



Portland
Community
College

We're all about
your future.

PCC Dual Credit

Earn College Credit
While in High School

2009-2010 Annual Report

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PCC DUAL CREDIT

WHAT IS IT?

The PCC Dual Credit program provides high school students with an early opportunity to earn college credit for the coursework they've completed while in high school. During 2009-10 there were 501 "articulated" Portland Community College courses taught at area high schools by approximately 172 approved high school instructors.

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 instructors 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 most other institutions outside the state

High school students can earn PCC credit in:

Career & Technical Education courses which lead to a degree or certificate, or University Transfer courses that count toward a Bachelor's degree.

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 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 rich school/poor school issues

For more information on offering PCC Dual Credit, please contact Karen Jones at 971-722-7736/kjones@pcc.edu or Jacqlyn Proper at 971-722-7737/jstephan@pcc.edu, or visit the PCC Dual Credit website at: www.pcc.edu/pavtec/dual.

INSTRUCTOR APPROVAL PROCESS & QUALIFICATIONS

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

STEP 1.) INSTRUCTOR APPROVAL

For Career & Technical Education (CTE) Instructors:

There are 6 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 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 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.

Submit this information by fax (971-722-7805), email to Karen Jones (kjones@pcc.edu), or mail to:

Karen Jones
PCC Dual Credit/PAVTEC
P.O. Box 19000, RC 5-116
Portland, OR 97280

STEP 2.) COURSE APPROVAL

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

- Course information: title, course number, course description, prerequisite (if any)
- Instructor name, phone number, e-mail address, web page or other contact information as appropriate
- Textbook and other supplemental reading sources: authors' names, titles, date of publication, publisher, etc.
- Course Outcomes: Refer to the Course Content and Outcome Guide's (CCOG's) at www.pcc.edu/ccog. State what the students are to learn in the course. The objectives should be measurable. The equivalent high school course would need to align/overlap in content, outcomes and level of rigor.
- Schedule of learning activities (attach or include a course schedule that indicates the dates when various topics will be covered, when exams will be given, when papers or other projects will be due, etc.)
- Course requirements and grading criteria that include reading assignments, the type of assessments required and how they will be weighted relative to one another, how the final grade will be determined, policies regarding attendance, class participation, make-up work, extra credit, etc., as applicable.

STEP 3.) ARTICULATION AGREEMENT

When approved, the PCC Dual Credit office will create an Articulation Agreement for signature by PCC and the high school. The existing PCC Dual Credit Articulation Agreements are reviewed annually in the fall, if no changes have occurred in the content, title, textbook, or instructor of a current course, the agreement will be renewed for another year.

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 plans to submit for approval August 2011.

Specifically, there are three areas in which the Taskforce recommends needed focus in Oregon.

- Strengthening faculty connections
 - * Consistent, collegial interactions between high school faculty and their counterparts at sponsoring colleges 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 continually 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.

(This information is extracted from the Oregon Dual Credit Program Application Planning Guide and Procedures, CCWD-ODE)

The Oregon Standards closely align with, and are heavily indebted to, the National Alliance of Concurrent Enrollment Partnerships standards.

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.

CONNECTIONS

CONNECTIONS TEAMS MEETINGS

Connections Team 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. During the 2009-10 school year, Connections Teams were focused on the Career and Technical Education Programs of Study, specifically Technical Skills Assessment.

There were 10 different Team meetings covering 27 different program areas with 207 total participants from area high schools and Portland Community College. For programs tasked with identifying what assessment will be used to measure student skill attainment, instructors had an opportunity to share and collaborate with colleagues outside their district.

As the PCC Dual Credit program aligns more closely with the Oregon Dual Credit Standards, the Connections meetings will be critical in meeting the 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. Connections meetings in the future will focus on course content, course delivery, assessment, evaluation and professional development in the field of study.

“Dual Credit is very important to our small school, to our district, and to our community. It is a big help to students concerned about paying for school, allows us to offer challenging, higher level classes with an incentive to students, and give students more options for pursuing higher education.”

PCC Dual Credit Instructor

“(Receiving 8 PCC credits while in high school was) A great benefit! It’s a great feeling to kill two birds with one stone. It encouraged me to take certain classes since dual credit was offered and I really liked the feeling of accomplishment when the credits were earned. Saving money was a great plus too! If the credits will transfer it will be great, but if not that’s okay too because if for some reason I need to move to PCC then I will already have a start there too.”

Jessica, Forest Grove High School Student

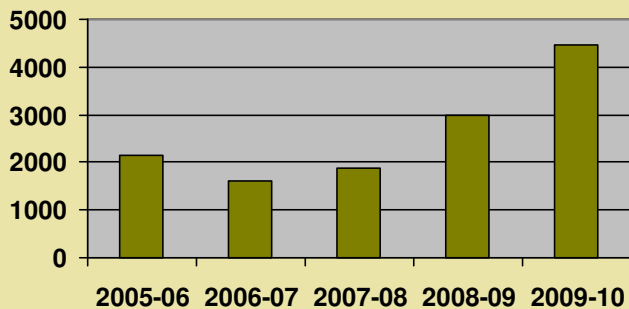
LOOKING AT THE LAST FIVE YEARS

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).

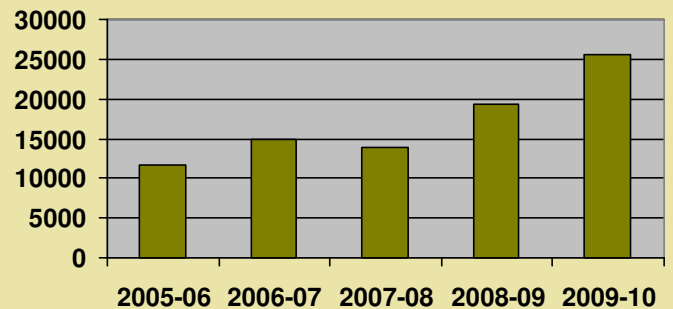
Last year (2009-10) the program saw an increase in participation likely due to the college offering the credits at no cost. In addition, the college more closely aligned the Dual Credit registration guidelines with those on PCC campuses.

SCHOOL YEAR	NUMBER OF INSTRUCTORS	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
2005-06	130	1,624	11,754	\$56,840	\$695,416
2006-07	138	2,135	14,916	\$74,725	\$924,647
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

Student Participation



Credits Earned



*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 \$76 per credit (minus the \$35 fee charged to each student prior to 2009-10).

SAVINGS & COSTS

SAVINGS AND DIRECT COSTS TO STUDENTS BY HIGH SCHOOL

SCHOOL	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Alliance at FOCUS	0	0	FREE	\$0
Alliance at Meek ProTech	6	26	FREE	\$1,976
ACMA	0	0	FREE	\$0
Aloha	313	1,293	FREE	\$98,268
Banks	40	547	FREE	\$41,572
Beaverton	253	977	FREE	\$74,252
Benson	112	1,032	FREE	\$78,432
Canby	4	12	FREE	\$912
Central Catholic	101	404	FREE	\$30,704
Century	144	495	FREE	\$37,620
Clark County Skills Center	56	168	FREE	\$12,768
Cleveland	77	519	FREE	\$39,444
Early College	238	548	FREE	\$41,648
Forest Grove	208	1,459	FREE	\$110,884
Franklin	267	1,150	FREE	\$87,400
Gaston	33	101	FREE	\$7,676
Gervais	8	24	FREE	\$1,824
Glencoe	334	1,737	FREE	\$132,012
Hillsboro	152	585	FREE	\$44,460
Horizon Christian	17	159	FREE	\$12,084
Jefferson	10	44	FREE	\$3,344
Lake Oswego	82	488	FREE	\$37,088
Lakeridge	135	964	FREE	\$73,264
Liberty	144	852	FREE	\$64,752
Madison Campus	84	336	FREE	\$25,536
Marshall Campus	114	722	FREE	\$54,872
McMinnville	80	230	FREE	\$17,480
Merlo Station	35	102	FREE	\$7,752

SCHOOL	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Molalla	0	0	FREE	\$0
PPS-Mt. Scott Learning Center	8	24	FREE	\$1,824
Newberg Campus	262	2,205	FREE	\$167,580
PPS-Open Meadow	12	36	FREE	\$2,736
Oregon Islamic Academy	4	20	FREE	\$1,520
PIVOT	0	0	FREE	\$0
PPS-Education Options	34	68	FREE	\$5,168
PPS-Pangaea Project	11	33	FREE	\$2,508
PPS-Portland YouthBuilders	87	267	FREE	\$20,292
Riverdale	19	76	FREE	\$5,776
Roosevelt Campus	0	0	FREE	\$0
Rosemary Anderson	3	12	FREE	\$912
Sabin-Schellenberg	86	291	FREE	\$22,116
Sherwood	195	1,404	FREE	\$106,704
South Albany	11	22	FREE	\$1,672
Southridge	76	274	FREE	\$20,824
Sprague	7	21	FREE	\$1,596
St. Helens	196	2,480	FREE	\$188,480
Sunset	22	58	FREE	\$4,408
Tigard	259	2,653	FREE	\$201,628
Tualatin	32	160	FREE	\$12,160
Vernonia	0	0	FREE	\$0
Westview	76	413	FREE	\$31,388
Totals	4,447	25,490	FREE	\$1,937,240

*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 \$76 per credit (minus the \$35 fee charged to each student prior to 2009-10).

SAVINGS AND DIRECT COSTS TO STUDENTS BY SCHOOL DISTRICT

BEAVERTON SCHOOL DISTRICT	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
ACMA	0	0	FREE	\$0
Aloha	313	1,293	FREE	\$98,268
Beaverton	253	977	FREE	\$74,252
Early College	238	548	FREE	\$41,648
Merlo Station	35	102	FREE	\$7,752
Southridge	76	274	FREE	\$20,824
Sunset	22	58	FREE	\$4,408
Westview	76	413	FREE	\$31,388
Beaverton SD Totals	1,013	3,665	FREE	\$278,540

HILLSBORO SCHOOL DISTRICT	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Century	144	495	FREE	\$37,620
Glencoe	334	1,737	FREE	\$132,012
Hillsboro	152	585	FREE	\$44,460
Liberty	144	852	FREE	\$64,752
Hillsboro SD Totals	774	3,669	FREE	\$278,844

LAKE OSWEGO SCHOOL DISTRICT	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Lake Oswego	82	488	FREE	\$37,088
Lakeridge	135	964	FREE	\$73,264
Lake Oswego SD Totals	217	1,452	FREE	\$110,352

TIGARD-TUALATIN SCHOOL DISTRICT	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Tigard	259	2,653	FREE	\$201,628
Tualatin	32	160	FREE	\$12,160
Tigard-Tualatin SD Totals	291	2,813	FREE	\$213,788

PORTLAND PUBLIC SCHOOLS	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Alliance at FOCUS	0	0	FREE	\$0
Alliance at Meek ProTech	6	26	FREE	\$1,976
Benson	112	1,032	FREE	\$78,432
Cleveland	77	519	FREE	\$39,444
Education Options	34	68	FREE	\$5,168
Franklin	267	1,150	FREE	\$87,400
Jefferson	10	44	FREE	\$3,344
Madison Campus	84	336	FREE	\$25,536
Marshall Campus	114	722	FREE	\$54,872
Mt. Scott Learning Center	8	24	FREE	\$1,824
Open Meadow	12	36	FREE	\$2,736
Pangaea Project	11	33	FREE	\$2,508
Portland YouthBuilders	87	267	FREE	\$20,292
Roosevelt Campus	0	0	FREE	\$0
PPS Totals	822	4,257	FREE	\$323,532

*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 \$76 per credit (minus the \$35 fee charged to each student prior to 2009-10).

Currently there are 50 articulating high schools within the Portland area. In 2009-10, the PCC Dual Credit program registered 4,447 students who earned 25,490 PCC credits.

By registering for the college credit through their high school dual credit course, students were not charged tuition or any fees. This was a savings to students (and their parents) of over \$1,937,240 in PCC tuition and generated approximately 751 community college FTE!

HIGHLIGHTS FOR 2009-10

PCC Dual Credit opportunities have increased enormously this past year because of the dedication of high school instructors, administrators and staff at Portland Community College. Their influence is reflected in the tables on the next three pages.

35 NEW HIGH SCHOOL INSTRUCTORS APPROVED

NAME	HIGH SCHOOL	PCC COURSE(S)
Arlie Peyton	Alliance at FOCUS	WR 121
Katja Freeborn	Aloha	GER 101, 102
Jeff Smith	Aloha	CG 130
Stacey Armstrong	Beaverton	CAS 121, 133
Emily Ramberg	Beaverton	CAS 121, 133
Zeno Idzerda	Benson	EET 178
Darren Monen	Canby	BCT 100, 102, 106, 121
Nancy Peterson	Central Catholic	CAS 133
Wayne Svilar	Clark County Skills Center	CJA 111
Megan Brooke	Early College	CG 100C, 111C, 140B
David Douglas	Liberty	CAS 133
Adam Mahlum	Liberty	HST 201, 202, 203
Owen Griffiths	McMinnville	ENG 100
David Shultheis	McMinnville	ENGR 100, 101
Laura Syring	McMinnville	ESR 171
Nancy Smith	Merlo Station	CAS 103, 104, 106, 109, 121A, 133, 216A
Randy Spanfellner	Molalla	BCT 104, 106, 121
Sarah Kennedy	Mt. Scott Learning Center Open Meadow High School	MSD 121
Terry Coss	Newberg Campus	DRF 185
Dan Evonuk	Newberg Campus	WLD 111, 271
Steve Johnson	Oregon Islamic Academy	MTH 111C
Annie Marges	PPS-Education Options Portland YouthBuilders	CG 100A, 100B
Carla Gay	PPS-Education Options	CG 100B
Ari Alberg	PPS-Pangaea Project	MSD 121

35 NEW HIGH SCHOOL INSTRUCTORS APPROVED-CONTINUED

NAME	HIGH SCHOOL	PCC COURSE(S)
Sandra Ferguson	Portland YouthBuilders	CG 100C, 111A
Tom McKenna	Portland YouthBuilders	CG 100C, 111A
Nancy Merchant	Sabin-Schellenberg Center	ARCH 101, 111, 126 & DRF 126
Jon Dickover	Sherwood	BCT 106
Greg Ptaszynski	Sherwood	MTH 112, 251, 252
Teresa Swake	Sherwood	MTH 112, 251, 252
Chava Neuhaus	South Albany	BCT 106, 216, 217
Mike Bishop	Sprague	BCT 106
Martine Von Ins	St. Helens	ECE 120, 132
James Lekas	Sunset	CG 100C
Cecil Fellas	Vernonia	BCT 106

13 ARTICULATING INSTRUCTORS ADDED NEW COURSES

NAME	HIGH SCHOOL	PCC COURSE(S)
Levi Eckhardt	Banks	EMT 105, 106
Kathryn Robinson	Beaverton	CAS 121
Matt Bayha	Beaverton	MP 110
Andrea Ellis	Beaverton	MP 110
Paula Jacob	Beaverton	MP 110
Kathleen Newell	Beaverton	MP 110
Zeno Idzerda	Benson	DRF 135
James Lekas	Early College	CG 111C
Maggie (Helen) Brown	Early College	CG 100C
Chris Higginbotham	Forest Grove	BCT 226
Richard Espinoza	Horizon Christian	MTH 243, 244
Kristyn Westphal	Newberg Campus	ENG 213
Dennis Katz	Sabin-Schellenberg Center	FP 133

TOP FIVE PARTICIPATING HIGH SCHOOLS

CREDITS EARNED			UNDUPLICATED STUDENTS		
1.	Tigard	2,653	1.	Glencoe	334
2.	St. Helens	2,480	2.	Aloha	313
3.	Newberg Campus	2,205	3.	Franklin	267
4.	Glencoe	1,737	4.	Newberg Campus	262
5.	Forest Grove	1,459	5.	Tigard	259

TOP TEN ARTICULATING INSTRUCTORS

	NAME	HIGH SCHOOL	CREDITS EARNED	SUBJECT
1.	Rory Lewno	St. Helens	1,105	Welding
2.	Dave Unis	Tigard	1,084	History
3.	Rory Lewno	St. Helens	899.5	Machine Manufacturing
4.	Kristyn Westphal	Newberg Campus	808	English/Writing
5.	Terry Moore	Lakeridge	584	Math
6.	Theresa Swake	Sherwood	582	Math
7.	Bruce Sinkbeil	Newberg Campus	526	Math
8.	Louise Drow	Aloha	508	Automotive Services
9.	Theresa Hawkins	Franklin	504	Computer Applications
10.	Rob Brauer	Glencoe	489	Machine Manufacturing

“Dual Credit is a wonderful opportunity to facilitate college exposure for students who may be the first in their families to attend a college-level course.”

PCC Dual Credit Instructor

“I have taken at least three classes that I have received (PCC) college credit for. I can transfer them to any school I plan on going to and they are free!”

Olivia, Beaverton High School Student

CAREER & TECHNICAL EDUCATION

There were 2,365 Career & Technical Education high school students who earned PCC Dual Credit during the 2009-10 school year, giving them a jump start on their post-secondary education. These students earned 12,242 Career & Technical Education credits. The following chart details how many students and credits were awarded in the specific PCC Career & Technical Education program areas.

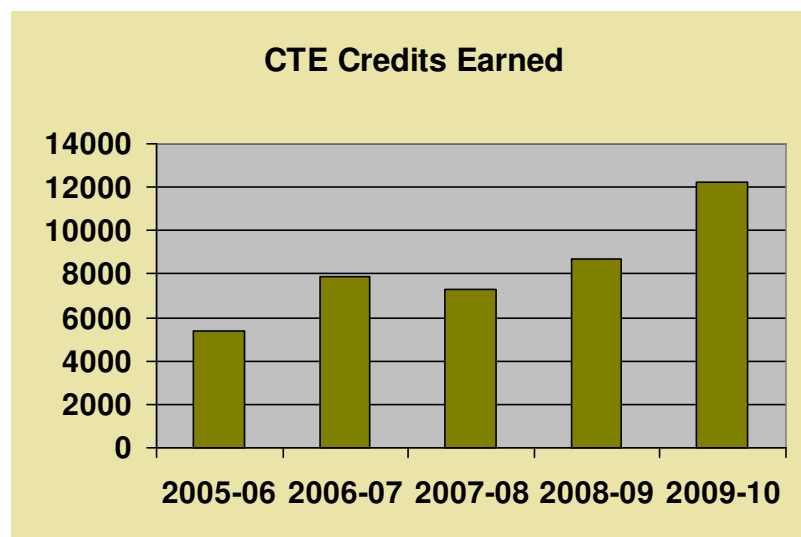
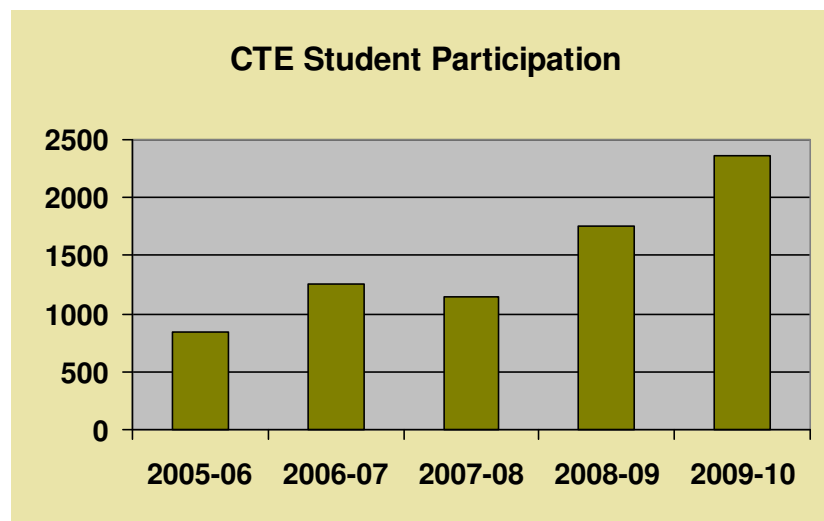
PCC CTE PROGRAM AREA	NUMBER OF HIGH SCHOOLS	NUMBER OF TEACHERS	UNDUPLICATED STUDENTS	CREDITS EARNED
Architectural Design & Drafting	8	8	107	453
Automotive Service Technology	7	7	140	1,088
Building Construction Technology	10	11	116	563
Computer Aided Design & Drafting	10	10	150	843
Computer Applications Systems	15	20	752	2,719
Computer Information Systems	1	1	12	48
Early Childhood Education	11	11	396	1,255
Electrical Trades	1	1	4	8
Electronic Engineering Technology	2	2	10	40
Emergency Medical Technician	2	2	33	123
Facilities Maintenance Technician	1	1	4	16
Fire Protection	3	3	60	310
Horticulture	1	2	0	0
Interior Design	1	1	20	60
Landscape Technology	3	4	73	288
Machine Manufacturing Technology	7	7	190	1,871
Management & Supervisory Development	4	2	58	174
Medical Professions	8	12	274	752
Microelectronics Technology	1	1	0	0
Office Systems	2	2	17	17
Professional Music	1	1	47	148
Welding	8	8	164	1,362

In 2009-10 there were 22 Career & Technical Education programs and 346 courses offered for Dual Credit.

LOOKING AT THE LAST FIVE YEARS

SCHOOL YEAR	SCHOOLS	ARTICULATING INSTRUCTORS	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
2005-06	34	94	844	5,380	\$344,320
2006-07	38	97	1,262	7,864	\$526,888
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

*Total number of individual students who received PCC Dual Credit for Career & Technical Education



CAREER & TECHNICAL EDUCATION 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 Tech	AM 101	Unit 1: Engine Repair I	4
	AM 102	Unit 2: Electrical Systems I	4
	AM 103	Unit 3: Engine Performance I	4
	AM 104	Unit 4: Steering and Suspension Systems I	4
	AM 105	Unit 5: Brakes Systems I	4
	AM 106	Unit 6: Heating and Air Conditioning	4
	AM 108	Unit 8: Intro to Automotive Systems I	4
Aviation Maintenance Tech	AMT 107	Materials & Processes	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
Aviation Science	AVS 120	Airplane: Private Pilot Ground	4
Building Construction Tech	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

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Building Construction Tech	BCT 217	Cabinetry II	2
	BCT 218	Woodworking Projects	2
	BCT 226	Finish Carpentry	2
Computer Applications Systems/ Office 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 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	
	OS 131	10-Key Calculator	1
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

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Civil/Mechanical Engineering Tech.	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
	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	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
Emergency Medical Tech	EMT 105	EMT Basic Part I	5
	EMT 106	EMT Basic Part II	5
	EMT 120	EMS: First Responder	3
Electrical Trades	ELT 201	Electrical Motor Control	2
Facilities Maintenance Tech	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

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Fire Protection	FP 280B	Cooperative Education: Fire Science Seminar	2
Graphic Design	GD 114	Introductory Typography	3
Horticulture	HOR 226	Plant Materials-Deciduous	4
	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 & Operations	2
	MCH 175	Band Saws	1.5
	MCH 180	Turning Machines and Operations	4

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Machine Manufacturing Technology	MCH 195	Threading on the Lathe	3.5
	MCH 205	Vertical Milling Machine & Operations	3.5
	MCH 210	Projects Machine Technology IV	6
	MCH 229	Rapid Prototyping	5
	MCH 272	Mastercam Level I	5
Medical Professions	MP 109	Basic Medical Terminology I	2
	MP 110	Basic Medical Terminology II	2
	MP 111	Medical Terminology	4
	BI 55	Human Biology	4
Management & Supervisory Development	MSD 101	Principles of Management & Supervision	3
	MSD 121	Leadership Skill Development	3
Microelectronics Technology	MT 101	Intro to Semiconductors Manuf.	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
Professional Music	MUC 154A	Band Performance Workshop I	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
	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

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Welding	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

“The opportunity for the students (to receive PCC Dual Credit in their building) has helped the (high school) program grow and offers the students whom may not be considering college a window into the college classroom.”

PCC Dual Credit Instructor

“Dual Credit is a very import “first step” in having kids start to transition to the next phase in his/her education.”

PCC Dual Credit Instructor

UNIVERSITY TRANSFER

University Transfer credit in such subject areas as English, Physics, History and Mathematics, among others count toward a Bachelor's degree . High school instructors who articulate University Transfer courses hold a Master's degree in the subject area or related area which is a requirement of state and PCC policy.

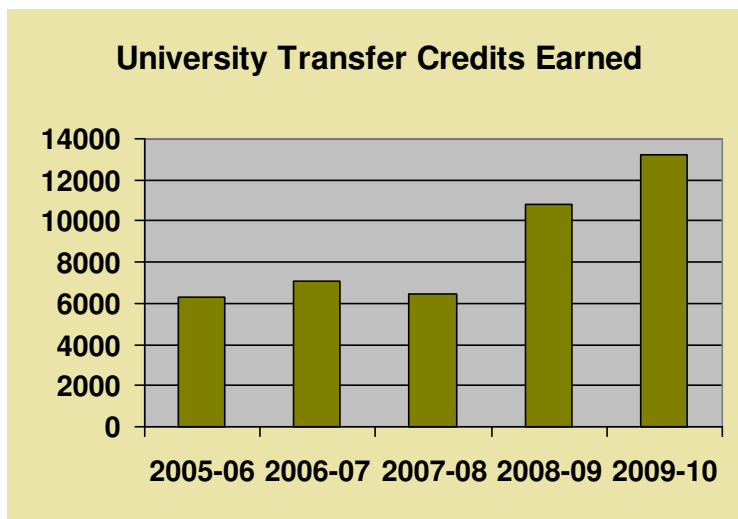
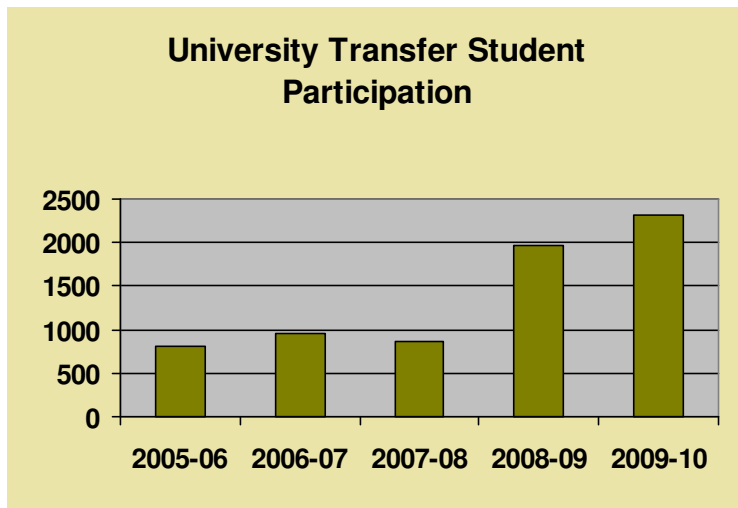
There were 2,319 University Transfer high school students who earned PCC Dual Credit during the 2009-10 school year, giving them a jump start on their post-secondary education. These students earned 13,248 University Transfer credits.

PCC PROGRAM AREA	NUMBER OF HIGH SCHOOLS	NUMBER OF TEACHERS	UNDUPLICATED STUDENTS	CREDITS EARNED
American Sign Language	1	1	76	304
Art	2	2	46	92
Biology	4	4	220	1,272
Business Administration	5	6	92	276
Career Guidance & College Success	6	10	498	1,038
Criminal Justice	3	6	74	342
Crop Soil Science	2	3	4	12
Dance	2	3	10	44
Engineering	1	2	43	70
English	4	5	215	1,088
Environmental Studies	1	1	10	40
General Science	1	1	15	60
German	1	1	0	0
Health	5	8	181	674
History	5	6	257	2,720
Math	8	12	487	3,538
Music	1	1	40	40
Physics	1	1	23	152
Psychology	1	1	79	316
Reading	1	1	82	328
Spanish	1	1	84	336
Writing	5	5	99	396

LOOKING AT THE LAST FIVE YEARS

SCHOOL YEAR	SCHOOLS	ARTICULATING INSTRUCTORS	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
2005-06	20	36	815	6,275	\$401,600
2006-07	25	41	961	7,051	\$472,417
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

*Total number of individual students who received PCC Dual Credit for University Transfer courses.



In 2009-10 there were 22 University Transfer programs and 155 courses offered for Dual Credit.

UNIVERSITY TRANSFER 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 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
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
Criminal Justice	CJA 100	Intro to Professions in Criminal Justice	3
	CJA 111	Intro to Criminal Justice System-Police	3

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Criminal Justice	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 192D	Modern Dance II	1
	D 209	Dance Performance	3
	D 252	Jazz Dance III	1
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
Engineering	ENGR 100	Exploring Engineering	1
	ENGR 101	Engineering Fundamentals	4
Environmental Studies	ESR 150	Environmental Studies Orientation	1
	ESR 160	Introduction to Environmental Systems	4
Environmental Studies	ESR 171	Environmental Science: Biological Perspectives	4
German	GER 101	First Year German	4
	GER 102	First Year German	4
	GER 103	First Year German	4
General Science	GS 108	Physical Science (Oceanography)	4

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
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 111C	College Algebra for Math, Science & Engineering	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 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
	PHY 201	General Physics	4
	PHY 202	General Physics	4
	PHY 203	General Physics	4

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Physics	PHY 211	General Physics (Calculus)	5
	PHY 213	General Physics (Calculus)	5
Psychology	PSY 201	Intro to Psychology-Part I	4
Reading	RD 115	College Reading	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
Writing	WR 115	Introduction to Expository Writing	3
	WR 117	Introduction to Technical Writing	3
	WR 121	English Composition	4

In 2009-10, PCC Dual Credit involved
19 school districts,
50 high school sites,
172 articulating teachers,
228 articulation agreements,
and 44 PCC programs.

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 2009-10 school year and the total number of credits earned and how many students registered for each course (represented here as duplicated students).

Page	Page
32 Alliance High School at FOCUS	64 Merlo Station High School
33 Alliance High School at Meek ProTech	65 Molalla High School
34 Aloha High School	66 Mt. Scott Learning Center
35 Arts & Communication Magnet Academy	67 Newberg Campus
36 Banks High School	69 Open Meadow High School
37 Beaverton High School	70 Oregon Islamic Academy
38 Benson High School	71 PIVOT
40 Canby High School	72 PPS-Education Options
41 Central Catholic High School	73 PPS-The Pangaea Project
42 Century High School	74 Portland YouthBuilders
43 Clark County Skills Center	75 Riverdale High School
44 Cleveland High School	76 Roosevelt Campus
45 Early College High School	77 Rosemary Anderson High School
46 Forest Grove High School	78 Sabin-Schellenberg Center
48 Franklin High School	79 Sherwood High School
50 Gaston JR/SR High School	81 South Albany High School
51 Gervais High School	82 Southridge High School
52 Glencoe High School	83 Sprague High School
54 Hillsboro High School	84 St. Helens High School
56 Horizon Christian High School	86 Sunset High School
57 Jefferson High School	87 Tigard High School
58 Lake Oswego High School	88 Tualatin High School
59 Lakeridge High School	89 Vernonia High School
60 Liberty High School	90 Westview High School
61 Madison Campus	
62 Marshall Campus	
63 McMinnville High School	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Alliance High School at FOCUS / University Transfer				
English	(None)		0	0
WR 121	English Composition (4)	English 121/English Composition	0	0
Summary for Alliance High School at FOCUS / University Transfer			0	0

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students		
Alliance High School at Meek ProTech / Career & Technical Education						
Automotive Service Technology	(Industrial and Engineering)			12	3	
AM 101	Unit 1: Engine Repair I (4)	Introduction to Engine Repair I, II	John Billups	0	0	
AM 102	Unit 2: Electrical Systems I (4)	Electrical Systems I	John Billups	0	0	
AM 103	Unit 3: Engine Performance I (4)	Intro to Auto Engine Tech I, II	John Billups	0	0	
AM 105	Unit 5: Brakes Systems I (4)	Brakes I, II	John Billups	0	0	
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Basic Auto Systems I, II	John Billups	12	3	
Computer Applications Systems/Office Systems	(Business & Management)			3	1	
CAS 111D	Beginning Website: Dreamweaver (3)	Arts & Communication III	Amy Taramasso	0	0	
CAS 208	Beginning Photoshop for the Web (3)	Arts & Communication I	Amy Taramasso	3	1	
Machine Manufacturing Technology	(Industrial and Engineering)			0	0	
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 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	
Welding	(Industrial and Engineering)			11	3	
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding A-B	Paul Reetz	4	1	
WLD 112	SMAW: Mild Steel I (E7018) (4)	Welding C-D	Paul Reetz	4	1	
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	3	1	
WLD 271	Oxy-acetylene Welding Projects (3)	Welding O-P	Paul Reetz	0	0	
Summary for Alliance High School at Meek ProTech / Career & Technical Education				26	7	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Aloha High School / Career & Technical Education				
Architectural Design & Drafting	(Industrial and Engineering)		60	20
ARCH 101 Architectural Graphics 1 (3)	Architecture Design II	Dennis Larsen	9	3
ARCH 111 Working Drawings 1 (3)	Architecture Design I	Dennis Larsen	51	17
Automotive Service Technology	(Industrial and Engineering)		508	127
AM 102 Unit 2: Electrical Systems I (4)	Automotive Technology II	Louise Drow	116	29
AM 103 Unit 3: Engine Performance I (4)	Automotive Technology II	Louise Drow	0	0
AM 104 Unit 4: Steering and Suspension Systems I (4)	Automotive Technology II	Louise Drow	60	15
AM 105 Unit 5: Brakes Systems I (4)	Automotive Technology II	Louise Drow	0	0
AM 108 Unit 8: Introduction to Automotive Systems I (4)	Automotive Technology I	Louise Drow	332	83
Computer Applications Systems / Office Systems	(Business & Management)		168	56
CAS 121 Beginning Keyboarding (3)	Keyboarding	Jeff Smith	168	56
Computer Aided Design & Drafting	(Industrial and Engineering)		199	52
DRF 117 Drafting Fundamentals (4)	Drafting I/AutoCAD	Dennis Larsen	140	35
DRF 126 Introduction to AutoCAD (3)	Drafting II/Advanced AutoCAD	Dennis Larsen	27	9
DRF 133 Intermediate Drafting (4)	Drafting II	Dennis Larsen	32	8
Summary for Aloha High School / Career & Technical Education			935	255
Aloha High School / University Transfer				
Career Counseling & College Success	(Human Services)		274	137
CG 130 Today's Careers (2)	Careers	Jeff Smith	274	137
German	(None)		0	0
GER 101 First Year German (4)	German 1A and 1B	Katja Freeborn	0	0
GER 102 First Year German (4)	German 2A and 2B	Katja Freeborn	0	0
Health	(Health Services)		84	21
HE 252 First Aid—Basics & Beyond (4)	First Aid Basics & Beyond	Michael Halbrook	84	21
Summary for Aloha High School / University Transfer			358	158

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Arts & Communication Magnet Academy / University Transfer					
Dance	(Arts & Communications)			0	0
D 150	Jazz Dance I (1)	Beginning Dance	Felice Moskowitz	0	0
D 150	Jazz Dance I (1)	Beginning Dance	Julane Stites	0	0
D 151	Jazz Dance II (1)	Intermediate Dance	Felice Moskowitz	0	0
D 151	Jazz Dance II (1)	Intermediate Dance	Julane Stites	0	0
D 192D	Modern Dance II (1)	Advanced Dance	Julane Stites	0	0
D 209	Dance Performance (3)	Performance Dance West/ Dance Ensemble	Julane Stites	0	0
D 252	Jazz Dance III (1)	Advanced Dance	Felice Moskowitz	0	0
D 252	Jazz Dance III (1)	Advanced Dance	Julane Stites	0	0
Summary for Arts & Communication Magnet Academy / University Transfer				0	0

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Banks High School / Career & Technical Education					
Emergency Medical Technician	(Health Services)		66	16	
EMT 105	EMT Basic Part I (5)	EMT Basic Part I	Levi Eckhardt	35	7
EMT 106	EMT Basic Part II (5)	EMT Basic Part II	Levi Eckhardt	10	2
EMT 120	Emergency Medical Service: First Responder (3)	Fire Fighter - Entry Level	Levi Eckhardt	21	7
Fire Protection Technology	(Natural Resource Systems)		89	34	
FP 101	Introduction to Fire Protection (3)	Introduction to Fire Protection	Levi Eckhardt	24	8
FP 123	Hazardous Materials Technician I (3)	Hazardous Materials Technician I	Levi Eckhardt	24	8
FP 133	Wildland Firefighter (3)	Wildland Firefighter	Levi Eckhardt	15	5
FP 280B	Cooperative Education: Fire (2) Science - Seminar	Cooperative Education: Fire Science - Seminar	Levi Eckhardt	26	13
Welding	(Industrial and Engineering)		4	1	
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals Fabrication	Tim Eggleston	4	1
WLD 271	Oxy-acetylene Welding Projects (3)	Welding	Tim Eggleston	0	0
Summary for Banks High School / Career & Technical Education			159	51	
Banks High School / University Transfer					
Biology	(None)		220	55	
BI 101	Biology (4)	Advanced AP Biology	Carol Pallett	68	17
BI 102	Biology (4)	Advanced AP Biology	Carol Pallett	76	19
BI 103	Biology (4)	Advanced AP Biology	Carol Pallett	76	19
English	(None)		168	42	
ENG 104	Introduction to Literature (Fiction) (4)	Honors English 12	Diane Coughlin	84	21
WR 121	English Composition (4)	Honors English 12	Diane Coughlin	84	21
Summary for Banks High School / University Transfer			388	97	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Beaverton High School / Career & Technical Education				
Architectural Design & Drafting	(Industrial and Engineering)		15	5
ARCH 111 Working Drawings 1 (3)	Drafting II	Paul Webb	15	5
Computer Applications Systems / Office Systems	(Business & Management)		481	134
CAS 121 Beginning Keyboarding (3)	Keyboarding	Stacey Armstrong	54	18
CAS 121 Beginning Keyboarding (3)	Keyboarding	Emily Ramberg	0	0
CAS 121 Beginning Keyboarding (3)	Keyboarding	Kathryn Robinson	111	37
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications I	Stacey Armstrong	0	0
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications I	Emily Ramberg	0	0
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications I	Kathryn Robinson	316	79
Computer Aided Design and Drafting	(Industrial and Engineering)		59	16
DRF 117 Drafting Fundamentals (4)	Drafting I	Paul Webb	44	11
DRF 126 Introduction to AutoCAD (3)	Drafting II	Paul Webb	15	5
Medical Professions	(Health Services)		230	115
BI 55 Human Biology (4)	Human Anatomy & Physiology	Matt Bayha	0	0
BI 55 Human Biology (4)	Human Anatomy & Physiology	Kathleen Newell	0	0
MP 109 Basic Medical Terminology (2)	Advanced Health Careers	Matt Bayha	0	0
MP 109 Basic Medical Terminology (2)	Advanced Health Careers	Andrea Ellis	0	0
MP 109 Basic Medical Terminology (2)	Health Careers	Paula Jacobs	96	48
MP 109 Basic Medical Terminology (2)	Advanced Health Careers	Kathleen Newell	0	0
MP 110 Basic Medical Terminology II (2)	Advanced Health Careers	Matt Bayha	46	23
MP 110 Basic Medical Terminology II (2)	Advanced Health Careers	Andrea Ellis	50	25
MP 110 Basic Medical Terminology II (2)	Health Careers	Paula Jacobs	0	0
MP 110 Basic Medical Terminology II (2)	Advanced Health Careers	Kathleen Newell	38	19
MP 111 Medical Terminology (4)	Advanced Health Careers	Matt Bayha	0	0
MP 111 Medical Terminology (4)	Advanced Health Careers	Andrea Ellis	0	0
MP 111 Medical Terminology (4)	Health Careers	Paula Jacobs	0	0
MP 111 Medical Terminology (4)	Advanced Health Careers	Kathleen Newell	0	0
Summary for Beaverton High School / Career & Technical Education			785	270
Beaverton High School / University Transfer				
Health	(Health Services)		192	48
HE 252 First Aid - Basics and Beyond (4)	Health Careers	Matt Bayha	0	0
HE 252 First Aid - Basics and Beyond (4)	Health Careers	Paula Jacobs	192	48
HE 252 First Aid - Basics and Beyond (4)	Health Careers	Kathleen Newell	0	0
Summary for Beaverton High School / University Transfer			192	48

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Benson High School / Career & Technical Education					
Automotive Service Technology		(Industrial and Engineering)		300	75
AM 101	Unit 1: Engine Repair I (4)	Automotive III	Brett Anderson	0	0
AM 102	Unit 2: Electrical Systems I (4)	Automotive IV	Brett Anderson	100	25
AM 103	Unit 3: Engine Performance I (4)	Automotive IV	Brett Anderson	100	25
AM 104	Unit 4: Steering and Suspension (4) Systems I (4)	Automotive III	Brett Anderson	0	0
AM 105	Unit 5: Brakes Systems I (4)	Automotive III	Brett Anderson	0	0
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive IV	Brett Anderson	100	25
Building Construction Technology		(Industrial and Engineering)		63	21
BCT 102	Residential Printreading (3)	Building Construction	Tony Franciscone	15	5
BCT 102	Residential Printreading (3)	Building Construction	Richard Weber	0	0
BCT 104	Construction Mathematics (3)	Building Construction	Tony Franciscone	6	2
BCT 104	Construction Mathematics (3)	Building Construction	Richard Weber	0	0
BCT 106	Hand Tool/Power Tool Use Safety (3)	Building Construction	Tony Franciscone	42	14
BCT 106	Hand Tool/Power Tool Use Safety (3)	Building Construction	Richard Weber	0	0
BCT 120	Floor Framing (3)	Building Construction	Tony Franciscone	0	0
BCT 120	Floor Framing (3)	Building Construction	Richard Weber	0	0
BCT 121	Wall Framing (3)	Building Construction	Tony Franciscone	0	0
BCT 121	Wall Framing (3)	Building Construction	Richard Weber	0	0
Computer Applications Systems / Office Systems		(Business & Management)		135	81
CAS 106	Introduction to X/HTML (1)	Introduction to X/HTML	Dave Thompson	27	27
CAS 109	Beginning PowerPoint (1)	Beginning PowerPoint	Dave Thompson	27	27
CAS 111D	Beginning Website: Dreamweaver (3)	Beginning Website Creation	Dave Thompson	81	27
Computer Aided Design & Drafting		(Industrial and Engineering)		0	0
DRF 126	Introduction to AutoCAD (3)	Engineering Drawing	Zeno Idzerda	0	0
DRF 133	Intermediate Drafting (4)	Engineering Drawing	Zeno Idzerda	0	0
DRF 135	Advanced Drafting (3)	Engineering Drawing	Zeno Idzerda	0	0
Electrical Trades		(Industrial and Engineering)		8	4
ELT 201	Electrical Motor Controls (2)	Electric IV	Tim Hryciw	8	4
Electronic Engineering Technology		(Industrial and Engineering)		40	10
EET 178	PC Architecture for Technician (4)	Micro Computer Technology IV	Zeno Idzerda	40	10

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Benson High School / Career & Technical Education				
Facilities Maintenance Technology	(Industrial and Engineering)		16	8
FMT 101	Refrigeration I (2)	Electric IV	Tim Hryciw	0
FMT 102	Refrigeration II (2)	Electric IV	Tim Hryciw	0
FMT 111	Refrigeration Electrical I (2)	Electric IV	Tim Hryciw	8
FMT 112	Refrigeration Electrical II (2)	Electric IV	Tim Hryciw	8
Machine Manufacturing Technology	(Industrial and Engineering)		335	138
MCH 100	Machine Tool Basics (1)	Manufacturing IV	Barth Clooten	11
MCH 105	Blueprint Reading I (1.5)	Manufacturing IV	Barth Clooten	16.5
MCH 110	Blueprint Reading II (1.5)	Manufacturing IV	Barth Clooten	16.5
MCH 120	Machine Shop Math (2)	Manufacturing IV	Barth Clooten	0
MCH 123	Sheet Metal Fabrication (4)	Manufacturing III	Barth Clooten	56
MCH 125	Speeds and Feeds (1)	Manufacturing IV	Barth Clooten	11
MCH 135	Basic Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	16.5
MCH 145	Layout Tools (1.5)	Manufacturing IV	Barth Clooten	16.5
MCH 150	Precision Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	16.5
MCH 160	Drilling Machines & Operations (2)	Manufacturing IV	Barth Clooten	22
MCH 180	Turning Machines and Operations (4)	Manufacturing IV	Barth Clooten	44
MCH 205	Vertical Milling Machine and Operations (3.5)	Manufacturing IV	Barth Clooten	38.5
MCH 272	Mastercam Level I (5)	Manufacturing III	Barth Clooten	70
Medical Professions	(Health Services)		44	11
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Markeeta Koch	0
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Kathy Lloyd	44
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Sally Niedermeyer	0
Welding	(Industrial and Engineering)		91	26
WLD 111	SMAW: Mild Steel (E7024) (4) & Oxy-acetylene Cutting	Manufacturing III	Barth Clooten	52
WLD 271	Oxy-acetylene Welding Projects (3)	Manufacturing III	Barth Clooten	39
Summary for Benson High School / Career & Technical Education			1,032	374

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Canby High School / Career & Technical Education				
Building Construction Technology	(Industrial and Engineering)		12	4
BCT 100	Overview of Construction (3)	Construction II	0	0
BCT 102	Residential Printreading (3)	Construction I	0	0
BCT 106	Hand Tool/Power Tool Use (3) & Safety	Construction I	3	1
BCT 121	Wall Framing (3)	Construction III	9	3
Summary for Canby High School / Career & Technical Education			12	4

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Central Catholic High School / Career & Technical Education					
Computer Applications Systems/Office Systems	(Business Management)		136	34	
CAS 133	Basic Computer Skills/MS Office (4)	Integrated Computer Applications/ MS Office	Nancy Peterson	136	34
Computer Information Systems	(Industrial and Engineering)		268	67	
CIS 133B	Introduction to Visual Basic.NET (4) Programming	Programming I	Jerry Kearns	268	67
Summary for Central Catholic High School / Career & Technical Education			404	101	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Century High School / Career & Technical Education				
Computer Applications Systems / Office Systems (Business & Management)			247	70
CAS 106	Introduction to X/HTML (1)	Web Design	Chris Winikka	11
CAS 133	Basic Computer Skill/MS Office (4)	Basic Business & Computer Applications	Raya Nichols	59
Early Childhood Education (Human Services)			30	11
ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I	Alia Laack	8
ECE 132	Early Childhood Field Work (2)	Child Services II	Alia Laack	3
Medical Professions (Health Services)			116	29
MP 111	Medical Terminology (4)	Health Services II	Rachelle Carnes	29
Summary for Century High School / Career & Technical Education			393	110

Century High School / University Transfer

Health (Health Services)			102	34
HE 250	Personal Health (3)	Anatomy & Physiology/Health Services I	Rachelle Carnes	17
HE 250	Personal Health (3)	Anatomy & Physiology/Health Services I	Kristin Grazer	17
Summary for Century High School / University Transfer			102	34

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)		High School Course Title	Instructor	Credits	Students
Clark County Skills Center / University Transfer					
Criminal Justice			(Human Services)	168	56
CJA 111	Introduction to Criminal Justice System - Police (3)	Criminal Justice I	Ron Epperson	63	21
CJA 111	Introduction to Criminal Justice System - Police (3)	Criminal Justice I	Wayne Svilar	42	14
CJA 112	Introduction to Criminal Justice System-Courts (3)	Criminal Justice II	Ron Epperson	63	21
Summary for Clark County Skills Center / University Transfer				168	56

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Cleveland High School / Career & Technical Education				
Computer Applications Systems / Office Systems (Business & Management)			35	21
CAS 109	Beginning PowerPoint (1)	Computer Applications I-II	7	7
CAS 216	Beginning Word (3)	Computer Applications I-II	21	7
CAS 216A	Beginning Word (1)	Computer Applications I-IV	7	7
Summary for Cleveland High School / Career & Technical Education			35	21

Cleveland High School / University Transfer

Math	(None)		484	106
MTH 251	Calculus I (4)	International Baccalaureate Math (SL)	184	46
MTH 252	Calculus II (5)	Advanced Placement Calculus (AB)	195	39
MTH 253	Calculus III (5)	International Baccalaureate Math (HL)	105	21
Summary for Cleveland High School / University Transfer			484	106

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Early College High School / University Transfer				
Career Guidance & College Success	(Human Services)		548	405
CG 100C	College Success & Survival (1)	College Success & Survival	79	79
CG 100C	College Success & Survival (1)	College Success & Survival	54	54
CG 100C	College Success & Survival (1)	College Success & Survival	96	96
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	0	0
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	33	33
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	0	0
CG 140B	Career & Life Planning (2)	Career & Life Planning	80	40
CG 140B	Career & Life Planning (2)	Career & Life Planning	206	103
Summary for Early College High School / University Transfer			548	405

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Forest Grove High School / Career & Technical Education				
Architectural Design & Drafting	(Industrial and Engineering)		0	0
ARCH 111 Working Drawings 1 (3)	Architectural Drafting I/II	Chuck Thurber	0	0
Automotive Service Technology	(Industrial and Engineering)		0	0
AM 101 Unit 1: Engine Repair I (4)	Auto Tech I	Tom Redwine	0	0
AM 102 Unit 2: Electrical Systems I (4)	Auto Tech II	Tom Redwine	0	0
AM 105 Unit 5: Brakes Systems I (4)	Auto Tech II	Tom Redwine	0	0
AM 108 Unit 8: Introduction to Automotive (4)	Auto Tech I	Tom Redwine	0	0
Building Construction Technology	(Industrial and Engineering)		213	64
BCT 102 Residential Printreading (3)	Architectural Drawing I & II	Chuck Thurber	0	0
BCT 104 Construction Mathematics (3)	Advanced Building Construction	Chris Higginbotham	0	0
BCT 106 Hand Tool/Power Tool Use Safety (3)	Advanced Building Construction	Chris Higginbotham	39	13
BCT 120 Floor Framing (3)	Advanced Building Construction	Chris Higginbotham	36	12
BCT 121 Wall Framing (3)	Advanced Building Construction	Chris Higginbotham	36	12
BCT 128 Exterior Finish (6)	Advanced Building Construction	Chris Higginbotham	72	12
BCT 216 Cabinetry I (2)	Woods II	Chuck Thurber	0	0
BCT 226 Finish Cabinetry (2)	Advanced Building Construction	Chris Higginbotham	30	15
Computer Applications Systems / Office Systems	(Business & Management)		107	65
CAS 109 Beginning PowerPoint (1)	Computer Applications	Theresa Broeren	22	22
CAS 111D Beginning Website: Dreamweaver (3)	Web Page Design	Theresa Broeren	63	21
CAS 133 Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Theresa Broeren	0	0
CAS 216A Beginning Word (1)	Computer Applications	Theresa Broeren	22	22
Computer Aided Design & Drafting	(Industrial and Engineering)		0	0
DRF 117 Drafting Fundamentals (4)	Drafting I & II	Chuck Thurber	0	0
DRF 133 Intermediate Drafting (4)	Drafting II & III	Chuck Thurber	0	0
Early Childhood Education	(Human Services)		60	24
ECE 120 Introduction to Early Education and Family Studies (3)	Childcare III	Lisa Weisenfluh	36	12
ECE 132 Early Childhood Field Work (2)	Childcare III	Lisa Weisenfluh	24	12
Landscape Technology	(Natural Resource Systems)		0	0
HOR 290 Introduction to Landscape Design (3)	Landscape Design & Nursery Prod.	Jami Duyck	0	0
HOR 290 Introduction to Landscape Design (3)	Landscape Design & Nursery Prod.	Charlie Vandehey	0	0
LAT 109 Plant Propagation (3)	Introduction to Horticulture	Jami Duyck	0	0
LAT 109 Plant Propagation (3)	Introduction to Horticulture	Charlie Vandehey	0	0

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Forest Grove High School / Career & Technical Education					
Medical Professions		(Health Services)		216	54
BI 55	Human Biology (4)	Anatomy and Physiology	Ron Romanick	104	26
MP 111	Medical Terminology (4)	Medical Terminology	Ron Romanick	112	28
Welding		(Industrial & Engineering)		40	10
WLD 111	SMAW: Mild Steel (E7024) (4) & Oxy-acetylene Cutting	Metals II	Jami Duyck	40	10
Summary for Forest Grove High School / Career & Technical Education				636	217

Forest Grove High School / University Transfer

Business Administration		(Business & Management)		63	21
BA 111	Introduction to Accounting (3)	Accounting I	Theresa Broeren	63	21
Crop Soil Science		(None)		0	0
CSS 200	Soils and Plant Nutrition (3)	Intro to Agriculture	Jami Duyck	0	0
CSS 200	Soils and Plant Nutrition (3)	Intro to Agriculture	Charlie Vandehey	0	0
Math		(None)		760	154
MTH 111C	College Algebra for Math, Science & Engineering (5)	Pre-Calculus	Pete Rusaw	130	26
MTH 111C	College Algebra for Math, Science & Engineering (5)	Pre-Calculus	Mike Wanner	205	41
MTH 112	Elementary Functions (5)	Pre-Calculus	Pete Rusaw	145	29
MTH 112	Elementary Functions (5)	Pre-Calculus	Mike Wanner	190	38
MTH 251	Calculus I (4)	Advanced Placement Calculus	Pete Rusaw	40	10
MTH 251	Calculus I (4)	Advanced Placement Calculus	Mike Wanner	0	0
MTH 252	Calculus II (5)	Advanced Placement Calculus	Pete Rusaw	50	10
MTH 252	Calculus II (5)	Advanced Placement Calculus	Mike Wanner	0	0
Summary for Forest Grove High School / University Transfer				823	175

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Franklin High School / Career & Technical Education					
Computer Applications Systems / Office Systems (Business & Management)			504	287	
CAS 109	Beginning PowerPoint (1)	Computer Applications I	Theresa Hawkins	100	100
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications II, Office Technology IV	Theresa Hawkins	276	69
CAS 216	Beginning Word (3)	Business Office Technology I-IV	Theresa Hawkins	15	5
CAS 216A	Beginning Word (1)	Computer Applications I	Theresa Hawkins	96	96
OS 131	10-key on Calculators (1)	Business Office Technology I-IV	Theresa Hawkins	17	17
Early Childhood Education (Human Services)			172	69	
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development 1-2	Janey Marthaller	102	34
ECE 132	Early Childhood Field Work (2)	Preschool Lab 3-8	Janey Marthaller	70	35
Machine Manufacturing Technology (Industrial and Engineering)			10	10	
MCH 100	Machine Tool Basics (1)	Metals Manufacturing Inter& Adv	Jerome Mannenbach	10	10
MCH 105	Blueprint Reading I (1.5)	Metals Manufacturing Inter& Adv	Jerome Mannenbach	0	0
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
Welding (Industrial and Engineering)			21	7	
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals Manufacturing Inter& Adv	Jerome Mannenbach	0	0
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
WLD 115	SMAW: Mild Steel IV (E6011) (3)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	21	7
Summary for Franklin High School / Career & Technical Education			707	373	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Franklin High School / University Transfer					
Business Administration	(Business & Management)		57	19	
BA 111	Introduction to Accounting (3)	Accounting I-II	Theresa Hawkins	57	19
Criminal Justice	(Human Services)		174	58	
CJA 100	Intro to Professions-Criminal Justice (3)	Criminal Justice Careers	Harold Hays	45	15
CJA 111	Criminal Justice Systems-Police (3)	Criminal Justice Careers	Harold Hays	45	15
CJA 112	Criminal Justice Systems-Courts (3)	Criminal Justice Careers	Harold Hays	42	14
CJA 113	Criminal Justice Systems-Corrections (3)	Criminal Justice Careers	Harold Hays	42	14
English	(None)		212	53	
ENG 104	Introduction to Literature (Fiction) (4)	Adventure Lit, World Lit and Film	Tim Hardin	212	53
Summary for Franklin High School / University Transfer			443	130	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Gaston JR/SR High School / Career & Technical Education					
Building Construction Technology	(Industrial & Engineering)		85	34	
BCT 106	Hand/Tool Power Tool Use (3) and Safety	Woods I	Wade Sims	51	17
BCT 216	Cabinetry I (2)	Woods II	Wade Sims	0	0
BCT 217	Cabinetry II (2)	Woods III	Wade Sims	14	7
BCT 218	Woodworking Projects (2)	Woods IV	Wade Sims	20	10
Early Childhood Education	(Human Services)		16	6	
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Sue Peavey	12	4
ECE 132	Early Childhood Field Work (2)	Advanced Child Development/Lab	Sue Peavey	4	2
Summary for Gaston JR/SR High School / Career & Technical Education			101	40	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated
Courses under Agreement (credits)	High School Course Title	Instructor	Credits Students
Gervais High School / Career & Technical Education			
Building Construction Technology	(Industrial and Engineering)		24 8
BCT 106 Hand Tool/Power Tool Use (3)	Construction	Russell Glenn	24 8
Summary for Gervais High School / Career & Technical Education			24 8

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Glencoe High School / Career & Technical Education				
Architectural Design & Drafting	(Industrial and Engineering)		66	22
ARCH 111 Working Drawings 1 (3)	Architecture II	Michael O'Connor	33	11
ARCH 126 Introduction to AutoCAD (3)	Architecture I	Michael O'Connor	33	11
Computer Applications Systems / Office Systems	(Business & Management)		272	112
CAS 109 Beginning PowerPoint (1)	Computer Applications	Rebecca Hufford	16	16
CAS 121 Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	240	80
CAS 133 Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Rebecca Hufford	0	0
CAS 216A Beginning Word (1)	Computer Applications	Rebecca Hufford	16	16
Computer Aided Design & Drafting	(Industrial and Engineering)		63	18
DRF 117 Drafting Fundamentals (4)	Drafting II	Michael O'Connor	36	9
DRF 126 Introduction to AutoCAD (3)	Drafting I	Michael O'Connor	27	9
Early Childhood Education	(Human Resources)		168	59
ECE 120 Introduction to Early Education and Family Studies (3)	Child's World	Shellie DeWhitt	150	50
ECE 132 Early Childhood Field Work (2)	Child Services II	Shellie DeWhitt	18	9
Machine Manufacturing Technology	(Industrial and Engineering)		489	238
MCH 100 Machine Tool Basics (1)	Machine/Welding II-First Year	Rob Brauer	29	29
MCH 105 Blueprint Reading I (1.5)	Machine/Welding II-Second Year	Rob Brauer	43.5	29
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	48	32
MCH 145 Layout Tools (1.5)	Machine/Welding II-First Year	Rob Brauer	43.5	29
MCH 150 Precision Measuring Tools (1.5)	Machine/Welding II-Second Year	Rob Brauer	43.5	29
MCH 160 Drilling Machines & Operations (2)	Machine/Welding II-First Year	Rob Brauer	64	32
MCH 180 Turning Machines and Operations (4)	Machine/Welding II-First Year	Rob Brauer	116	29
MCH 205 Vertical Milling Machine and Operations (3.5)	Machine/Welding II-Second Year	Rob Brauer	101.5	29
Management and Supervisory Development	(Business & Management)		54	18
MSD 101 Principles of Management and Supervision (3)	Management	Rebecca Hufford	54	18
Medical Professions	(Health Services)		132	33
MP 111 Medical Terminology (4)	Health Services I	Rita Jukkala	132	33

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Glencoe High School / Career & Technical Education					
Welding	(Industrial and Engineering)		78	26	
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	78	26
Summary for Glencoe High School / Career & Technical Education			1,322	526	

Glencoe High School / University Transfer

Business Administration	(Business & Management)		87	29	
BA 111	Introduction to Accounting (3)	Accounting I	Eric Walker	87	29
Reading	(None)		328	82	
RD 115	College Reading (4)	College Prep English	Linda Skaug	328	82
Summary for Glencoe High School / University Transfer			415	111	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Hillsboro High School / Career & Technical Education					
Architectural Design & Drafting		(Industrial and Engineering)		123	41
ARCH 101	Architectural Graphics 1 (3)	Architecture 1, 2	Don Domes	63	21
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	60	20
Automotive Service Technology		(Industrial and Engineering)		8	2
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive I	Glenn Campbell	8	2
Computer Aided Design & Drafting		(Industrial and Engineering)		162	46
DRF 117	Drafting Fundamentals (4)	Drafting 1	Don Domes	96	24
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	66	22
Early Childhood Education		(Human Services)		168	61
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Kelly Jett	138	46
ECE 132	Early Childhood Field Work (2)	Child Services I & II	Kelly Jett	30	15
Electronic Engineering Technology		(Industrial and Engineering)		0	0
EET 111	Electrical Circuit Analysis I (5)	Electronics 2, 3	Don Domes	0	0
Landscape Technology		(Natural Resource Systems)		20	6
LAT 106	Basic Horticulture (4)	Horticulture Technology I	John Stables	8	2
LAT 109	Plant Propagation (3)	Horticulture Technology II	John Stables	12	4
Microelectronics Technology		(Industrial and Engineering)		0	0
MT 101	Intro to Semiconductors Manufacturing (1)	Electronics Technology 1	Don Domes	0	0
MT 102	Intro to Semiconductors Development (1)	Electronics Technology 1	Don Domes	0	0
MT 103	Intro to Micro and Nano Process (1)	Electronics Technology 1	Don Domes	0	0
MT 111	Electronic Circuits & Devices I (4)	Electronics Technology 1, 2	Don Domes	0	0
MT 121	Digital Systems I (3)	Electronics Technology 3	Don Domes	0	0
Summary for Hillsboro High School / Career & Technical Education				481	156

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Hillsboro High School / University Transfer				
Art	(None)		92	46
ART 218	Lettering Calligraphy I (2)	Calligraphy I	92	46
ART 220	Advanced Lettering and Seminar (2)	Advanced Calligraphy	0	0
Crop Soil Science	(None)		12	4
CSS 200	Soils and Plant Nutrition (3)	Introduction to Horticulture	12	0
Summary for Hillsboro High School / University Transfer			104	50

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Horizon Christian High School / University Transfer				
Math		(None)	159	33
MTH 111C	College Algebra for Math, Science & Engineering (5)	Pre-Calculus	65	13
MTH 112	Elementary Functions (5)	Pre-Calculus	60	12
MTH 243	Statistics I (4)	Statistics	8	2
MTH 244	Statistics II (4)	Statistics	8	2
MTH 251	Calculus I (4)	Calculus	8	2
MTH 252	Calculus II (5)	Calculus	10	2
Summary for Horizon Christian High School / University Transfer			159	33

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Jefferson Campus / University Transfer				
Dance	(Arts & Communications)		44	26
D 209	Dance Performance (3)	Jefferson Dancers	27	9
D 252	Jazz Dance III (1)	Jazz Dance IV	9	9
D 292	Ballet III (1)	Ballet IV	8	8
Summary for Jefferson Campus / University Transfer			44	26

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Lake Oswego High School / Career & Technical Education					
Professional Music	(Industrial and Engineering)			148	74
MUC 154A Band Performance Workshop I (2)	Band Performance Workshop I	Dave Matthys	148	74	
Summary for Lake Oswego High School / Career & Technical Education			148	74	
 Lake Oswego High School / University Transfer					
General Science	(None)			60	15
GS 108 Phys Science (Oceanography) (4)	Oceanography	Jeff Goodrich	60	15	
History	(None)			280	72
HST 201 History of the United States I (4)	AP U.S. History	Laura Paxson	96	24	
HST 202 History of the United States II (4)	AP U.S. History	Laura Paxson	92	23	
HST 203 History of the United States III (4)	AP U.S. History	Laura Paxson	92	23	
Math	(None)			0	0
MTH 251 Calculus I (4)	AP Calculus AB	Peter Dodson	0	0	
MTH 252 Calculus II (5)	AP Calculus AB	Peter Dodson	0	0	
MTH 253 Calculus III (5)	AP Calculus BC	Peter Dodson	0	0	
Summary for Lake Oswego High School / University Transfer			340	87	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Lakeridge High School / University Transfer					
History	(None)		340	85	
HST 102	Western Civilization: Medieval (4) to Early Modern Europe	AP European History (First Semester)	Ryan Rosenau	176	44
HST 103	Western Civilization: Modern (4) Europe	AP European History (Second Semester)	Ryan Rosenau	164	41
Math	(None)		584	128	
MTH 251	Calculus I (4)	AP Calculus AB	Terry Moore	224	56
MTH 252	Calculus II (5)	AP Calculus AB	Terry Moore	285	57
MTH 253	Calculus III (5)	AP Calculus BC	Terry Moore	75	15
Music	(None)		40	40	
MUS 221	Chorus: Chamber Choir (1)	A Cappella Choir	William Campbell	40	40
Summary for Lakeridge High School / University Transfer			964	253	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)			Duplicated
Courses under Agreement (credits)			High School Course Title	Instructor	Credits	Students
Liberty High School / Career & Technical Education						
Computer Applications Systems/Office Systems			(Business & Management)		12	3
CAS 133	Basic Computer Skill/MS Office (4)	Basic Business & Computer Application	David Douglas	12	3	
Early Childhood Education			(Human Services)		141	53
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	105	35	
ECE 132	Early Childhood Field Work (2)	Child Services Focus Program	Jessica Ackerman	36	18	
Emergency Medical Technician			(Human Services)		57	19
EMT 120	Emergency Medical Service: First Responder (3)	Fire Science I	Rodney Linz	57	19	
Fire Protection Technology			(Human Services)		146	51
FP 101	Introduction to Fire Protection (3)	Fire Science I	Rodney Linz	60	20	
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Rodney Linz	21	7	
FP 133	Wildland Firefighter (3)	Fire Science I	Rodney Linz	51	17	
FP 280B	Cooperative Education: Seminar (2)	Fire Science I & II	Rodney Linz	14	7	
Summary for Liberty High School / Career & Technical Education					356	126
Liberty High School / University Transfer						
Health			(None)		48	16
HE 250	Personal Health (3)	Personal Health	David Herman	48	16	
History			(None)		296	74
HST 201	History of the U.S. I (4)	History of the United States I	Adam Mahlum	100	25	
HST 202	History of the U.S. II (4)	History of the United States II	Adam Mahlum	100	25	
HST 203	History of the U.S. III (4)	History of the United States III	Adam Mahlum	96	24	
Physics			(None)		152	38
PHY 101	Fundamentals of Physics I (4)	Conceptual Physics	Milton Scholl	88	22	
PHY 103	Fundamentals of Physics III (4)	Conceptual Physics	Milton Scholl	64	16	
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 / University Transfer					496	128

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Madison 'S' High School / University Transfer				
Spanish	(None)		336	84
SPA 101	First Year Spanish: First Term (4)	Spanish 1-2	196	49
SPA 102	First Year Spanish: Second Term (4)	Spanish 3-4	136	34
SPA 103	First Year Spanish: Third Term (4)	Spanish 5-6	4	1
Summary for Madison 'S' High School / University Transfer			336	84

2009-2010 Articulation Details by Discipline and Career Focus Area

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

Marshall Campus - BizTech / Career & Technical Education

Computer Applications Systems / Office Systems			(Business & Management)		217	98
CAS 109	Beginning PowerPoint (1)	Digital Media/Power Skills	Clara Cook	43	43	
CAS 121	Beginning Keyboarding (3)	Digital Media/Power Skills	Clara Cook	129	43	
CAS 121	Beginning Keyboarding (3)	Digital Media/Power Skills	Timothy Biamont	0	0	
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications	Clara Cook	36	9	
CAS 170	Beginning Excel (3)	Computerized Accounting & Spreadsheets	Timothy Biamont	9	3	
Summary for Marshall Campus - BizTech / Career & Technical Education				217	98	

Marshall Campus - BizTech / University Transfer

Biology			(None)		248	62
BI 101	Biology (4)	Biology	Amy Lindahl	116	29	
BI 102	Biology (4)	Biology	Amy Lindahl	132	33	
Business Administration			(Business & Management)		69	23
BA 111	Introduction to Accounting (3)	Accounting I-II	Clara Cook	69	23	
BA 111	Introduction to Accounting (3)	Accounting I-II	Timothy Biamont	0	0	
Summary for Marshall Campus - BizTech / University Transfer				317	85	

Marshall Campus - Renaissance Arts Academy / University Transfer

History			(None)		188	47
HST 201	History of the U.S. I (4)	US History/American Literature & Humanities	Colleen Loprinzi	76	19	
HST 202	History of the U.S. II (4)	US History/American Literature & Humanities	Colleen Loprinzi	56	14	
HST 203	History of the U.S. III (4)	US History/American Literature & Humanities	Colleen Loprinzi	56	14	
Summary for Marshall Campus - Renaissance Arts Academy / University Transfer				188	47	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
McMinnville High School / University Transfer				
Engineering	(Industrial & Engineering Systems)		70	43
ENGR 100 Exploring Engineering (1)	Survey of Engineering	Owen Griffiths	14	14
ENGR 100 Exploring Engineering (1)	Survey of Engineering	David Shultheis	20	20
ENGR 101 Engineering Fundamentals (4)	Introduction to Engineering	David Shultheis	36	9
English	(None)		120	30
ENG 104 Introduction to Literature (Fiction) (4)	Intro to Fiction	Kerrie Savage	120	30
Environmental Studies	(Natural Resource Systems)		40	10
ESR 171 Environmental Science: (4) Biology Perspective	AP Environmental Science	Laura Syring	40	10
Summary for McMinnville High School / University Transfer			230	83

2009-2010 Articulation Details by Discipline and Career Focus Area

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

Merlo Station High School / Career & Technical Education

Computer Applications Systems / Office Systems			(Business & Management)	
			90	78
CAS 103	Introduction to Windows (1)	Computer Applications I	22	22
CAS 104	Basic Internet Skills (1)	Computer Applications II	4	4
CAS 106	Introduction to X/HTML (1)	Web Design	0	0
CAS 109	Beginning PowerPoint (1)	Computer Applications II	4	4
CAS 121A	Beginning Keyboarding (1)	Computer Applications I	22	22
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications II	16	4
CAS 216A	Beginning Word (1)	Computer Applications I	22	22
Summary for Merlo Station High School / Career & Technical Education			90	78

Merlo Station High School / University Transfer

Career Guidance & College Success			(Human Services)	
			12	12
CG 100C	College Survival and Success (1)	College Survival and Success	12	12
CG 140C	Career and Life Planning (1)	Career and Life Planning	0	0
Summary for Merlo Station High School / University Transfer			12	12

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Molalla High School / Career & Technical Education					
Building Construction Technology	(Industrial & Engineering Systems)		0	0	
BCT 104	Construction Mathematics (3)	Construction I	Randy Spanfellner	0	0
BCT 106	Hand Tool/Power Tool Use (3) & Safety	Construction I	Randy Spanfellner	0	0
BCT 121	Wall Framing (3)	Construction II	Randy Spanfellner	0	0
Summary for Molalla High School / Career & Technical Education			0	0	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Mt. Scott Learning Center / Career & Technical Education				
Management and Supervisory Development	(Business & Management)		24	8
MSD 121 Leadership Skill Development	Leadership for Social Change	Sarah Kennedy	24	8
Summary for Mt. Scott Learning Center / Career & Technical Education			24	8

2009-2010 Articulation Details by Discipline and Career Focus Area

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

Newberg Campus - Blue School / Career & Technical Education

Computer Aided Design & Drafting		(Industrial and Engineering)		15	5
DRF 185	AutoCAD Inventor-Fundamentals (3)	AutoCAD Inventor	Terry Coss	15	5
Machine Manufacturing Technology		(Industrial and Engineering)		77.5	25
MCH 100	Machine Tool Basics (1)	Intro to Robotics	Terry Coss	4	4
MCH 105	Blueprint Reading I (1.5)	Intro to Robotics	Terry Coss	1.5	1
MCH 135	Basic Measuring Tools (1.5)	Intro to Robotics	Terry Coss	6	4
MCH 150	Precision Measuring Tools (1.5)	Intro to Robotics	Terry Coss	1.5	1
MCH 160	Drilling Machines & Operations (2)	Intro to Robotics	Terry Coss	8	4
MCH 175	Band Saws (1)	Engineering/Metals	Terry Coss	0	0
MCH 180	Turning Machines and Operations (4)	Engineering/Metals	Terry Coss	8	2
MCH 195	Threading on the Lathe (3)	Engineering/Metals	Terry Coss	3	1
MCH 205	Vertical Milling Machine and Operations (3.5)	Engineering/Metals	Terry Coss	3.5	1
MCH 210	Project Machine Technology IV (6)	Engineering/Metals	Terry Coss	42	7
Summary for Newberg Campus - Blue Campus / Career & Technical Education				92.5	30

Newberg Campus - Blue School / University Transfer

Math		(None)		410	82
MTH 111C	College Algebra for Math (5)	Pre-Calculus B	Sharon Walesby	210	42
MTH 112	Elementary Functions (5)	Pre-Calculus A	Sharon Walesby	200	40
MTH 251	Calculus I (4)	Calculus I	Sharon Walesby	0	0
MTH 252	Calculus II (5)	Calculus II	Sharon Walesby	0	0
Summary for Newberg Campus - Blue Campus / University Transfer				410	82

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students		
Newberg Campus - Green School / University Transfer						
English	(None)			88	22	
ENG 105	Introduction to Literature (Drama) (4)	Shakespeare	Drea Ferguson	88	22	
Math	(None)			526	113	
MTH 111C	College Algebra for Math (5)	Pre-Calculus B	Bruce Sinkbeil	90	18	
MTH 112	Elementary Functions (5)	Pre-Calculus A	Bruce Sinkbeil	105	21	
MTH 251	Calculus I (4)	Calculus I	Bruce Sinkbeil	156	39	
MTH 252	Calculus II (5)	Calculus II	Bruce Sinkbeil	175	35	
Summary for Newberg Campus - Green School / University Transfer				614	135	
Newberg Campus - Sliver School / Career & Technical Education						
Landscape Technology	(Industrial and Engineering)			268	81	
LAT 106	Basic Horticulture (4)	Intro to Horticultural Science	Peter Siderius	100	25	
LAT 109	Plant Propagation (3)	Greenhouse	Peter Siderius	168	56	
Welding	(Industrial and Engineering)			12	3	
WLD 111	SMAW: Mild Steel (E7024) (4) & Oxy-acetylene Cutting	Welding I	Dan Evonuk	12	3	
WLD 271	Oxy-acetylene Welding Projects (3)	Welding II	Dan Evonuk	0	0	
Summary for Newberg Campus - Silver Campus / Career & Technical Education				280	84	
Newberg Campus - Silver School / University Transfer						
English	(None)			808	202	
ENG 104	Introduction to Literature (Fiction) (4)	Advanced Senior English	Kristyn Westphal	228	57	
ENG 105	Introduction to Literature (Drama) (4)	Advanced Senior English	Kristyn Westphal	228	57	
ENG 213	Latin American Literature (4)	Literature of Mexico and the Caribbean	Kristyn Westphal	128	32	
WR 121	English Composition (4)	Advanced Senior English	Kristyn Westphal	224	56	
Summary for Newberg Campus - Silver Campus / University Transfer				808	202	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Open Meadow High School / Career & Technical Education				
Management and Supervisory Development	(Business & Management)		36	12
MSD 121 Leadership Skill Development (3)	Leadership for Social Change	Sarah Kennedy	36	12
Summary for Open Meadow High School / Career & Technical Education			36	12

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Oregon Islamic Academy / University Transfer				
Math	(None)		20	4
MTH 111C College Algebra for Math, (5) Science & Engineering	Algebra 2	Steve Johnson	20	4
Summary for Oregon Islamic Academy / University Transfer			20	4

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Computer Applications Systems / Office Systems (Business & Management)			0	0
CAS 103	Introduction to Windows (1)	Windows	0	0
CAS 109	Beginning PowerPoint (1)	PowerPoint	0	0
CAS 121	Beginning Keyboarding (3)	Beginning Keyboarding Skills	0	0
CAS 133	Basic Computer Skill/MS Office (4)	Basic Computer Skills	0	0
CAS 140	Beginning Access (3)	Access	0	0
CAS 170	Beginning Excel (3)	Computer Applications	0	0
CAS 216	Beginning Word (3)	Word Processing Software	0	0
OS 131	10-key on Calculators (1)	Calculator/10-Key Skills	0	0
Summary for PIVOT / Career & Technical Education			0	0

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Instructor	Duplicated Credits Students
Portland Public Schools - Education Options / University Transfer					
Career Guidance & College Success			(Human Services)		68 34
CG 100B	College Survival and Success (2)		College Survival and Success	Carla Gay	30 15
CG 100B	College Survival and Success (2)		College Survival and Success	Anne Marges	38 19
Summary for Portland Public Schools-Education Options / University Transfer					68 34

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Portland Public Schools- Pangaea Project / Career & Technical Education				
Management & Supervisory Development	(Business & Management)		33	11
MSD 121 Leadership Skill Development (3)	Leadership for Social Change	Ari Alberg	33	11
Summary for Portland Public Schools- Pangaea Project / Career & Technical Education			33	11

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Portland YouthBuilders / Career & Technical Education					
Building Construction Technology		(Industrial and Engineering)		114	38
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	72	24
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	3	1
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	39	13
Management and Supervisory Development		(Business & Management)		27	9
MSD 121	Leadership Skill Development (3)	Leadership for Social Change	Sarah Kennedy	27	9
Summary for Portland YouthBuilders / Career & Technical Education			141	47	

Portland YouthBuilders / University Transfer

Career Guidance & College Success		(Human Services)		126	86
CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	15	5
CG 100A	College Survival and Success (3)	College Survival and Success	Tom McKenna	0	0
CG 100C	College Survival and Success (1)	College Survival and Success	Sandra Ferguson	0	0
CG 100C	College Survival and Success (1)	College Survival and Success	Tom McKenna	66	66
CG 111A	Study Skills for College Learning (3)	Study Skills for College Learning	Sandra Ferguson	45	15
CG 111A	Study Skills for College Learning (3)	Study Skills for College Learning	Tom McKenna	0	0
Summary for Portland YouthBuilders / University Transfer			126	86	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Riverdale High School / University Transfer				
English	(None)		76	19
WR 121 English Composition (4)	English Composition	Holly Finnerty	76	19
Summary for Riverdale High School / University Transfer			76	19

2009-2010 Articulation Details by Discipline and Career Focus Area

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

Roosevelt Campus - P.O.W.E.R. Academy / Career & Technical Education

Medical Professions	(Health Services)			0	0
MP 111	Medical Terminology (4)	Medical Terminology	Nancy Fiorante	0	0
Summary for Roosevelt Campus - P.O.W.E.R. Academy / Career & Technical Education				0	0

Roosevelt Campus - S.E.I.S High School / University Transfer

Criminal Justice	(Human Services)			0	0
CJA 100	Introduction to Professions in Criminal Justice (3)	Introduction to Judicial Systems	Harry Auerbach	0	0
CJA 112	Introduction to Criminal Justice System-Courts (3)	Introduction to Judicial Systems	Harry Auerbach	0	0
Summary for Roosevelt Campus - S.E.I.S High School / University Transfer				0	0

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students	
Rosemary Anderson High School / University Transfer					
English	(None)		12	3	
WR 121	English Composition (4)	Senior Honors Writing	Allison deFreese	12	3
Summary for Rosemary Anderson High School / University Transfer			12	3	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Sabin - Schellenberg Center / Career & Technical Education				
Architectural Design & Drafting	(Industrial and Engineering)		120	40
ARCH 101 Architectural Graphics 1 (3)	CAD Level II: Computer Aided Drafting & Design	Nancy Merchant	33	11
ARCH 111 Working Drawings 1 (3)	CAD Level II: Computer Aided Drafting & Design	Nancy Merchant	33	11
ARCH 126 Introduction to AutoCAD (3)	CAD Level I: Computer Aided Drafting & Design	Nancy Merchant	54	18
Computer Aided Design & Drafting	(Industrial and Engineering)		36	12
DRF 126 Introduction to AutoCAD (3)	CAD Level I: Computer Aided Drafting & Design	Nancy Merchant	36	12
Fire Protection Technology	(Natural Resource Systems)		75	25
FP 101 Introduction to Fire Protection (3)	Fire Science I	Dennis Katz	51	17
FP 133 Wildland Firefighter (3)	Fire Science II	Dennis Katz	24	8
FP 280B Cooperative Education: Fire Science - Seminar (2)	Fire Science II	Dennis Katz	0	0
Interior Design	(Arts & Communications)		60	20
ID 131 Introduction to Interiors (3)	Interior Design Level II	Tami Katz	60	20
Summary for Sabin - Schellenberg Center / Career & Technical Education			291	97

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Sherwood High School / Career & Technical Education				
Architectural Design & Drafting	(Industrial and Engineering)		63	21
ARCH 111 Working Drawings 1 (3)	Architecture 2	John Niebergall	0	0
ARCH 140 Intro to Chief Architecture (3)	Architecture 1	John Niebergall	63	21
Building Construction Technology	(Industrial and Engineering)		9	3
BCT 106 Hand Tool/Power Tool Use (3) & Safety	Woods II, Basic Construction	Jon Dickover	9	3
Computer Applications Systems/Office Systems	(Business and Management)		0	0
CAS 216A Beginning Word (1)	Architecture 2	John Niebergall	0	0
Computer Aided Design & Drafting	(Industrial and Engineering)		305	87
DRF 117 Drafting Fundamentals (4)	Engineering 2	John Niebergall	176	44
DRF 270 Solid Works Fundamentals (3)	Engineering 2	John Niebergall	129	43
Machine Manufacturing Technology	(Industrial and Engineering)		60	12
MCH 229 Rapid Prototyping (5)	Engineering 4	John Niebergall	60	12
Medical Professions	(Health Services)		0	0
MP 109 Basic Medical Terminology (2)	Health Occupations A & B	Kari Turner	0	0
MP 110 Basic Medical Terminology 2 (2)	Health Occupations A & B	Kari Turner	0	0
MP 111 Medical Terminology (4)	Health Occupations A & B	Kari Turner	0	0
Summary for Sherwood High School / Career & Technical Education			437	123

Sherwood High School / University Transfer

Biology	(None)		240	60
BI 121 Essentials of Human Anatomy and Physiology I (4)	Introduction of Human Anatomy and Physiology	Lance Thurman	112	28
BI 122 Introduction to Human Anatomy & Physiology II (4)	Human Anatomy & Physiology	Lance Thurman	128	32

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Sherwood High School / University Transfer				
Math	(None)		727	152
MTH 112	Elementary Functions (5)	Trigonometry and Pre-Calculus	145	29
MTH 112	Elementary Functions (5)	Trigonometry and Pre-Calculus	305	61
MTH 251	Calculus I (4)	AP Calculus	0	0
MTH 251	Calculus I (4)	AP Calculus	132	33
MTH 252	Calculus II (5)	AP Calculus	0	0
MTH 252	Calculus II (5)	AP Calculus	145	29
Summary for Sherwood High School / University Transfer			967	212

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
South Albany High School / Career & Technical Education				
Building Construction Technology	(Industrial and Engineering)		22	11
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Introduction to Woodworking	0	0
BCT 216	Cabinetry I (2)	Cabinetmaking I	8	4
BCT 217	Cabinetry II (2)	Cabinetmaking II	14	7
Summary for South Albany High School / Career & Technical Education			22	11

2009-2010 Articulation Details by Discipline and Career Focus Area

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

Southridge High School / University Transfer

**Note: PCC's ASL courses had a 3 to 4 credit conversion effective spring term. The courses below have been broken out to reflect the enrollment and credits awarded.*

Winter Term

American Sign Language		(Human Services)		90	30
ASL 101	First Year American Sign Language I	First Year American Sign Language I	Tom Wills	54	18
ASL 102	First Year American Sign Language II	First Year American Sign Language II	Tom Wills	36	12
Summary for Winter Term at Southridge High School / University Transfer				90	30

Spring Term

American Sign Language		(Human Services)		184	46
ASL 101	First Year American Sign Language I	First Year American Sign Language I	Tom Wills	96	24
ASL 102	First Year American Sign Language II	First Year American Sign Language II	Tom Wills	60	15
ASL 103	First Year American Sign Language III	First Year American Sign Language III	Tom Wills	28	7
Summary for Spring Term at Southridge High School / University Transfer				184	46

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Sprague High School / Career & Technical Education				
Building Construction Technology	(Industrial and Engineering)		21	7
BCT 102 Residential Printreading (3)	Construction Print Reading	Mike Bishop	21	7
Summary for Sprague High School / Career & Technical Education			21	7

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
St. Helens High School / Career & Technical Education				
Architectural Design & Drafting	(Industrial and Engineering)		6	2
ARCH 111 Working Drawings 1 (3)	Advanced Technical Drawing	John Tainter	3	1
ARCH 140 Introduction to Chief Architect (3)	Advanced Technical Drawing	John Tainter	3	1
Automotive Service Technology	(Industrial and Engineering)		256	64
AM 101 Unit 1: Engine Repair I (4)	Automotive Technology I	Mike Herdrich	136	34
AM 102 Unit 2: Electrical Systems I (4)	Automotive Technology II-IV	Mike Herdrich	48	12
AM 103 Unit 3: Engine Performance I (4)	Automotive Technology II-IV	Mike Herdrich	8	2
AM 104 Unit 4: Steering and Suspension (4)	Automotive Technology II-IV	Mike Herdrich	0	0
AM 105 Unit 5: Brakes Systems I (4)	Automotive Technology II-IV	Mike Herdrich	8	2
AM 108 Unit 8: Introduction to Automotive	Automotive Technology II-IV	Mike Herdrich	56	14
Computer Applications Systems / Office Systems	(Business & Management)		61	23
CAS 121 Beginning Keyboarding (3)	Word Processing I	LeaAnne Bradford	27	9
CAS 133 Basic Computer Skill/MS Office (4)	Business Tech II	LeaAnne Bradford	16	4
CAS 170 Beginning Excel (3)	Spreadsheets	LeaAnne Bradford	9	3
CAS 216 Beginning Word (3)	Word Processing II	LeaAnne Bradford	3	1
CAS 216A Beginning Word (1)	Business Tech I	LeaAnne Bradford	6	6
OS 131 10-key on Calculators (1)	Business Tech II	LeaAnne Bradford	0	0
Computer Aided Design & Drafting	(Industrial and Engineering)		4	1
DRF 117 Drafting Fundamentals (4)	Technical Drawing I & II	John Tainter	4	1
DRF 270 SolidWorks Fundamentals (3)	SolidWorks Fundamentals	John Tainter	0	0
Early Childhood Education	(Human Services)		148	51
ECE 120 Introduction to Early Education and Family Studies (3)	Child Development	Martine Von Ins	138	46
ECE 132 Early Childhood Field Work (2)	Childhood Seminar	Martine Von Ins	10	5
Machine Manufacturing Technology	(Industrial and Engineering)		899.5	532
MCH 100 Machine Tool Basics (1)	Metals I-First Semester	Rory Lewno	53	53
MCH 105 Blueprint Reading I (1.5)	Metals I-First Semester	Rory Lewno	79.5	53
MCH 110 Blueprint Reading II (1.5)	Advanced Metals-Second Semester	Rory Lewno	0	0
MCH 120 Machine Shop Math (2)	Advanced Metals-Second Semester	Rory Lewno	42	21
MCH 125 Speeds and Feeds (1)	Advanced Metals-Second Semester	Rory Lewno	21	21
MCH 135 Basic Measuring Tools (1.5)	Metals I-First Semester	Rory Lewno	79.5	53
MCH 145 Layout Tools (1.5)	Metals I-Second Semester	Rory Lewno	58.5	39
MCH 150 Precision Measuring Tools (1.5)	Metals I & Advanced Metals-Second Semester	Rory Lewno	133.5	89
MCH 157 Project Machine Tech I (1.5)	Metals I & Advanced Metals-Second Semester	Rory Lewno	58.5	39

2009-2010 Articulation Details by Discipline and Career Focus Area

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

St. Helens High School / Career & Technical Education

Machine Manufacturing Technology (continued)

MCH 158	Project Machine Tech II (3)	Advanced Metals-Second Semester	Rory Lewno	63	21
MCH 160	Drilling Machines & Operations (2)	Metals I-First Semester	Rory Lewno	102	51
MCH 175	Band Saws (1)	Metals I-First Semester	Rory Lewno	53	53
MCH 180	Turning Machines and Operations (4)	Metals I-Second Semester	Rory Lewno	156	39
MCH 195	Threading on the Lathe (3)	Metals I & Advanced Metals-Second Semester	Rory Lewno	0	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Metals I & Advanced Metals-Second Semester	Rory Lewno	0	0

Welding	(Industrial and Engineering)	1,105	300
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WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals I-First Semester	Rory Lewno	212	53
WLD 112	SMAW: Mild Steel I (E7018) (4)	Metals I-First Semester	Rory Lewno	204	51
WLD 113	SMAW: Mild Steel II (E7018) (4)	Advanced Metals-First Semester	Rory Lewno	152	38
WLD 114	SMAW: Mild Steel III (E6011) (3)	Advanced Metals-First Semester	Rory Lewno	114	38
WLD 115	SMAW: Mild Steel IV (E6011) (3)	Advanced Metals-First Semester	Rory Lewno	114	38
WLD 131	Gas Metal Arc Welding (3)	Metals I & Advanced Metals-Second Semester	Rory Lewno	66	22
WLD 141	Flux-Cored Arc Welding I (3)	Metals I-Second Semester	Rory Lewno	117	39
WLD 261	Basic Fabrication I (6)	Advanced Metals-Second Semester	Rory Lewno	126	21
WLD 271	Oxy-acetylene Welding Projects (3)	Metals I-Second Semester	Rory Lewno	0	0

Summary for St. Helens High School / Career & Technical Education	2,479.5	973
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St. Helens High School / University Transfer

Business Administration	(Business & Management)	0	0
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BA 111	Introduction to Accounting (3)	Accounting	LeaAnne Bradford	0	0
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Summary for St. Helens High School / University Transfer	0	0
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2009-2010 Articulation Details by Discipline and Career Focus Area

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

Sunset High School / Career & Technical Education

Computer Information Systems		(Industrial and Engineering)		48	12
CIS 133J	Java Programming I (4)	Java Programming	Jason Galbraith	48	12
Summary for Sunset High School / Career & Technical Education				48	12

Sunset High School / University Transfer

Career Guidance & College Success		(Human Services)		10	10
CG 100C	College Survival and Success (1)	College Survival and Success	James Lekas	10	10
Summary for Sunset High School / University Transfer				10	10

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated		
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students		
Tigard High School / Career & Technical Education						
Automotive Service Technology	(Industrial and Engineering)			4	1	
AM 101	Unit 1: Engine Repair I (4)	Auto Tech I	Jay Butz	0	0	
AM 103	Unit 3: Engine Performance I (4)	Auto Engine Performance	Jay Butz	0	0	
AM 104	Unit 4: Steering and Suspension Systems I (4)	Auto Tech II	Jay Butz	0	0	
AM 105	Unit 5: Brakes Systems I (4)	Auto Tech II	Jay Butz	0	0	
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Auto Tech I	Jay Butz	4	1	
Early Childhood Education	(Human Services)			145	58	
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development I & II	Kara Alexander	87	29	
ECE 132	Early Childhood Field Work (2)	Child Development I & II	Kara Alexander	58	29	
Summary for Tigard High School / Career & Technical Education				149	59	
Tigard High School / University Transfer						
Art	(Arts & Communications)			0	0	
ART 131	Introduction to Drawing (3)	IB Art I & JB Art II	Cameron Stuart	0	0	
Biology	(None)			572	143	
BI 101	Biology (4)	IB Bio I	Karen Harris	252	63	
BI 102	Biology (4)	IB Bio II	Karen Harris	160	40	
BI 103	Biology (4)	IB Bio II	Karen Harris	160	40	
History	(None)			1,616	404	
HST 201	History of the United States I (4)	Advanced US History	Murray Carlisle	172	43	
HST 201	History of the United States I (4)	Advanced US History	Dave Unis	356	89	
HST 202	History of the United States II (4)	Advanced US History	Murray Carlisle	180	45	
HST 202	History of the United States II (4)	Advanced US History	Dave Unis	364	91	
HST 203	History of the United States III (4)	Advanced US History	Murray Carlisle	180	45	
HST 203	History of the United States III (4)	Advanced US History	Dave Unis	364	91	
Psychology	(None)			316	79	
PSY 201	Introduction to Psychology Part I (4)	IB Psychology	Frank Caro	316	79	
Summary for Tigard High School / University Transfer				2,504	626	

2009-2010 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Instructor	Credits	Students
Tualatin High School / Career & Technical Education				
Early Childhood Education	(Human Services)		160	64
ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I & II	Sarah Lind	96 32
ECE 132	Early Childhood Field Work (2)	Child Services I & II	Sarah Lind	64 32
Summary for Tualatin High School / Career & Technical Education			160	64

2009-2010 Articulation Details by Discipline and Career Focus Area

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

Vernonia High School / Career & Technical Education

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

2009-2010 Articulation Details by Discipline and Career Focus Area

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

Westview High School / Career & Technical Education

Early Childhood Education			(Human Services)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development II	Claire Floyd	45	15
ECE 132	Early Childhood Field Work (2)	Child Development III	Claire Floyd	2	1
Medical Terminology			(Health Services)		
MP 109	Basic Medical Terminology (2)	Health Careers	Paula Jacobs	118	59
MP 110	Basic Medical Terminology 2 (2)	Health Careers	Paula Jacobs	0	0
MP 111	Medical Terminology (4)	Health Careers	Paula Jacobs	0	0
Summary for Westview High School / Career & Technical Education				165	75

Westview High School / University Transfer

Health			(Health Services)		
HE 252	First Aid-Basics and Beyond	Health Careers	Paula Jacobs	248	62
Summary for Westview High School / University Transfer				248	62

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