCAD (3)	Drafting 1, 2	0	0
ARCH 140	Introduction to CHIEF ARCHITECT (3)	Architecture 2, 3	10	30
Automotive Service Technology		(Industrial and Engineering)		
AM 100	Introduction to Automotive (4)	Auto I, II & III	3	12
Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Drafting 1	7	28
DRF 126	Introduction to AutoCAD (3)	Drafting 1, 2	1	3
DRF 133	Intermediate Drafting (4)	Drafting 2, 3	3	12
DRF 185	AutoCAD Inventor - Fundamentals (3)	Drafting 1, 2	1	3
DRF 270	SolidWorks Fundamentals (3)	SolidWorks	11	33
Early Education and Family Studies		(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	10	30
ECE 132	Early Childhood Field Work (2)	Child Services I & II	7	14
Electrical Engineering Technology		(Industrial and Engineering)		
EET 111	Electrical Circuit Analysis I (5)	Electronics 2, 3	0	0
Landscape Technology		(Natural Resource Systems)		
LAT 106	Basic Horticulture (4)	Horticulture Technology I	0	0
LAT 109	Plant Propagation (3)	Horticulture Technology II	1	3
Microelectronics Technology		(None)		
MT 101	Intro to Semiconductor Manufacturing (1)	Electronic Technology 1	0	0
MT 102	Intro to Semiconductor Devices (1)	Electronic Technology 1	0	0
MT 103	Intro to Micro and Nano Processing (1)	Electronic Technology 1	0	0
MT 111	Electronic Circuits & Devices I (4)	Electronics Technology 1, 2	0	0
MT 121	Digital Systems I (3)	Electronics Technology 3	0	0
Summary for Hillsboro High School:			92	287

2011-2012 Articulation Details by Discipline and Career Pathway

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

Horizon Christian High School

Winter Term 2012

Math	(None)			
MTH 111 College Algebra (5)	Pre-Calculus	Richard Espinoza	11	55
MTH 251 Calculus I (4)	Calculus	Richard Espinoza	7	28

Spring Term 2012

Math	(None)			
MTH 112 Elementary Functions (5)	Pre-Calculus	Richard Espinoza	12	60
MTH 252 Calculus II (5)	Calculus	Richard Espinoza	5	25

Not Offered

Math	(None)			
MTH 243 Statistics I (4)	Statistics	Richard Espinoza	0	0
MTH 244 Statistics II (4)	Statistics	Richard Espinoza	0	0

Summary for Horizon Christian High School:	35	168
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Jefferson High School

Spring Term 2012

Art		(Arts & Communications)			
ART 115	Basic Design (3)	Advanced Placement 2-D Design Studio Art	Amy Hargrave-Ellis	5	15
Dance		(Arts & Communications)			
D 192A	Ballet I (1)	Ballet IV	Kristin Bacon	5	5
D 192B	Ballet II (1)	Ballet IV	Kristin Bacon	5	5
D 209	Dance Performance (3)	Jefferson Dancers	Steve Gonzales	4	12
D 252	Jazz Dance III (1)	Jazz Dance IV	Steve Gonzales	5	5
D 292	Ballet III (1)	Ballet IV	Kristin Bacon	5	5
Summary for Jefferson High School:				29	47

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)	(Career Pathway) High School Course Title	Instructor	Duplicated Students	Credits Earned
Lake Oswego High School				
Winter Term 2012				
General Science	(Natural Resource Systems)			
GS 108 Phys Sci (Oceanography) (4)	Oceanography	Jeff Goodrich	10	40
Math	(None)			
MTH 251 Calculus I (4)	AP Calculus AB	Peter Dodson	2	8
Spring Term 2012				
General Science	(Natural Resource Systems)			
GS 108 Phys Sci (Oceanography) (4)	Oceanography	Jeff Goodrich	2	8
Math	(None)			
MTH 252 Calculus II (5)	AP Calculus AB	Peter Dodson	1	5
MTH 253 Calculus III (5)	AP Calculus BC	Peter Dodson	0	0
Music	(Arts & Communications)			
MUS 195 Symphonic Band (1)	Wind Ensemble	Dave Matthys	3	3
Professional Music	(Arts & Communications)			
MUC 154A Band Performance Workshop (2)	Wind Ensemble A	Dave Matthys	3	6
MUC 154B Band Performance Workshop (2)	Wind Ensemble B	Dave Matthys	7	14
MUC 154C Band Performance Workshop (2)	Wind Ensemble C	Dave Matthys	11	22
Summary for Lake Oswego High School:			39	106

2011-2012 Articulation Details by Discipline and Career Pathway

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

Lakeridge High School

Winter Term 2012

History		(None)		
HST 102	Western Civilization: Medieval to Early Modern Europe (4)	AP European History (First Semester)	Ryan Rosenau	13 52

Math		(None)		
MTH 251	Calculus I (4)	AP Calculus AB	Terry Moore	58 232

Spring Term 2012

History		(None)		
HST 103	Western Civilization: Modern Europe (4)	AP European History (Second Semester)	Ryan Rosenau	6 24

Math		(None)		
MTH 252	Calculus II (5)	AP Calculus AB	Terry Moore	50 250
MTH 253	Calculus III (5)	AP Calculus BC	Terry Moore	8 40

Music		(Arts & Communications)		
MUS 221	Chorus: Chamber Choir (1)	A Cappella Choir	William Campbell	20 20

Summary for Lakeridge High School:	155	618
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Liberty High School

Winter Term 2012

Computer Applications and Office Systems		(Business & Management)		
CAS 133	Basic Computer Skill/MS Office (4)	Basic Business & Computer Application	David Douglas	7 28
Early Education and Family Studies		(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	11 33
Emergency Medical Services		(Health Services)		
EMS 120	Emergency Medical Service: First Responder (3)	Fire Science I	Rodney Linz	17 51
Fire Protection		(Natural Resource Systems)		
FP 101	Introduction to Fire Protection (3)	Fire Science I	Rodney Linz	19 57
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Rodney Linz	3 9
History		(None)		
HST 201	History of the United States I (4)	History of the United States I	Adam Mahlum	37 148

Spring Term 2012

Computer Applications and Office Systems		(Business & Management)		
CAS 133	Basic Computer Skill/MS Office (4)	Basic Business & Computer Application	David Douglas	15 60
Early Education and Family Studies		(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	11 33
ECE 132	Early Childhood Field Work (2)	Child Services Focus Program	Jessica Ackerman	7 14
Emergency Medical Services		(Health Services)		
EMS 120	Emergency Medical Service: First Responder (3)	Fire Science I	Rodney Linz	8 24
Fire Protection		(Natural Resource Systems)		
FP 101	Introduction to Fire Protection (3)	Fire Science I	Rodney Linz	8 24
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Rodney Linz	0 0
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Rodney Linz	6 18
FP 133	Wildland Firefighter (3)	Fire Science I	Rodney Linz	26 78
FP 280B	Cooperative Education: Fire Science - Seminar (2)	Fire Science I & II	Rodney Linz	27 54
Health		(Health Services)		
HE 250	Personal Health (3)	Personal Health	David Herman	0 0
History		(None)		
HST 202	History of the United States II (4)	History of the United States II	Adam Mahlum	45 180
HST 203	History of the United States III (4)	History of the United States III	Adam Mahlum	45 180

2011-2012 Articulation Details by Discipline and Career Pathway

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

Liberty High School

Not Offered

Physics	(None)			
PHY 101 Fundamentals of Physics I (4)	Conceptual Physics	Milton Scholl	0	0
PHY 103 Fundamentals of Physics III (4)	Conceptual Physics	Milton Scholl	0	0
PHY 211 General Physics (Calculus) (5)	AP Physics	Milton Scholl	0	0
PHY 213 General Physics (Calculus) (5)	AP Physics	Milton Scholl	0	0
Summary for Liberty High School:			292	991

2011-2012 Articulation Details by Discipline and Career Pathway

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

Madison High School

Spring Term 2012

English		(None)		
WR 121	English Composition (4)	English Composition	Daniel Fredgant	21 84
Medical Professions		(Health Services)		
MP 111	Medical Terminology (4)	Health Services 7-8	Gillian Davis	0 0
Spanish		(None)		
SPA 101	First Year Spanish: First Term (4)	Spanish 1-2	Marisol Rodriguez	31 124
SPA 102	First Year Spanish: Second Term (4)	Spanish 3-4	Marisol Rodriguez	31 124
SPA 103	First Year Spanish: Third Term (4)	Spanish 5-6	Marisol Rodriguez	22 88
Summary for Madison High School:				105 420

2011-2012 Articulation Details by Discipline and Career Pathway

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

Spring Term 2012

Building Construction Technology

(Industrial and Engineering)

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

Engineering

(Industrial and Engineering)

ENGR 100	Exploring Engineering (1)	Survey of Engineering	Owen Griffiths	0	0
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English

(None)

ENG 104	Introduction to Literature (Fiction) (4)	Intro to Fiction	Kerrie Savage	52	208
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Environmental Studies

(Natural Resource Systems)

ESR 171	Environmental Science: Biological Perspectives (4)	AP Environmental Science	Laura Syring	13	52
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Summary for McMinnville High School:

65 260

2011-2012 Articulation Details by Discipline and Career Pathway

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

Merlo Station High School

Winter Term 2012

Computer Applications and Office Systems	(Business & Management)			
CAS 103 Introduction to Windows (1)	Computer Applications I	Nancy Smith	28	28
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	28	28
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications II	Nancy Smith	0	0
CAS 216A Beginning Word (1)	Computer Applications I	Nancy Smith	28	28

Spring Term 2012

Computer Applications and Office Systems	(Business & Management)			
CAS 103 Introduction to Windows (1)	Computer Applications I	Nancy Smith	15	15
CAS 104 Basic Internet Skills (1)	Computer Applications II	Nancy Smith	21	21
CAS 109 Beginning PowerPoint (1)	Computer Applications II	Nancy Smith	21	21
CAS 121A Beginning Keyboarding (1)	Computer Applications I	Nancy Smith	15	15
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications II	Nancy Smith	21	84
CAS 216A Beginning Word (1)	Computer Applications I	Nancy Smith	15	15

Not Offered

Computer Applications and Office Systems	(Business & Management)			
CAS 106 Introduction to X/HTML (1)	Web Design	Nancy Smith	0	0
Summary for Merlo Station High School:			192	255

2011-2012 Articulation Details by Discipline and Career Pathway

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

Newberg Campus High School

Winter Term 2012

Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 185	AutoCAD Inventor - Fundamentals (3)	AutoCAD Inventor	Terry Coss	6	18
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Landscape Technology

(Natural Resource Systems)

LAT 106	Basic Horticulture (4)	Intro to Horticultural Science	Peter Siderius	10	40
LAT 109	Plant Propagation (3)	Greenhouse	Peter Siderius	0	0

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Engineering/Metals	Terry Coss	20	20
MCH 105	Blueprint Reading I (1.5)	Engineering/Metals	Terry Coss	20	30
MCH 135	Basic Measuring Tools (1.5)	Engineering/Metals	Terry Coss	17	25.5
MCH 150	Precision Measuring Tools (1.5)	Engineering/Metals	Terry Coss	0	0
MCH 160	Drilling Machines & Operations (2)	Engineering/Metals	Terry Coss	18	36
MCH 175	Band Saws (1)	Engineering/Metals	Terry Coss	18	18
MCH 180	Turning Machines and Operations (4)	Engineering/Metals	Terry Coss	5	20
MCH 195	Threading on the Lathe (3)	Engineering/Metals	Terry Coss	16	48
MCH 205	Vertical Milling Machine and Operations (3.5)	Engineering/Metals	Terry Coss	2	7
MCH 210	Project Machine Technology IV (6)	Engineering/Metals	Terry Coss	7	42

Math

(None)

MTH 111	College Algebra (5)	Pre-Calculus B	Sharon Walesby	43	215
MTH 111	College Algebra (5)	Pre-Calculus B	Bruce Sinkbeil	9	45
MTH 251	Calculus I (4)	Calculus I	Sharon Walesby	13	52
MTH 251	Calculus I (4)	Calculus I	Bruce Sinkbeil	18	72

Welding

(Industrial and Engineering)

WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding I	Daniel Evonuk	0	0
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Spring Term 2012

Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 185	AutoCAD Inventor - Fundamentals (3)	AutoCAD Inventor	Terry Coss	1	3
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English

(None)

ENG 104	Introduction to Literature (Fiction) (4)	Advanced Senior English	Catherine Kernodle	47	188
ENG 105	Introduction to Literature (Drama) (4)	Advanced Senior English	Catherine Kernodle	49	196
ENG 105	Introduction to Literature (Drama) (4)	Shakespeare	Drea Ferguson	28	112
ENG 213	Latin American Literature (4)	Latin American Literature	Catherine Kernodle	18	72
WR 121	English Composition (4)	Advanced Senior English	Catherine Kernodle	47	188
WR 121	English Composition (4)	Shakespeare/Advanced Shakespeare	Drea Ferguson	30	120

Landscape Technology

(Natural Resource Systems)

LAT 106	Basic Horticulture (4)	Intro to Horticultural Science	Peter Siderius	1	4
LAT 109	Plant Propagation (3)	Greenhouse	Peter Siderius	10	30

2011-2012 Articulation Details by Discipline and Career Pathway

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

Newberg Campus High School

Spring Term 2012

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Engineering/Metals	Terry Coss	8	8
MCH 105	Blueprint Reading I (1.5)	Engineering/Metals	Terry Coss	7	10.5
MCH 135	Basic Measuring Tools (1.5)	Engineering/Metals	Terry Coss	7	10.5
MCH 150	Precision Measuring Tools (1.5)	Engineering/Metals	Terry Coss	9	13.5
MCH 160	Drilling Machines & Operations (2)	Engineering/Metals	Terry Coss	5	10
MCH 175	Band Saws (1)	Engineering/Metals	Terry Coss	6	6
MCH 180	Turning Machines and Operations (4)	Engineering/Metals	Terry Coss	7	28
MCH 195	Threading on the Lathe (3)	Engineering/Metals	Terry Coss	5	15
MCH 205	Vertical Milling Machine and Operations (3.5)	Engineering/Metals	Terry Coss	8	28
MCH 210	Project Machine Technology IV (6)	Engineering/Metals	Terry Coss	3	18

Math

(None)

MTH 112	Elementary Functions (5)	Pre-Calculus A	Sharon Walesby	47	235
MTH 112	Elementary Functions (5)	Pre-Calculus A	Bruce Sinkbeil	10	50
MTH 252	Calculus II (5)	Calculus II	Bruce Sinkbeil	22	110
MTH 252	Calculus II (5)	Calculus II	Sharon Walesby	13	65

Welding

(Industrial and Engineering)

WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding I	Daniel Evonuk	8	32
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Not Offered

Welding

(Industrial and Engineering)

WLD 271	Oxy-acetylene Welding Projects (3)	Welding II	Daniel Evonuk	0	0
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Summary for Newberg Campus High School:

618 2,241

2011-2012 Articulation Details by Discipline and Career Pathway

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

Portland YouthBuilders

Summer Term 2011

Building Construction Technology

(Industrial and Engineering)

BCT 104	Construction Mathematics (3)	Builders Math	Dale Allen	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Tool Safety	Dale Allen	1	3
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	1	3
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	1	3

Career Guidance & College Success

(None)

CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	0	0
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Fall Term 2011

Building Construction Technology

(Industrial and Engineering)

BCT 104	Construction Mathematics (3)	Builders Math	Dale Allen	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Tool Safety	Dale Allen	10	30
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	0	0
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	4	12
BCT 206	Sustainable Construction Practices (3)	Sustainable Construction Practices	Dale Allen	0	0

Career Guidance & College Success

(None)

CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	8	24
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Winter Term 2012

Building Construction Technology

(Industrial and Engineering)

BCT 104	Construction Mathematics (3)	Builders Math	Dale Allen	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Tool Safety	Dale Allen	0	0
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	0	0
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	0	0
BCT 206	Sustainable Construction Practices (3)	Sustainable Construction Practices	Dale Allen	0	0

Career Guidance & College Success

(None)

CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	3	9
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Spring Term 2012

Building Construction Technology

(Industrial and Engineering)

BCT 104	Construction Mathematics (3)	Builders Math	Dale Allen	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Tool Safety	Dale Allen	0	0
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	0	0
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	0	0
BCT 206	Sustainable Construction Practices (3)	Sustainable Construction Practices	Dale Allen	0	0

Career Guidance & College Success

(None)

CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	3	9
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2011-2012 Articulation Details by Discipline and Career Pathway

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

Portland YouthBuilders

Not Offered

Career Guidance & College Success	(None)		Duplicated	Credits
Discipline	High School Course Title	Instructor	Students	Earned
CG 100A College Survival and Success (3)	College Survival and Success	Tom McKenna	0	0
CG 111A Study Skills for College Learning (3)	Study Skills for College Learning	Tom McKenna	0	0
Summary for Portland YouthBuilders:			31	93

2011-2012 Articulation Details by Discipline and Career Pathway

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

Rex Putnam High School

Spring Term 2012

Theatre Arts		(Arts & Communications)		
TA 141	Fundamentals of Acting Techniques (4)	Acting II	Kelley Marchant	24
				96
Summary for Rex Putnam High School:				24
				96

2011-2012 Articulation Details by Discipline and Career Pathway

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

Riverdale High School

Fall Term 2011

English	(None)			
WR 121 English Composition (4)	English Composition	Holly Finnerty	5	20
Summary for Riverdale High School:			5	20

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated	Credits
Discipline			High School Course Title	Students	Earned
Courses under Agreement (credits)					
Rosemary Anderson High School					
Winter Term 2012					
English		(None)			
ENG 104	Introduction to Literature (Fiction) (4)		Introduction to Literature (Fiction)	2	8
Reading		(None)			
RD 116	College Vocabulary Development (3)		College Vocabulary Development	7	21
Spring Term 2012					
English		(None)			
ENG 106	Introduction to Literature (Poetry) (4)		Intro to Literature (Poetry)	3	12
WR 121	English Composition (4)		Senior Honors Writing	2	8
Summary for Rosemary Anderson High School:				14	49

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered							
Discipline			(Career Pathway)	High School Course Title	Instructor	Duplicated Students	Credits Earned
Courses under Agreement (credits)							
Sabin - Schellenberg Center							
Winter Term 2012							
Fire Protection		(Natural Resource Systems)					
FP 101	Introduction to Fire Protection (3)	Fire Science I		Dennis Katz		17	51
Spring Term 2012							
Architectural Design & Drafting		(Industrial and Engineering)					
ARCH 101	Architectural Graphics 1 (3)	Computer Aided Design II		Nancy Merchant		9	27
ARCH 111	Working Drawings 1 (3)	Computer Aided Design II		Nancy Merchant		9	27
ARCH 126	Introduction to AutoCAD (3)	Computer Aided Design I		Nancy Merchant		18	54
Computer Aided Design & Drafting		(Industrial and Engineering)					
DRF 126	Introduction to AutoCAD (3)	Computer Aided Design I		Nancy Merchant		10	30
Fire Protection		(Natural Resource Systems)					
FP 280B	Cooperative Education: Fire Science - Seminar (2)	Fire Science I		Dennis Katz		15	30
Summary for Sabin - Schellenberg Center:						78	219

2011-2012 Articulation Details by Discipline and Career Pathway

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

Scappoose High School

Spring Term 2012

Early Education and Family Studies

(Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Development: Child's Exploration	Robyn Grabhorn	8	24
ECE 132	Early Childhood Field Work (2)	Child Development: Preschool III, IV	Robyn Grabhorn	8	16
Summary for Scappoose High School:				16	40

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline	(Career Pathway)		Duplicated	Credits
Courses under Agreement (credits)	High School Course Title	Instructor	Students	Earned
Sherwood High School				
Fall Term 2011				
Anthropology	(None)			
ATH 102 Intro Archaeology & Prehistory (4)	Archaeology	Brian Trostel	28	112
Architectural Design & Drafting	(Industrial and Engineering)			
ARCH 140 Introduction to CHIEF ARCHITECT (3)	Architecture 1	John Niebergall	17	51
Biology	(None)			
BI 121 Introduction of Human Anatomy and Physiology (4)	Introduction of Human Anatomy & Physiology	Karen Brundage	55	220
Building Construction Technology	(Industrial and Engineering)			
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Woods II, Basic Construction	Jon Dickover	6	18
Computer Applications and Office Systems	(Business & Management)			
CAS 170A Beginning Excel (1)	Computer Applications	Elizabeth Barrett	25	25
CAS 216A Beginning Word (1)	Computer Applications	Elizabeth Barrett	25	25
Math	(None)			
MTH 111 College Algebra (5)	Trigonometry & Pre-Calculus	Teresa Swake	41	205
MTH 111 College Algebra (5)	Trigonometry & Pre-Calculus	Gary Rombach	88	440
MTH 251 Calculus I (4)	AP Calculus	Teresa Swake	26	104
Winter Term 2012				
Biology	(None)			
BI 121 Introduction of Human Anatomy and Physiology (4)	Introduction of Human Anatomy & Physiology	Karen Brundage	21	84
BI 122 Introduction to Human Anatomy and Physiology II (4)	Introduction Human Anatomy & Physiology	Karen Brundage	25	100
Computer Aided Design & Drafting	(Industrial and Engineering)			
DRF 117 Drafting Fundamentals (4)	Engineering 2	John Niebergall	22	88
DRF 270 SolidWorks Fundamentals (3)	Engineering 2	John Niebergall	22	66
Computer Applications and Office Systems	(Business & Management)			
CAS 170A Beginning Excel (1)	Computer Applications	Elizabeth Barrett	49	49
CAS 216A Beginning Word (1)	Architecture 2, Engineering 3, 4, 5	John Niebergall	9	9
CAS 216A Beginning Word (1)	Computer Applications	Elizabeth Barrett	49	49
Machine Manufacturing Technology	(None)			
MCH 229 Rapid Prototyping (5)	Engineering 4	John Niebergall	0	0
MCH 291 Laser Cutting and Engraving Fundamentals (1)	Engineering 3, 4, 5	John Niebergall	10	10
MCH 292 FDM Additive Manufacturing Fundamentals Orientation (1.5)	Engineering 3, 4, 5	John Niebergall	8	12

2011-2012 Articulation Details by Discipline and Career Pathway

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

Sherwood High School

Winter Term 2012

Math		(None)			
MTH 111	College Algebra (5)	Trigonometry & Pre-Calculus	Gary Rombach	37	185
MTH 112	Elementary Functions (5)	Trigonometry	Gary Rombach	0	0
MTH 112	Elementary Functions (5)	Trigonometry & Pre-Calculus	Greg Ptaszynski	37	185
MTH 112	Elementary Functions (5)	Trigonometry & Pre-Calculus	Teresa Swake	29	145
MTH 243	Statistics I (4)	AP Probability and Statistics	Greg Ptaszynski	7	28
MTH 252	Calculus II (5)	AP Calculus	Teresa Swake	28	140
Medical Professions		(Health Services)			
MP 109	Basic Medical Terminology I (2)	Health Occupations A & B	Kari Turner	1	2

Spring Term 2012

Architectural Design & Drafting		(Industrial and Engineering)			
ARCH 111	Working Drawings 1 (3)	Architecture 2	John Niebergall	2	6
Biology		(None)			
BI 122	Introduction to Human Anatomy and Physiology II (4)	Introduction Human Anatomy & Physiology	Karen Brundage	43	172
Building Construction Technology		(Industrial and Engineering)			
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woods II, Basic Construction	Jon Dickover	0	0
Computer Applications and Office Systems		(Business & Management)			
CAS 170A	Beginning Excel (1)	Computer Applications	Elizabeth Barrett	40	40
CAS 216A	Beginning Word (1)	Computer Applications	Elizabeth Barrett	40	40
CAS 216A	Beginning Word (1)	Architecture 2, Engineering 3, 4, 5	John Niebergall	27	27
Computer Aided Design & Drafting		(Industrial and Engineering)			
DRF 117	Drafting Fundamentals (4)	Engineering 2	John Niebergall	19	76
DRF 270	SolidWorks Fundamentals (3)	Engineering 2	John Niebergall	19	57
Machine Manufacturing Technology		(None)			
MCH 229	Rapid Prototyping (5)	Engineering 4	John Niebergall	0	0
MCH 290	Mastercam Fundamentals Orientation (1)	Engineering 3, 4, 5	John Niebergall	0	0
MCH 291	Laser Cutting and Engraving Fundamentals (1)	Engineering 3, 4, 5	John Niebergall	34	34
MCH 292	FDM Additive Manufacturing Fundamentals Orientation (1.5)	Engineering 3, 4, 5	John Niebergall	33	49.5
MCH 294	3 Dimensional Digital Laser Scanning Fundamentals (1.5)	Engineering 3, 4, 5	John Niebergall	0	0
Math		(None)			
MTH 112	Elementary Functions (5)	Trigonometry & Pre-Calculus	Greg Ptaszynski	37	185
MTH 112	Elementary Functions (5)	Trigonometry & Pre-Calculus	Teresa Swake	43	215
MTH 244	Statistics II (4)	AP Probability and Statistics	Greg Ptaszynski	4	16
MTH 253	Calculus III (5)	AP Calculus	Teresa Swake	27	135

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered

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

Sherwood High School

Spring Term 2012

Medical Professions

(Health Services)

MP 110	Basic Medical Terminology II ()	Health Occupations A & B	Kari Turner	1	2
MP 111	Medical Terminology (4)	Health Occupations A & B	Kari Turner	10	40

Not Offered

Math

(None)

MTH 111	College Algebra (5)	Trigonometry & Pre-Calculus	Greg Ptaszynski	0	0
MTH 251	Calculus I (4)	AP Calculus	Gary Rombach	0	0
MTH 251	Calculus I (4)	AP Calculus	Greg Ptaszynski	0	0
MTH 252	Calculus II (5)	AP Calculus	Greg Ptaszynski	0	0
MTH 252	Calculus II (5)	AP Calculus	Gary Rombach	0	0
MTH 253	Calculus III (5)	AP Calculus	Greg Ptaszynski	0	0

Summary for Sherwood High School:

1,044 3,447

2011-2012 Articulation Details by Discipline and Career Pathway

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

South Albany High School

Winter Term 2012

Building Construction Technology

(Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Introduction to Woodworking	Chava Neuhaus	54	162
BCT 216	Cabinetry I (2)	Cabinetmaking I	Chava Neuhaus	9	18

Spring Term 2012

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

Summary for South Albany High School:

63 180

2011-2012 Articulation Details by Discipline and Career Pathway

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

Southridge High School

Winter Term 2012

American Sign Language		(Human Resources)			
ASL 101	First Year American Sign Language I (4)	First Year ASL	Tom Wills	6	24
ASL 102	First Year American Sign Language II (4)	Second Year ASL	Tom Wills	0	0
ASL 103	First Year American Sign Language III (4)	Third Year ASL	Tom Wills	17	68

Spring Term 2012

American Sign Language		(Human Resources)			
ASL 101	First Year American Sign Language I (4)	First Year ASL	Tom Wills	30	120
ASL 102	First Year American Sign Language II (4)	Second Year ASL	Tom Wills	13	52
Summary for Southridge High School:				66	264

2011-2012 Articulation Details by Discipline and Career Pathway

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

St. Helens High School

Winter Term 2012

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Metals I - First Semester	Rory Lewno	0	0
MCH 105	Blueprint Reading I (1.5)	Metals I - First Semester	Rory Lewno	0	0
MCH 135	Basic Measuring Tools (1.5)	Metals I - First Semester	Rory Lewno	0	0
MCH 150	Precision Measuring Tools (1.5)	Metals I & Advanced Metals - Second Semester	Rory Lewno	0	0
MCH 160	Drilling Machines & Operations (2)	Metals I - First Semester	Rory Lewno	0	0
MCH 175	Band Saws (1)	Metals I - First Semester	Rory Lewno	0	0

Welding

(Industrial and Engineering)

WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals I - First Semester	Rory Lewno	0	0
WLD 112	SMAW: Mild Steel I (E7018) (4)	Metals I - First Semester	Rory Lewno	0	0
WLD 113	SMAW: Mild Steel II (E7018) (4)	Advanced Metals - First Semester	Rory Lewno	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Advanced Metals - First Semester	Rory Lewno	0	0
WLD 115	SMAW: Mild Steel IV (E6011) (3)	Advanced Metals - First Semester	Rory Lewno	0	0

Spring Term 2012

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111	Working Drawings 1 (3)	Advanced Technical Drawing	John Tainter	2	6
ARCH 140	Introduction to CHIEF ARCHITECT (3)	Advanced Technical Drawing	John Tainter	2	6

Automotive Service Technology

(Industrial and Engineering)

AM 100	Introduction to Automotive (4)	Automotive Technology II-IV	Mike Herdrich	13	52
AM 111	Engine Repair (4)	Automotive Technology I	Mike Herdrich	12	48
AM 151	Undercar Systems I (4)	Automotive Technology III-IV	Mike Herdrich	10	40
AM 161	Electrical I (4)	Automotive Technology III-IV	Mike Herdrich	2	8

Building Construction Technology

(Industrial and Engineering)

BCT 103	Residential Materials/Methods (3)	Building Construction	Joseph Mauck	5	15
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Building Construction	Joseph Mauck	5	15
BCT 218	Woodworking Projects (2)	Building Construction and Woodworking	Joseph Mauck	4	8

Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117	Drafting Fundamentals (4)	Technical Drawing I & II	John Tainter	3	12
DRF 270	SolidWorks Fundamentals (3)	SolidWorks Fundamentals	John Tainter	2	6

Early Education and Family Studies

(Human Resources)

ECE 120	Introduction to Early Education and Family	Child Development I and II	Martine Barnett	20	60
ECE 132	Early Childhood Field Work (2) Studies (3)	ECE	Martine Barnett	13	26

2011-2012 Articulation Details by Discipline and Career Pathway

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

St. Helens High School

Spring Term 2012

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 110	Blueprint Reading II (1.5)	Advanced Metals - Second Semester	Rory Lewno	4	6
MCH 120	Machine Shop Math (2)	Advanced Metals - Second Semester	Rory Lewno	4	8
MCH 125	Speeds and Feeds (1)	Advanced Metals - Second Semester	Rory Lewno	3	3
MCH 145	Layout Tools (1.5)	Metals I - Second Semester	Rory Lewno	5	7.5
MCH 157	Project Machine Tech I (1.5)	Metals I & Advanced Metals - Second Semester	Rory Lewno	3	4.5
MCH 158	Project Machine Tech II (3)	Advanced Metals - Second Semester	Rory Lewno	3	9
MCH 180	Turning Machines and Operations (4)	Metals I - Second Semester	Rory Lewno	4	16
MCH 195	Threading on the Lathe (3)	Metals I & Advanced Metals - Second Semester	Rory Lewno	2	6
MCH 205	Vertical Milling Machine and Operations (3.5)	Metals I & Advanced Metals - Second Semester	Rory Lewno	3	10.5

Welding

(Industrial and Engineering)

WLD 131	Gas Metal Arc Welding (3)	Metals I & Advanced Metals - Second Semester	Rory Lewno	1	3
WLD 141	Flux-Cored Arc Welding I (Gas Shielded) (3)	Metals I - Second Semester	Rory Lewno	0	0
WLD 261	Basic Fabrication I (6)	Advanced Metals - Second Semester	Rory Lewno	1	6
WLD 271	Oxy-acetylene Welding Projects (3)	Metals I - Second Semester	Rory Lewno	1	3

Summary for St. Helens High School:

127 385

2011-2012 Articulation Details by Discipline and Career Pathway

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

Sunset High School

Winter Term 2012

Business Administration

(Business & Management)

BA 101	Introduction to Business (4)	Marketing III	Nicole Taylo	34	136
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Career Guidance & College Success

(None)

CG 100C	College Survival and Success (1)	College Survival and Success	Emily O'Quinn	15	15
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Spring Term 2012

Career Guidance & College Success

(None)

CG 100C	College Survival and Success (1)	College Survival and Success	Emily O'Quinn	9	9
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Computer Information Systems

(Industrial and Engineering)

CIS 133J	Java Programming I (4)	Java Programming	Jason Galbraith	4	16
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Summary for Sunset High School:

62 176

2011-2012 Articulation Details by Discipline and Career Pathway

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

Tigard High School

Winter Term 2012

Automotive Service Technology

(Industrial and Engineering)

AM 100	Introduction to Automotive (4)	Auto Tech 1	Jay Butz	0	0
AM 111	Engine Repair (4)	Auto Tech 1	Jay Butz	0	0

History

(None)

HST 201	History of the United States I (4)	Advanced US History	Murray Carlisle	60	240
HST 201	History of the United States I (4)	Advanced US History	Dave Unis	91	364

Psychology

(Health Services)

PSY 201	Intro to Psychology - Part I (4)	IB Psychology I	Frank Caro	75	300
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Spring Term 2012

Automotive Service Technology

(Industrial and Engineering)

AM 111	Engine Repair (4)	Auto Tech 1	Jay Butz	0	0
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Biology

(None)

BI 101	Biology (4)	IB Bio I	Karen Harris	25	100
BI 101	Biology (4)	IB Bio I	Michael Weitzhandler	50	200
BI 102	Biology (4)	IB Bio II	Karen Harris	28	112
BI 103	Biology (4)	IB Bio II	Karen Harris	27	108

History

(None)

HST 202	History of the United States II (4)	Advanced US History	Dave Unis	85	340
HST 202	History of the United States II (4)	Advanced US History	Murray Carlisle	61	244
HST 203	History of the United States III (4)	Advanced US History	Dave Unis	85	340
HST 203	History of the United States III (4)	Advanced US History	Murray Carlisle	61	244

Psychology

(Health Services)

PSY 201	Intro to Psychology - Part I (4)	IB Psychology I	Frank Caro	17	68
PSY 202	Intro to Psychology - Part II (4)	IB Psychology II	Frank Caro	32	128

Summary for Tigard High School:

697 2,788

2011-2012 Articulation Details by Discipline and Career Pathway

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

Tualatin High School

Spring Term 2012

Early Education and Family Studies		(Human Resources)			
ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I & II	Sarah Lind	40	120
ECE 132	Early Childhood Field Work (2)	Child Services I & II	Sarah Lind	40	80
Summary for Tualatin High School:				80	200

2011-2012 Articulation Details by Discipline and Career Pathway

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

Vernonia High School

Not Offered

Building Construction Technology	(Industrial and Engineering)			
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Construction 4	Cecil Fellas	0	0
Summary for Vernonia High School:			0	0

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)	(Career Pathway) High School Course Title	Instructor	Duplicated Students	Credits Earned
Westview High School				
Winter Term 2012				
Career Guidance & College Success		(None)		
CG 100C College Survival and Success (1)	College Survival and Success	Susan Long	5	5
CG 100C College Survival and Success (1)	College Survival and Success	Chris Martin	10	10
Engineering		(Industrial and Engineering)		
ENGR 100 Exploring Engineering (1)	Exploring Engineering	Brian Gerber	17	17
English		(None)		
ENG 254 Survey of American Literature (4)	Senior English Seminar	Elizabeth Neely	25	100
Spring Term 2012				
Career Guidance & College Success		(None)		
CG 100C College Survival and Success (1)	College Survival and Success	Chris Martin	7	7
CG 100C College Survival and Success (1)	College Survival and Success	Susan Long	6	6
Early Education and Family Studies		(Human Resources)		
ECE 120 Introduction to Early Education and Family Studies (3)	Child Development II	Claire Floyd	12	36
ECE 132 Early Childhood Field Work (2)	Child Development III	Claire Floyd	4	8
English		(None)		
WR 122 English Composition (4)	Advanced Senior English Seminar	Elizabeth Neely	20	80
Summary for Westview High School:			106	269

2011-2012 Articulation Details by Discipline and Career Pathway

Courses Offered	(Career Pathway)		Duplicated	Credits
Discipline	High School Course Title	Instructor	Students	Earned
Courses under Agreement (credits)				
William P. Lord High School				
Fall Term 2011				
Music	(Arts & Communications)			
MUS 190 Introduction to the Piano (2)	Introduction to Piano	Ed Whitlock	2	4
Winter Term 2012				
Music	(Arts & Communications)			
MUS 190 Introduction to the Piano (2)	Introduction to Piano	Ed Whitlock	1	2
Spring Term 2012				
Music	(Arts & Communications)			
MUS 190 Introduction to the Piano (2)	Introduction to Piano	Ed Whitlock	2	4
Summary for William P. Lord High School:			5	10

2011-2012 Articulation Details by Discipline and Career Pathway

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

Wilson High School

Spring Term 2012

Computer Applications and Office Systems	(Business & Management)			
CAS 208 Beginning Photoshop for the Web (3)	Digital Media Design & Production	Martin Douglass	30	90
Summary for Wilson High School:			30	90

2011-2012 Articulation Details by Discipline and Career Pathway

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

Wilsonville High School

Winter Term 2012

Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Engineering	Judy Morris-Green	0
DRF 126	Introduction to AutoCAD (3)	Beginning CAD	Judy Morris-Green	1
				0
				3

Spring Term 2012

Architectural Design & Drafting		(Industrial and Engineering)		
ARCH 111	Working Drawings 1 (3)	Architectural Drafting I	Judy Morris-Green	1
				3

Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Engineering	Judy Morris-Green	2
DRF 126	Introduction to AutoCAD (3)	Beginning CAD	Judy Morris-Green	0
				8
				0

Summary for Wilsonville High School: **4** **14**