

PCC Dual Credit

Earn College Credit While in High School

2010–2011 Annual Report

DID YOU KNOW?

In 2010-11, PCC Dual Credit involved,
19 school districts,
48 high schools,
167 articulating instructors,
228 articulation agreements,
and 44 PCC programs.





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PCC DUAL CREDIT-WHAT IS IT?

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

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

Students can earn PCC credit in:

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

During 2010-11, there were 617 “articulated” Portland Community College courses taught at area high schools by approximately 167 approved high school instructors. These articulated courses will provide 4,042 students the opportunity to transition smoothly to the next level of college courses following their high school graduation.

Benefits to Students:

- Increased enthusiasm and motivation among students
- Enhances ability and skills to do college level work and aids students in gaining confidence for college success
- Courses are taught by high school 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

Benefits to High Schools & PCC:

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

INSTRUCTOR QUALIFICATIONS

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

For Career & Technical Education (CTE) Instructors:

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

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

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

For University Transfer Instructors:

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

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

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

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

COURSE APPROVAL

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

- Course information: title, course number, course description, prerequisite (if any)
- Course contact hours (yearlong, semester, trimester, total hours)
- 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, edition, publisher, etc.
- Course Outcomes: Refer to the Course Content and Outcome Guide's (CCOG's) at www.pcc.edu/ccog. State what you want your students to learn in the course. The objectives should be measurable. Your 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.

Submit your resume, transcripts, course syllabus and schedule of learning activities to Karen Jones, PCC Dual Credit Coordinator by fax at 971-722-7805, email kjones@pcc.edu, or mail to:

Karen Jones
PCC Dual Credit Program
17705 NW Springville Road, Bldg 5/116c
Portland, Oregon 97229

ARTICULATION AGREEMENTS

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

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

OREGON DUAL CREDIT STANDARDS

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

Portland Community College submitted their application for approval August 2011.

Steps to Program Approval

PHASE 1:

- August 2011 – PCC Program Application Submission
- August 2011 – Review and Recommendation by Oregon Dual Credit Oversight Committee
- September 2011 – Recommendations to be carried forward to the Unified Education Enterprise
- October 2011 – Recommendations to be carried forward to the Joint Boards of Education for final approval.
- Any programs not approved by July of 2013 will not offer dual credit in Oregon.

PHASE 2:

- Program Renewal. Specifics are yet to be determined. It is likely that programs will be required to renew by 2016.

Glossary of Terms:

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

Career & Technical Education (CTE): A program of study at the secondary and postsecondary levels that is a key component of Oregon’s education and workforce development system. CTE integrates technical career skill proficiencies with academic content and prepares students for the workplace, further education, training and family and community roles. At the postsecondary level, CTE helps students complete, Associate of Applied Science (AAS) degree and certificate of completion programs, preparing them for workplace entry and career success.

Lower Division Collegiate (LDC) Courses: Collegiate level work in areas of instruction that parallel the offerings of the first two years of Oregon’s four-year institutions, and are generally accepted for transfer by Oregon’s public higher education institutions. (OAR 581-006-0050(29)).

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

Curriculum 1 (C1)	College or university courses administered through a dual credit program are catalogued courses and approved through the regular course approval process of the sponsoring college or university. These courses have the same departmental designation, number, title, and credits as their college counterparts, and they adhere to the same course descriptions.
Curriculum 2 (C2)	College or university courses administered through a dual credit program are recorded on the official academic record for students at the sponsoring college or university.
Curriculum 3 (C3)	College or university courses administered through dual credit programs reflect the pedagogical, theoretical and philosophical orientation of the colleges' and universities' sponsoring academic departments.
Faculty 1 (F1)	Instructors teaching college or university courses through dual credit meet the academic requirements for faculty and instructors teaching in post-secondary institutions as stipulated by the respective academic departments.
Faculty 2 (F2)	The post secondary institution provides high school instructors with training and orientation in course curriculum, assessment criteria, course philosophy, and dual credit administrative requirements before certifying the instructors to teach the college/university courses.
Faculty (F3)	Instructors teaching dual credit sections are part of a continuing collegial interaction, through professional development, seminars, site visits, and ongoing communication with the post-secondary institutions' faculty and dual credit administration. This interaction addresses issues such as course content, course delivery, assessment, evaluation, and professional development in the field of study.
Students 1 (S1)	High school students enrolled in courses administered through dual credit programs are officially registered or admitted as degree-seeking, non-degree or non-matriculated students of the sponsoring post-secondary institution.
Students 2 (S2)	Post-secondary institutions outline course requirements and prerequisites.
Students 3 (S3)	High school students are provided with a student guide that outlines their responsibilities as well as guidelines for the transfer of credit.
Assessment 1 (A1)	Dual credit students are held to the same standards of achievement as those expected of students in on-campus sections.
Assessment 2 (A2)	Every section of a course offered through dual credit is regularly reviewed by faculty from that discipline and dual credit staff to assure that grading standards meet or exceed those in on-campus sections.
Assessment 3 (A3)	Dual credit students are assessed using similar methods (e.g. papers, portfolios, quizzes, labs, etc.) as their on-campus counterparts.

ARTICULATION CONNECTIONS MEETINGS

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

"I love these meetings. They keep me connected and aware of what others are doing. They are part of what keeps me sane year to year. I am the only one in my building who does what I do, and this is where I feel I connected and understood and can enjoy sharing and communicating about my subject. I feel I would be missing a lot of crucial program information if not for these meetings."

During the 2010-11 school year, 18 different Connections meetings were held, covering 23 different program areas with 190 total participants. The meetings were focused on the new Oregon Dual Credit Standards, course content, course delivery, assessment, evaluation, and professional development in the field of study.

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

SUMMER WORKSHOPS

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

"Thank you to the PCC Dual Credit program and PCC instructors for sharing their expertise in many facets of the welding industry. I am grateful for your time and support. The chance to reconnect with PCC and other Dual Credit instructors is rewarding for me, and I will ensure it benefits my students."

Workshops were held for Automotive Maintenance Technology, Architecture and Drafting, Building Construction Technology, Machine Manufacturing, and Welding.

The feedback from instructors was powerfully positive. The PCC Dual Credit program will be looking for ways to expand professional development opportunities like these to more program areas throughout the 2011-12 school year.

TUITION REIMBURSEMENT

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

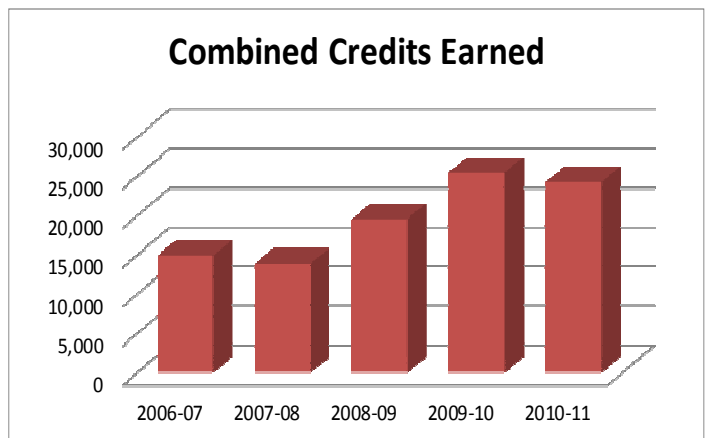
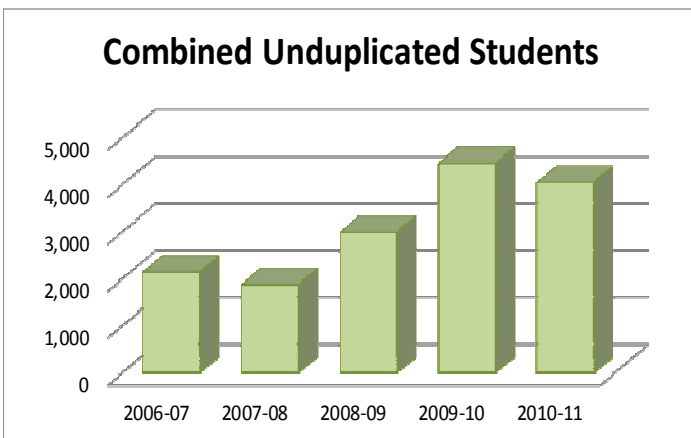
THE LAST FIVE YEARS

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

Currently there are 48 high schools articulating PCC Dual Credit. In 2010-11, the PCC Dual Credit program registered 4,042 students who earned 24,260 PCC credits.

As a student of the PCC Dual Credit program, students were not charged tuition or fees. This was a savings to students (and their parents) of \$1,843,760 in PCC tuition and generated approximately 756 FTE.

SCHOOL YEAR	NUMBER OF INSTRUCTORS	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
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
2010-2011	167	4,042	24,260	FREE	\$1,843,760



*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).

HIGHLIGHTS FOR 2010-11

The PCC Dual Credit program successfully piloted a new two-step online registration process for the 2010-11 school year. The new registration process had all interested students first apply to PCC by completing the online Admissions form. Once their application was approved, students then logged into their MyPCC portal accounts to register for their Dual Credit courses.

14 NEW HIGH SCHOOL INSTRUCTORS APPROVED

NAME	HIGH SCHOOL	PCC COURSE(S)
Jay Harman	Canby	ARCH 101, DRF 126, 270
Tim Morley	Century	MCH 290, 291, 292
David Nemeyer	Forest Grove	FP 101
Kristin Bacon	Jefferson	D 192A, 192B, 292
Shawn Keinonen	McMinnville	BCT 104, 106
David Wood	PPS-Education Options	CG 100B
Kelley Marchant	Rex Putnam	TA 141
Rick Baggett	Sabin-Schellenberg Center	BCT 106
Elizabeth Barrett	Sherwood	CAS 170A, 216A
Brian Trostel	Sherwood	ATH 102
Emily Keys	Sunset	CG 100C
Brian Gerber	Westview	ENGR 100
Elizabeth Neely	Westview	ENG 254, WR 122
Judy Morris-Green	Wilsonville	DRF 117, 126

20 ARTICULATING INSTRUCTORS ADDED NEW COURSES

NAME	HIGH SCHOOL	PCC COURSE(S)
John Billups	Alliance at Meek ProTech	AM 111, 161
Louise Drow	Aloha & BSD Options	AM 100, 151, 161
Stacey Armstrong	Beaverton	CAS 109, 170A, 216A
Emily Ramberg	Beaverton	CAS 109, 170A, 216A
Kathryn Robinson	Beaverton	CAS 109, 170A, 216A
Brett Anderson	Benson	AM 100, 111, 161
Tom Redwine	Forest Grove	AM 100, 161
Chuck Thurber	Forest Grove	BCT 106

20 ARTICULATING INSTRUCTORS ADDED NEW COURSES CONTINUED...

NAME	HIGH SCHOOL	PCC COURSE(S)
Jerome Mannenbach	Franklin	BCT 106
Rob Brauer	Glencoe	WLD 216, 262, 271
Glenn Campbell	Hillsboro	AM 100
Don Domes	Hillsboro	DRF 270
Markeeta Koch	Madison	MP 111
Allison deFreese	Rosemary Anderson	ENG 106, RD 116
John Niebergall	Sherwood	MCH 290, 291, 292, 294
Greg Ptaszynski	Sherwood	MTH 111C, MTH 253
Teresa Swake	Sherwood	MTH 111C, MTH 253
Mike Herdrich	St. Helens	AM 100, 111, 151, 161
Jay Butz	Tigard	AM 100, 11
Frank Caro	Tigard	PSY 202

TOP 5 ARTICULATING HIGH SCHOOLS

CREDITS EARNED			UNDUPLICATED STUDENTS		
1.	Tigard	2,789	1.	Forest Grove	306
2.	Sherwood	2,318	2.	Sherwood	283
3.	Forest Grove	1,974	3.	Tigard	269
4.	Newberg Campus	1,678	4.	Aloha	242
5.	Glencoe	1,194	5.	Early College	234

TOP 5 ARTICULATING INSTRUCTORS

	NAME	HIGH SCHOOL	CREDITS	SUBJECT
1.	Teresa Swake	Sherwood	951	Math
2.	Dave Unis	Tigard	948	History
3.	Murray Carlisle	Tigard	660	History
4.	Kristyn Westphal	Newberg Campus	648	English
5.	Kari Freeman	Cleveland	621	Math

SAVINGS AND DIRECT COSTS TO STUDENTS

SCHOOL	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Alliance at Meek ProTech	7	41	FREE	\$3,116
ACMA	16	105	FREE	\$7,980
Aloha	242	963	FREE	\$73,188
Banks	34	423	FREE	\$32,148
Beaverton	165	763	FREE	\$57,988
BSD Options Program	189	1,034	FREE	\$78,584
Benson	89	1,077	FREE	\$81,852
Canby	50	153	FREE	\$11,628
Central Catholic	107	428	FREE	\$32,528
Century	116	436	FREE	\$33,136
Clark County Skills Center	53	159	FREE	\$12,084
Cleveland	92	676	FREE	\$51,376
Early College	234	748	FREE	\$56,848
Forest Grove	306	1,974	FREE	\$150,024
Franklin	214	1,043	FREE	\$79,268
Gaston	38	149	FREE	\$11,324
Glencoe	233	1,194	FREE	\$90,744
Hillsboro	101	310	FREE	\$23,560
Horizon Christian	23	199	FREE	\$15,124
Jefferson	2	8	FREE	\$608
Lake Oswego	62	337	FREE	\$25,612
Lakeridge	98	781	FREE	\$59,356
Liberty	143	1,085	FREE	\$82,460
Madison	103	412	FREE	\$31,312
Marshall Campus	88	603	FREE	\$45,828
McMinnville	45	180	FREE	\$13,680

SCHOOL	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Merlo Station	19	76	FREE	\$5,776
Mount Scott	7	21	FREE	\$1,596
Newberg Campus	169	1,678	FREE	\$127,528
Open Meadow	6	18	FREE	\$1,368
PPS-Education Options	11	22	FREE	\$1,672
Portland YouthBuilders	48	126	FREE	\$9,576
Rex Putnam	23	92	FREE	\$6,992
Riverdale	5	20	FREE	\$1,520
Roosevelt Campus	0	0	FREE	\$0
Rosemary Anderson	18	104	FREE	\$7,904
Sabin-Schellenberg	65	265	FREE	\$20,140
Sherwood	283	2,318	FREE	\$176,168
South Albany	0	0	FREE	\$0
Southridge	57	236	FREE	\$17,936
Sprague	4	12	FREE	\$912
St. Helens	88	735	FREE	\$55,860
Sunset	19	34	FREE	\$2,584
Tigard	269	2,789	FREE	\$211,964
Tualatin	38	190	FREE	\$14,440
Vernonia	0	0	FREE	\$0
Westview	48	199	FREE	\$15,124
Wilsonville	15	45	FREE	\$3,420
Totals	4,042	24,260	FREE	\$1,843,760

*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).

CAREER & TECHNICAL EDUCATION

There were 2,330 Career & Technical Education (CTE) high school students who earned PCC Dual Credit during the 2010-11 school year, giving them a jump start on their post-secondary education. These students earned 10,252 PCC in CTE credits.

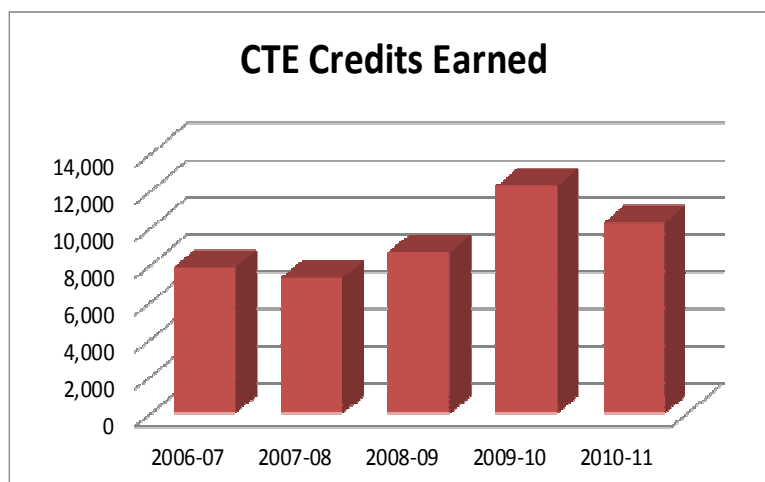
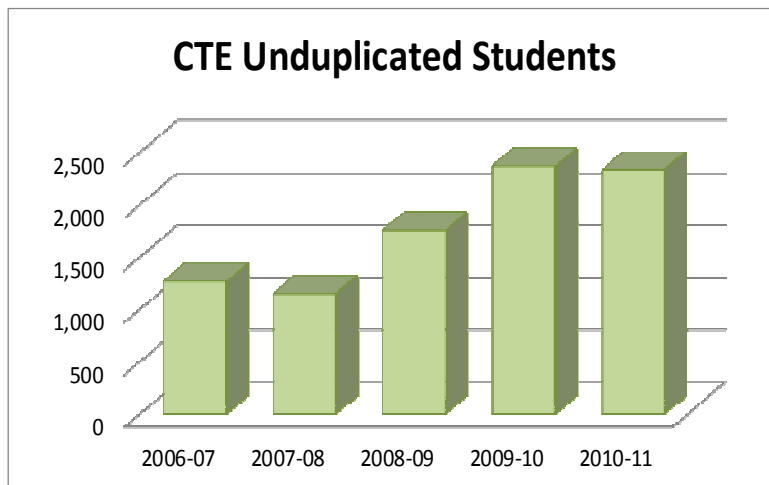
In 2010-11, there were 22 CTE program areas and 446 courses offered for Dual Credit. The following chart details how many students and credits were awarded in the specific PCC CTE program areas.

PCC CTE PROGRAM AREA	NUMBER OF HIGH SCHOOLS	NUMBER OF INSTRUCTORS	UNDUPLICATED STUDENTS*	CREDITS EARNED
Architectural Design & Drafting (ARCH)	9	9	91	342
Automotive Service Technology (AM)	8	7	133	964
Building Construction Technology (BCT)	12	14	196	836
Computer Aided Design & Drafting (DRF)	11	11	183	881
Computer Applications Systems (CAS)	15	21	761	2,668
Computer Information Systems (CIS)	1	1	5	20
Early Childhood Education (ECE)	10	10	238	862
Electrical Trades (ELT)	1	1	4	8
Electronic Engineering Technology (EET)	2	2	0	0
Emergency Medical Technician (EMT)	2	2	30	90
Facilities Maintenance Technician (FMT)	1	1	1	4
Fire Protection (FP)	4	4	66	402
Horticulture (HOR)	1	2	0	0
Interior Design (ID)	1	1	6	18
Landscape Technology (LAT)	3	4	34	131
Machine Manufacturing Technology (MCH)	8	8	181	1,569
Management & Supervisory Dev. (MSD)	4	2	28	84
Medical Professions (MP)	8	12	240	670
Microelectronics Technology (MT)	1	1	0	0
Office Systems (OS)	2	2	8	8
Professional Music (MUC)	1	1	29	90
Welding (WLD)	8	8	96	605

THE LAST FIVE YEARS OF CTE

SCHOOL YEAR	SCHOOLS	ARTICULATING INSTRUCTORS	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
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
2010-11	37	99	2,330	10,252	\$779,152

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



CTE PCC COURSES

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

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Automotive Service Technology	AM 100	Introduction to Automotive	4
	AM 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
	AM 111	Engine Repair	4
	AM 151	Undercar Systems I	4
	AM 161	Electrical I	4
Architectural Design & Drafting	ARCH 100	Graphic Communication for Designers	3
	ARCH 101	Architectural Graphics I	3
	ARCH 111	Working Drawings I	3
	ARCH 126	Introduction to AutoCAD	3
	ARCH 136	Intermediate AutoCAD	3
	ARCH 140	Introduction to Chief Architect	3
	ARCH 200	Intro to Architecture	4
Building Construction Technology	BCT 102	Residential Printreading	3
	BCT 104	Construction Math	3
	BCT 106	Hand Tool/Power Tool Use and Safety	3
	BCT 120	Floor Framing	3

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Building Construction Technology	BCT 121	Wall Framing	3
	BCT 127	Concrete Construction I	6
	BCT 128	Exterior Finish	6
	BCT 216	Cabinetry I	2
	BCT 217	Cabinetry II	2
	BCT 218	Woodworking Projects	2
	BCT 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 170A	Beginning Excel	1
	CAS 175	Introduction to Flash	3
	CAS 206	Principles of HTML/XHTML	4
	CAS 208	Beginning Photoshop for the Web	3
	CAS 216	Beginning Word	3
	CAS 216A	Beginning Word	1
CAS 246	Integrated Computer Projects	4	
Computer Information Systems	CIS 120	Computer Concepts I	4
	CIS 121	Computer Concepts II	4
	CIS 122	Software Design	4

CTE PCC COURSES

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Computer Information Systems	CIS 133B	Intro to Visual Basic.NET Programming	4
	CIS 133J	Java Programming I	4
Civil/Mechanical Engineering Technology	CMET 113	Engineering Technology Graphics	3
	CMET 133	Materials Technology	3
Computer Aided Design & Drafting	DRF 117	Drafting Fundamentals	4
	DRF 126	Introduction to AutoCAD	3
	DRF 133	Intermediate Drafting	4
	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
Electrical Trades	ELT 201	Electrical Motor Control	2
Emergency Medical Technician	EMT 105	EMT Basic Part I	5
	EMT 106	EMT Basic Part II	5
	EMT 120	EMS: First Responder	3
Facilities Maintenance Technology	FMT 101	Refrigeration I	2

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Facilities Maintenance Technology	FMT 102	Refrigeration II	2
	FMT 111	Refrigeration Electrical I	2
	FMT 112	Refrigeration Electrical II	2
Fire Protection	FP 101	Introduction to Fire Protection	3
	FP 123	Hazardous Materials Technician I	3
	FP 133	Wildland Firefighter	3
	FP 280B	Cooperative Education: Fire Science Seminar	2
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	

CTE PCC COURSES

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
	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
	MCH 195	Threading on the Lathe	3.5
	MCH 205	Vertical Milling Machine & Operations	3.5
	MCH 210	Projects Machine Technology IV	6
Machine Manufacturing Technology	MCH 229	Rapid Prototyping	5
	MCH 272	Mastercam Level I	5
	MCH 290	Mastercam Fundamentals Orientation	1
	MCH 291	Laser Cutting and Engraving Fundamentals	1
	MCH 292	FDM Additive Manufacturing Fundamentals Orientation	1.5
	MCH 294	3 Dimensional Digital Laser Scanning Fundamentals	1.5
Medical Professions	BI 55	Human Biology	4
	MP 109	Basic Medical Terminology I	2
	MP 110	Basic Medical Terminology II	2
	MP 111	Medical Terminology	4
Management & Supervisory Development	MSD 101	Principles of Management & Supervision	3
	MSD 121	Leadership Skill Development	3
Microelectronics Technology	MT 101	Intro to Semiconductors Manufacturing	1
	MT 102	Intro to Semiconductors Development	1
	MT 103	Intro to Micro and Nano Process	1
	MT 111	Electronic Circuits & Devices I	4

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
Microelectronics Technology	MT 121	Digital Systems I	3
Office Systems	OS 131	10-Key Calculator	1
Professional Music	MUC 154A	Band Performance Workshop	2
	MUC 154B	Band Performance Workshop	2
	MUC 154C	Band Performance Workshop	2
Welding	WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting	4
	WLD 112	SMAW: Mild Steel I (E7018)	4
	WLD 113	SMAW: Mild Steel II (E7018)	4
	WLD 114	SMAW: Mild Steel III (E6011)	3
	WLD 115	SMAW: Mild Steel IV (E6011)	3
	WLD 131	Gas Metal Arc Welding	3
	WLD 141	Flux-Cored Arc Welding I	3
	WLD 151	SMAW Certification Practice: Unlimited Thickness Mild Steel	3
	WLD 253	SMAW Certification Practice: 3/8" Mild Steel (E6011)	3
	WLD 254	SMAW Certification Practice: 3/8" Mild Steel (E6011)	3
	WLD 261	Basic Fabrication I	6
	WLD 271	Oxy-acetylene Welding Projects	3

UNIVERSITY TRANSFER

There were 2,576 University Transfer (UT) high school students who earned PCC Dual Credit during the 2010-11 school year, giving them a jump start on their post-secondary education. These students earned 14,008 PCC in UT credits.

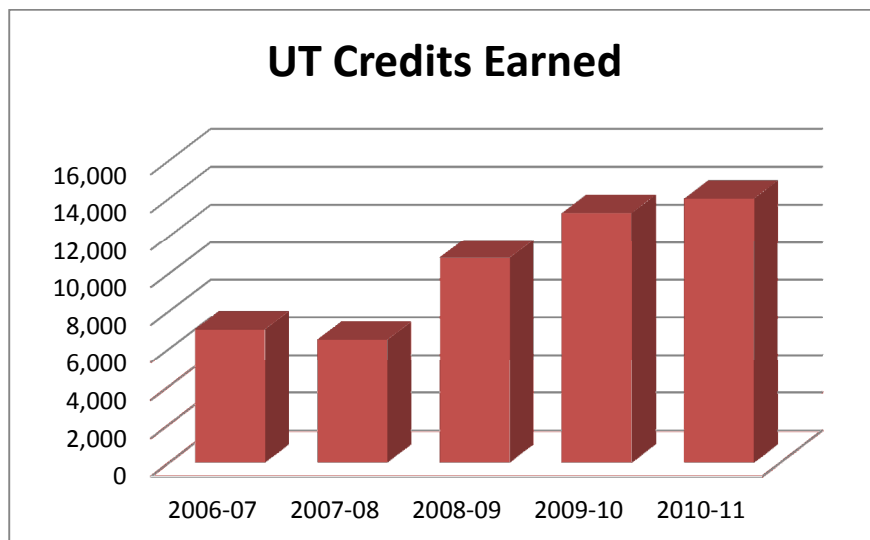
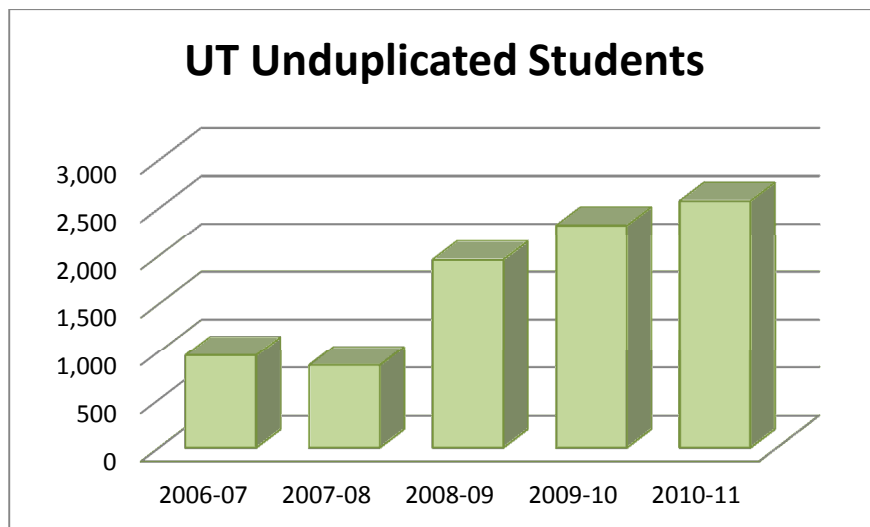
In 2010-11, there were 23 UT program areas and 171 courses offered for Dual Credit. The following chart details how many students and credits were awarded in the specific PCC UT program areas.

PCC PROGRAM AREA	NUMBER OF HIGH SCHOOLS	NUMBER OF INSTRUCTORS	UNDUPLICATED STUDENTS	CREDITS EARNED
American Sign Language (ASL)	1	1	57	236
Art (ART)	1	1	13	26
Anthropology (ATH)	1	1	75	300
Biology (BI)	4	4	242	1,352
Business Administration (BA)	5	6	79	237
Career Guidance (CG)	5	8	413	1,085
Criminal Justice (CJA)	3	4	69	333
Crop Soil Science (CSS)	2	3	0	0
Dance (D)	2	4	18	113
Engineering (ENGR)	2	8	23	23
English (ENG)	7	1	250	1,200
Environmental Studies (ESR)	1	1	13	52
General Science (GS)	1	1	16	68
German (GER)	1	7	31	248
Health (HE)	4	7	199	738
History (HST)	6	11	282	2,840
Math (MTH)	7	1	452	3,750
Music (MUS)	1	1	11	11
Physics (PHY)	1	1	0	0
Psychology (PSY)	1	1	95	460
Reading (RD)	1	1	16	48
Spanish (SPA)	1	1	101	404
Theatre Arts (TA)	1	1	23	92
Writing (WR)	5	5	98	392

LAST FIVE YEARS OF UT

SCHOOL YEAR	SCHOOLS	ARTICULATING INSTRUCTORS	UNDUPLICATED STUDENTS	CREDITS EARNED	CREDIT VALUE
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
2010-11	33	68	2,576	14,008	\$1,064,608

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



UT PCC COURSES

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

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

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

UT PCC COURSES

PROGRAM AREA	COURSE #	PCC COURSE NAME	CREDITS
German	GER 102	First Year German	4
General Science	GS 108	Physical Science (Oceanography)	4
Health	HE 112	First Aid and Emergency Care	1
Health	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

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

ARTICULATION DETAILS

The Articulation Details section of this report describes enrollment information on articulated programs offered at each school or site. The following pages list all active articulation agreements for the 2010-11 school year, the total number of credits earned, and how many students registered for each course (represented here as duplicated students).

31	Alliance at Meek ProTech Campus	68	Mount Scott Learning Center
32	Aloha High School	69	Newberg Campus
34	Arts & Communication Magnet Academy	72	Open Meadow High School
35	Banks High School	73	PPS-Education Options
36	Beaverton High School	74	Portland YouthBuilders
38	BSD Options Program	76	Rex Putnam High School
40	Benson High School	77	Riverdale High School
42	Canby High School	78	Roosevelt Campus
43	Central Catholic High School	79	Rosemary Anderson High School
44	Century High School	80	Sabin-Schellenberg Center
45	Clark County Skills Center	81	Sherwood High School
46	Cleveland High School	84	South Albany High School
47	Early College High School	85	Southridge High School
48	Forest Grove High School	86	Sprague High School
51	Franklin High School	87	St. Helens High School
53	Gaston High School	89	Sunset High School
54	Glencoe High School	90	Tigard High School
56	Hillsboro High School	91	Tualatin High School
58	Horizon Christian High School	92	Vernonia High School
59	Jefferson High School	93	Westview High School
60	Lake Oswego High School	94	Wilsonville High School
61	Lakeridge High School		
62	Liberty High School		
64	Madison High School		
65	Marshall Campus		
66	McMinnville High School		
67	Merlo Station High School		

2010-2011 Articulation Details by Discipline and Career Pathway

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

Alliance at Meek ProTech Campus

Spring Term 2011

Automotive Service Technology

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

(Industrial and Engineering)

Computer Applications and Office Systems

CAS 111D	Beginning Website: Dreamweaver (3)	Arts & Communication II	Amy Taramasso	2	6
CAS 208	Beginning Photoshop for the Web (3)	Arts & Communication I	Amy Taramasso	0	0

(Business & Management)

Machine Manufacturing Technology

MCH 100	Machine Tool Basics (1)	Machining A	Paul Reetz	4	4
MCH 105	Blueprint Reading I (1.5)	Machining B	Paul Reetz	4	6
MCH 110	Blueprint Reading II (1.5)	Machining G	Paul Reetz	0	0
MCH 120	Machine Shop Math (2)	Machining F	Paul Reetz	2	4
MCH 125	Speeds and Feeds (1)	Machining B or Machining F	Paul Reetz	0	0
MCH 135	Basic Measuring Tools (1.5)	Machining B	Paul Reetz	3	4.5
MCH 145	Layout Tools (1.5)	Machining F	Paul Reetz	3	4.5
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	2	8
MCH 205	Vertical Milling Machine and Operations (3.5)	Machining F	Paul Reetz	0	0

(Industrial and Engineering)

Welding

WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding A-B	Paul Reetz	1	4
WLD 112	SMAW: Mild Steel I (E7018) (4)	Welding C-D	Paul Reetz	0	0
WLD 113	SMAW: Mild Steel II (E7018) (4)	Welding E-F	Paul Reetz	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Welding G-H	Paul Reetz	0	0
WLD 131	Gas Metal Arc Welding (3)	Welding K-L	Paul Reetz	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Welding O-P	Paul Reetz	0	0

(Industrial and Engineering)

Summary for Alliance at Meek ProTech Campus	21	41
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2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered	(Career Pathway)	Duplicated Credits	
Discipline	High School Course Title	Instructor	Students Earned
Courses under Agreement (credits)			
Aloha High School			
Fall Term 2010			
Automotive Service Technology	(Industrial and Engineering)		
AM 108 Unit 8: Introduction to Automotive Systems I (4)	Automotive Technology I	Louise Drow	16 64
Career Guidance & College Success	(None)		
CG 130 Today's Careers (2)	Careers	Jeff Smith	36 72
Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 117 Drafting Fundamentals (4)	Drafting I/AutoCAD	Dennis Larsen	3 12
DRF 126 Introduction to AutoCAD (3)	Drafting II/Advanced AutoCAD	Dennis Larsen	0 0
DRF 133 Intermediate Drafting (4)	Drafting II/Advanced AutoCAD	Dennis Larsen	0 0
Computer Applications and Office Systems	(Business & Management)		
CAS 121 Beginning Keyboarding (3)	Keyboarding	Jeff Smith	15 45
Winter Term 2011			
Automotive Service Technology	(Industrial and Engineering)		
AM 100 Introduction to Automotive (4)	Automotive Technology I	Louise Drow	14 56
AM 102 Unit 2: Electrical Systems I (4)	Automotive Technology II	Louise Drow	0 0
Career Guidance & College Success	(None)		
CG 130 Today's Careers (2)	Careers	Jeff Smith	19 38
Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 117 Drafting Fundamentals (4)	Drafting I/AutoCAD	Dennis Larsen	0 0
DRF 126 Introduction to AutoCAD (3)	Drafting II/Advanced AutoCAD	Dennis Larsen	0 0
DRF 133 Intermediate Drafting (4)	Drafting II/Advanced AutoCAD	Dennis Larsen	0 0
Computer Applications and Office Systems	(Business & Management)		
CAS 121 Beginning Keyboarding (3)	Keyboarding	Jeff Smith	15 45
Health	(Health Services)		
HE 252 First Aid - Basics and Beyond (4)	First Aid Basics and Beyond	Michael Halbrook	12 48
Spring Term 2011			
Architectural Design & Drafting	(Industrial and Engineering)		
ARCH 101 Architectural Graphics 1 (3)	Architecture Design II	Dennis Larsen	2 6
ARCH 111 Working Drawings 1 (3)	Architecture Design I	Dennis Larsen	12 36
Automotive Service Technology	(Industrial and Engineering)		
AM 100 Introduction to Automotive (4)	Automotive Technology I	Louise Drow	1 4
AM 161 Electrical I (4)	Automotive Technology II	Louise Drow	1 4

2010-2011 Articulation Details by Discipline and Career Pathway

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

Spring Term 2011 Continued...

Career Guidance & College Success		(None)		
CG 130	Today's Careers (2)	Careers	Jeff Smith	55 110
Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Drafting I/AutoCAD	Dennis Larsen	0 0
DRF 126	Introduction to AutoCAD (3)	Drafting II/Advanced AutoCAD	Dennis Larsen	8 24
DRF 133	Intermediate Drafting (4)	Drafting II/Advanced AutoCAD	Dennis Larsen	7 28
Computer Applications and Office Systems		(Business & Management)		
CAS 121	Beginning Keyboarding (3)	Keyboarding	Jeff Smith	33 99
German		(None)		
GER 101	First Year German (4)	German 1A and 1B	Katja Freeborn	31 124
GER 102	First Year German (4)	German 2A and 2B	Katja Freeborn	31 124
Health		(Health Services)		
HE 252	First Aid - Basics and Beyond (4)	First Aid Basics and Beyond	Michael Halbrook	6 24

Not Offered

Automotive Service Technology		(Industrial and Engineering)		
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	0 0
AM 105	Unit 5: Brakes Systems I (4)	Automotive Technology II	Louise Drow	0 0

Summary for Aloha High School 317 963

2010-2011 Articulation Details by Discipline and Career Pathway

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

Arts & Communication Magnet Academy

Spring Term 2011

Dance	(Arts & Communications)			
D 150 Jazz Dance I (1)	Beginning Dance	Julane Stites	0	0
D 150 Jazz Dance I (1)	Beginning Dance	Felice Moskowitz	16	16
D 151 Jazz Dance II (1)	Intermediate Dance	Felice Moskowitz	16	16
D 151 Jazz Dance II (1)	Intermediate Dance	Julane Stites	0	0
D 192D Modern Dance II (1)	Advanced Dance	Julane Stites	15	15
D 209 Dance Performance (3)	Performance Dance West/Dance Ensemble	Julane Stites	14	42
D 252 Jazz Dance III (1)	Advanced Dance	Felice Moskowitz	0	0
D 252 Jazz Dance III (1)	Advanced Dance	Julane Stites	16	16
Summary for Arts & Communication Magnet Academy			77	105

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)	Duplicated Credits	
Discipline		High School Course Title	Instructor	Students Earned
Courses under Agreement (credits)				
Banks High School				
Winter Term 2011				
Biology		(None)		
BI 101	Biology (4)	Advanced AP Biology	Carol Pallett	15 60
English		(None)		
WR 121	English Composition (4)	Honors English 12	Diane Coughlin	20 80
Fire Protection		(Natural Resource Systems)		
FP 101	Introduction to Fire Protection (3)	Introduction to Fire Protection	Levi Eckhardt	6 18
FP 123	Hazardous Materials Technician I (3)	Hazardous Materials Technician I	Levi Eckhardt	5 15
FP 280B	Cooperative Education: Fire Science - Seminar (2)	Cooperative Education: Fire Science -Seminar	Levi Eckhardt	2 4
Welding		(Industrial and Engineering)		
WLD 271	Oxy-acetylene Welding Projects (3)	Welding	Tim Eggleston	0 0
Spring Term 2011				
Biology		(None)		
BI 102	Biology (4)	Advanced AP Biology	Carol Pallett	14 56
BI 103	Biology (4)	Advanced AP Biology	Carol Pallett	14 56
Emergency Medical Technician		(Health Services)		
EMT 120	Emergency Medical Service: First Responder (3)	Firefighter - Entry Level	Levi Eckhardt	8 24
English		(None)		
ENG 104	Introduction to Literature (Fiction) (4)	Honors English 12	Diane Coughlin	20 80
Fire Protection		(Natural Resource Systems)		
FP 133	Wildland Firefighter (3)	Wildland Firefighter	Levi Eckhardt	6 18
FP 280B	Cooperative Education: Fire Science -Seminar (2)	Cooperative Education: Fire Science -Seminar	Levi Eckhardt	6 12
Welding		(Industrial and Engineering)		
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals Fabrication	Tim Eggleston	0 0
Not Offered				
Emergency Medical Technician		(Health Services)		
EMT 105	EMT Basic I (5)	EMT Basic Part I	Levi Eckhardt	0 0
EMT 106	EMT Basic II (5)	EMT Basic Part II	Levi Eckhardt	0 0
Summary for Banks High School				116 423

2010-2011 Articulation Details by Discipline and Career Pathway

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

Winter Term 2011

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111 Working Drawings 1 (3)	Drafting II	Paul Webb	5 15
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Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117 Drafting Fundamentals (4)	Drafting I	Paul Webb	28 112
DRF 126 Introduction to AutoCAD (3)	Drafting II	Paul Webb	5 15

Computer Applications and Office Systems

(Business & Management)

CAS 109 Beginning PowerPoint (1)	Computer Applications II	Kathryn Robinson	17 17
CAS 121 Beginning Keyboarding (3)	Keyboarding	Emily Ramberg	0 0
CAS 121 Beginning Keyboarding (3)	Keyboarding	Kathryn Robinson	0 0
CAS 121 Beginning Keyboarding (3)	Keyboarding	Stacey Armstrong	0 0
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications I	Stacey Armstrong	17 68
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications I	Kathryn Robinson	24 96
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications I	Emily Ramberg	7 28
CAS 170A Beginning Excel (1)	Computer Applications II	Kathryn Robinson	17 17
CAS 216A Beginning Word (1)	Computer Applications II	Kathryn Robinson	17 17

Spring Term 2011

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111 Working Drawings 1 (3)	Drafting II	Paul Webb	7 21
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Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117 Drafting Fundamentals (4)	Drafting I	Paul Webb	22 88
DRF 126 Introduction to AutoCAD (3)	Drafting II	Paul Webb	8 24

Computer Applications and Office Systems

(Business & Management)

CAS 109 Beginning PowerPoint (1)	Computer Applications II	Kathryn Robinson	19 19
CAS 121 Beginning Keyboarding (3)	Keyboarding	Kathryn Robinson	0 0
CAS 121 Beginning Keyboarding (3)	Keyboarding	Emily Ramberg	0 0

Computer Applications and Office Systems

(Business & Management)

CAS 121 Beginning Keyboarding (3)	Keyboarding	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	31 124
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications I	Stacey Armstrong	16 64
CAS 170A Beginning Excel (1)	Computer Applications II	Kathryn Robinson	19 19
CAS 216A Beginning Word (1)	Computer Applications II	Kathryn Robinson	19 19

2010-2011 Articulation Details by Discipline and Career Pathway

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

Beaverton High School

Not Offered

Computer Applications and Office Systems

CAS 109 Beginning PowerPoint (1)
 CAS 109 Beginning PowerPoint (1)
 CAS 170A Beginning Excel (1)
 CAS 170A Beginning Excel (1)
 CAS 216A Beginning Word (1)
 CAS 216A Beginning Word (1)

(Business & Management)

Computer Applications II	Stacey Armstrong	0	0
Computer Applications II	Emily Ramberg	0	0
Computer Applications II	Stacey Armstrong	0	0
Computer Applications II	Emily Ramberg	0	0
Computer Applications II	Stacey Armstrong	0	0
Computer Applications II	Emily Ramberg	0	0

Summary for Beaverton High School	278	763
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2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered	(Career Pathway)	Duplicated Credits
Discipline	High School Course Title	Students Earned
Courses under Agreement (credits)	Instructor	
Beaverton School District Options Program		
Fall Term 2010		
Automotive Service Technology	(Industrial and Engineering)	
AM 103 Unit 3: Engine Performance I (4)	Automotive Technology I & II - First Year	Louise Drow 36 144
AM 105 Unit 5: Brakes Systems I (4)	Automotive Technology I & II - Second Year	Louise Drow 0 0
AM 108 Unit 8: Introduction to Automotive Systems I (4)	Automotive Technology I & II - First Year	Louise Drow 27 108
Winter Term 2011		
Automotive Service Technology	(Industrial and Engineering)	
AM 100 Introduction to Automotive (4)	Automotive Technology I & II - First Year	Louise Drow 0 0
Spring Term 2011		
Medical Professions	(Health Services)	
BI 55 Human Biology (4)	Human Anatomy & Physiology	Matt Bayha 0 0
Automotive Service Technology	(Industrial and Engineering)	
AM 100 Introduction to Automotive (4)	Automotive Technology I & II - First Year	Louise Drow 0 0
AM 151 Undercar Systems I (4)	Automotive Technology I & II - First and Second Year	Louise Drow 0 0
Health	(Health Services)	
HE 252 First Aid - Basics and Beyond (4)	Health Careers	Paula Jacobs 123 492
Medical Professions	(Health Services)	
MP 109 Basic Medical Terminology I (2)	Health Careers	Paula Jacobs 118 236
MP 110 Basic Medical Terminology II (2)	Advanced Health Careers	Andrea Ellis 21 42
MP 110 Basic Medical Terminology II (2)	Advanced Health Careers	Matt Bayha 6 12
MP 110 Basic Medical Terminology II (2)	Advanced Health Careers	Kathleen Newell 0 0
Not Offered		
Automotive Service Technology	(Industrial and Engineering)	
AM 102 Unit 2: Electrical Systems I (4)	Automotive Technology I & II - Second Year	Louise Drow 0 0
AM 104 Unit 4: Steering and Suspension Systems I (4)	Automotive Technology I & II - First Year	Louise Drow 0 0
AM 161 Electrical I (4)	Automotive I & II - Second Year	Louise Drow 0 0

2010-2011 Articulation Details by Discipline and Career Pathway

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

Beaverton School District Options Program

Not Offered Continued...

Automotive Service Technology

(Industrial and Engineering)

AM 102	Unit 2: Electrical Systems I (4)	Automotive Technology I & II - Second Year	Louise Drow	0	0
AM 104	Unit 4: Steering and Suspension Systems I (4)	Automotive Technology I & II - First Year	Louise Drow	0	0
AM 161	Electrical I (4)	Automotive I & II - Second Year	Louise Drow	0	0

Health

(Health Services)

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

Medical Professions

(Health Services)

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

Summary for Beaverton School District Options Program

331 1,034

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered

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

Benson High School

Winter Term 2011

Machine Manufacturing Technology	(Industrial and Engineering)		
MCH 100 Machine Tool Basics (1)	Manufacturing IV	Barth Clooten	14 14
MCH 135 Basic Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	14 21
MCH 145 Layout Tools (1.5)	Manufacturing IV	Barth Clooten	14 21
MCH 160 Drilling Machines & Operations (2)	Manufacturing IV	Barth Clooten	14 28

Spring Term 2011

Automotive Service Technology	(Industrial and Engineering)		
AM 100 Introduction to Automotive (4)	Automotive IV	Brett Anderson	38 152
AM 111 Engine Repair (4)	Automotive IV	Brett Anderson	38 152
AM 161 Electrical I (4)	Automotive IV	Brett Anderson	38 152

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

Computer Applications and Office Systems	(Business & Management)		
CAS 106 Introduction to X/HTML (1)	Introduction to X/HTML	Dave Thompson	14 14
CAS 109 Beginning PowerPoint (1)	Beginning PowerPoint	Dave Thompson	15 15
CAS 111DBeginning Website: Dreamweaver (3)	Beginning Website Creation	Dave Thompson	15 45

Electrical Engineering Technology	(Industrial and Engineering)		
EET 178 PC Architecture for Technicians (4)	Micro Computer Technology IV	Zeno Idzerda	0 0

Electrical Trades	(Industrial and Engineering)		
ELT 201 Electrical Motor Control (2)	Electric IV	Tim Hryciw	4 8

Facilities Maintenance Technology	(Industrial and Engineering)		
FMT 101 Refrigeration I (2)	Electric IV	Tim Hryciw	1 2
FMT 102 Refrigeration II (2)	Electric IV	Tim Hryciw	1 2
FMT 111 Refrigeration Electrical I (2)	Electric IV	Tim Hryciw	0 0
FMT 112 Refrigeration Electrical II (2)	Electric IV	Tim Hryciw	0 0

Machine Manufacturing Technology	(Industrial and Engineering)		
MCH 100 Machine Tool Basics (1)	Manufacturing IV	Barth Clooten	0 0
MCH 105 Blueprint Reading I (1.5)	Manufacturing IV	Barth Clooten	13 19.5
MCH 110 Blueprint Reading II (1.5)	Manufacturing IV	Barth Clooten	13 19.5
MCH 120 Machine Shop Math (2)	Manufacturing IV	Barth Clooten	13 26
MCH 123 Sheet Metal Fabrication (4)	Manufacturing III	Barth Clooten	14 56
MCH 125 Speeds and Feeds (1)	Manufacturing IV	Barth Clooten	13 13

2010-2011 Articulation Details by Discipline and Career Pathway

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

Benson High School

Spring Term 2011 Continued...

Machine Manufacturing Technology		(Industrial and Engineering)	
MCH 135 Basic Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	0 0
MCH 145 Layout Tools (1.5)	Manufacturing IV	Barth Clooten	0 0
MCH 150 Precision Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	13 19.5
MCH 160 Drilling Machines & Operations (2)	Manufacturing IV	Barth Clooten	0 0
MCH 180 Turning Machines and Operations (4)	Manufacturing IV	Barth Clooten	13 52
MCH 205 Vertical Milling Machine and Operations (3.5)	Manufacturing IV	Barth Clooten	13 45.5
MCH 272 Mastercam Level I (5)	Manufacturing III	Barth Clooten	14 70
Medical Professions		(Health Services)	
MP 111 Medical Terminology (4)	Medical Dental Practice Preparation	Markeeta Koch	0 0
MP 111 Medical Terminology (4)	Medical Dental Practice Preparation	Sally Niedermeyer	5 20
MP 111 Medical Terminology (4)	Medical Dental Practice Preparation	Kathy Lloyd	0 0
Welding		(Industrial and Engineering)	
WLD 111 SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Manufacturing III	Barth Clooten	17 68
WLD 271 Oxy-acetylene Welding Projects (3)	Manufacturing III	Barth Clooten	14 42

Not Offered

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

Summary for Benson High School 283 1,077

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)	(Career Pathway) High School Course Title	Instructor	Duplicated Credits Students Earned
Canby High School			
Fall Term 2010			
Architectural Design & Drafting	(Industrial and Engineering)		
ARCH 101 Architectural Graphics 1 (3)	Architecture I	Jay Harman	2 6
Building Construction Technology	(Industrial and Engineering)		
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Construction I	Darren Monen	1 3
BCT 121 Wall Framing (3)	Construction III	Darren Monen	5 15
Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 126 Introduction to AutoCAD (3)	CAD I	Jay Harman	2 6
Winter Term 2011			
Building Construction Technology	(Industrial and Engineering)		
BCT 100 Overview of Construction (3)	Construction II	Darren Monen	0 0
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Construction I	Darren Monen	7 21
BCT 121 Wall Framing (3)	Construction III	Darren Monen	0 0
Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 126 Introduction to AutoCAD (3)	CAD I	Jay Harman	6 18
Spring Term 2011			
Building Construction Technology	(Industrial and Engineering)		
BCT 100 Overview of Construction (3)	Construction II	Darren Monen	20 60
BCT 121 Wall Framing (3)	Construction III	Darren Monen	0 0
Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 126 Introduction to AutoCAD (3)	CAD I	Jay Harman	8 24
DRF 270 SolidWorks Fundamentals (3)	Engineering & Design	Jay Harman	0 0
Summary for Canby High School			51 153

2010-2011 Articulation Details by Discipline and Career Pathway

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

Central Catholic High School

Winter Term 2011

Computer Applications and Office Systems	(Business & Management)		
CAS 133 Basic Computer Skill/MS Office (4)	Integrated Computer Applications/Microsoft Office	Nancy Peterson	51 204

Spring Term 2011

Computer Applications and Office Systems	(Business & Management)		
CAS 133 Basic Computer Skill/MS Office (4)	Integrated Computer Applications/Microsoft Office	Nancy Peterson	56 224

Summary for Central Catholic High School	107 428
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Century High School

Winter Term 2011

Computer Applications and Office Systems

(Business & Management)

CAS 133	Basic Computer Skill/MS Office (4)	Basic Business and Computer Applications	Raya Nichols	28	112
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Medical Professions

(Health Services)

MP 111	Medical Terminology (4)	Health Services II	Rachelle Carnes	33	132
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Spring Term 2011

Computer Applications and Office Systems

(Business & Management)

CAS 106	Introduction to X/HTML (1)	Web Design	Chris Winikka	2	2
CAS 133	Basic Computer Skill/MS Office (4)	Basic Business and Computer Applications	Raya Nichols	17	68

Early Childhood Education

(Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I	Alia Laack	6	18
ECE 132	Early Childhood Field Work (2)	Child Services II	Alia Laack	4	8

Health

(Health Services)

HE 250	Personal Health (3)	Anatomy & Physiology/Health Services I	Kristin Grazer	32	96
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Machine Manufacturing Technology

(Industrial and Engineering)

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

Not Offered

Health

(Health Services)

HE 250	Personal Health (3)	Anatomy & Physiology/Health Services I	Rachelle Carnes	0	0
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Summary for Century High School **122 436**

2010-2011 Articulation Details by Discipline and Career Pathway

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

Clark County Skills Center

Spring Term 2011

Criminal Justice	(Human Resources)		
CJA 111 Introduction to Criminal Justice System -Police (3)	Criminal Justice I	Ron Epperson	37 111
CJA 112 Introduction to Criminal Justice System -Courts (3)	Criminal Justice II	Ron Epperson	16 48

Not Offered

Criminal Justice	(Human Resources)		
CJA 111 Introduction to Criminal Justice System -Police (3)	Criminal Justice I	Wayne Svilar	0 0

Summary for Clark County Skills Center	53	159
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2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered	(Career Pathway)		Duplicated Credits	
Discipline	High School Course Title	Instructor	Students	Earned
Courses under Agreement (credits)				
Cleveland High School				
Winter Term 2011				
Math	(None)			
MTH 251 Calculus I (4)	International Baccalaureate Mathematics (SL)	Kari Freeman	79	316
Spring Term 2011				
Math	(None)			
MTH 252 Calculus II (5)	Advanced Placement Calculus (AB)	Kari Freeman	61	305
MTH 253 Calculus III (5)	International Baccalaureate Mathematics (HL)	Natasha Khvilivitzky	11	55
Not Offered				
Computer Applications and Office Systems	(Business & Management)			
CAS 109 Beginning PowerPoint (1)	Computer Applications I-II	Zita Podany	0	0
CAS 216 Beginning Word (3)	Computer Applications I-II	Zita Podany	0	0
CAS 216A Beginning Word (1)	Computer Applications I-IV	Zita Podany	0	0
Summary for Cleveland High School			151	676

2010-2011 Articulation Details by Discipline and Career Pathway

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

Fall Term 2010

Career Guidance & College Success	(None)			
CG 100C College Survival and Success (1)	College Success & Survival	Megan Brooke	32	32
CG 100C College Survival and Success (1)	College Success & Survival	Maggie (Helen) Brown	77	77
CG 100C College Survival and Success (1)	College Success & Survival	James Lekas	26	26
CG 111C Study Skills for College Learning (1)	Study Skills for College Learning	Megan Brooke	35	35
CG 111C Study Skills for College Learning (1)	Study Skills for College Learning	Maggie (Helen) Brown	75	75
CG 111C Study Skills for College Learning (1)	Study Skills for College Learning	James Lekas	26	26
CG 140B Career and Life Planning (2)	Career & Life Planning	James Lekas	23	46

Winter Term 2011

Career Guidance & College Success	(None)			
CG 100C College Survival and Success (1)	College Success & Survival	Megan Brooke	18	18
CG 100C College Survival and Success (1)	College Success & Survival	Maggie (Helen) Brown	21	21
CG 111C Study Skills for College Learning (1)	Study Skills for College Learning	Megan Brooke	18	18
CG 111C Study Skills for College Learning (1)	Study Skills for College Learning	Maggie (Helen) Brown	21	21
CG 140B Career and Life Planning (2)	Career & Life Planning	Megan Brooke	14	28
CG 140B Career and Life Planning (2)	Career & Life Planning	James Lekas	76	152

Spring Term 2011

Career Guidance & College Success	(None)			
CG 100C College Survival and Success (1)	College Success & Survival	Megan Brooke	11	11
CG 100C College Survival and Success (1)	College Success & Survival	Maggie (Helen) Brown	18	18
CG 111C Study Skills for College Learning (1)	Study Skills for College Learning	Megan Brooke	10	10
CG 111C Study Skills for College Learning (1)	Study Skills for College Learning	Maggie (Helen) Brown	18	18
CG 140B Career and Life Planning (2)	Career & Life Planning	Megan Brooke	30	60
CG 140B Career and Life Planning (2)	Career & Life Planning	James Lekas	28	56

Summary for Early College High School	547	748
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Forest Grove High School

Winter Term 2011

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111 Working Drawings 1 (3)	Architectural Drafting I/II	Chuck Thurber	2	6
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Building Construction Technology

(Industrial and Engineering)

BCT 102 Residential Printreading (3)	Architectural Drafting I & II	Chuck Thurber	1	3
BCT 104 Construction Mathematics (3)	Advanced Building Construction	Chris Higginbotham	0	0
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Basic Construction & Woods II & Advanced Building Construction	Chris Higginbotham	39	117
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Basic Construction & Woods II	Chuck Thurber	34	102

Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117 Drafting Fundamentals (4)	Drafting I & II	Chuck Thurber	3	12
DRF 133 Intermediate Drafting (4)	Drafting II & III	Chuck Thurber	0	0

Computer Applications and Office Systems

(Business & Management)

CAS 109 Beginning PowerPoint (1)	Computer Applications	Theresa Broeren	20	20
CAS 111D Beginning Website: Dreamweaver (3)	Web Page Design	Theresa Broeren	30	90
CAS 133 Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Theresa Broeren	0	0
CAS 216A Beginning Word (1)	Computer Applications	Theresa Broeren	20	20

Math

(None)

MTH 111C College Algebra for Math, Science & Engineering (5)	Pre-Calculus	Pete Rusaw	13	65
MTH 111C College Algebra for Math, Science & Engineering (5)	Pre-Calculus	Mike Wanner	42	210
MTH 251 Calculus I (4)	Advanced Placement Calculus	Pete Rusaw	24	96

Welding

(Industrial and Engineering)

WLD 111 SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals II, IV	Jami Duyck	2	8
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Spring Term 2011

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111 Working Drawings 1 (3)	Architectural Drafting I/II	Chuck Thurber	2	6
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Automotive Service Technology

(Industrial and Engineering)

AM 100 Introduction to Automotive (4)	Auto Tech I	Tom Redwine	9	36
AM 161 Electrical I (4)	Auto Tech II	Tom Redwine	5	20

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated Credits
Discipline		High School Course Title	Instructor	Students Earned
Courses under Agreement (credits)				
Forest Grove High School				
Spring Term 2011 Continued...				
Building Construction Technology		(Industrial and Engineering)		
BCT 102	Residential Printreading (3)	Architectural Drafting I & II	Chuck Thurber	0 0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Basic Construction & Woods II & Advanced Building Construction	Chris Higginbotham	15 45
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Basic Construction & Woods II	Chuck Thurber	22 66
BCT 120	Floor Framing (3)	Advanced Building Construction	Chris Higginbotham	15 45
BCT 121	Wall Framing (3)	Advanced Building Construction	Chris Higginbotham	15 45
BCT 128	Exterior Finish (6)	Advanced Building Construction	Chris Higginbotham	15 90
BCT 226	Finish Carpentry (2)	Advanced Building Construction	Chris Higginbotham	15 30
Business Administration		(Business & Management)		
BA 111	Introduction to Accounting (3)	Accounting I	Theresa Broeren	12 36
Computer Aided Design & Drafting		(Industrial and Engineering)		
DRF 117	Drafting Fundamentals (4)	Drafting I & II	Chuck Thurber	1 4
DRF 133	Intermediate Drafting (4)	Drafting II & III	Chuck Thurber	0 0
Computer Applications and Office Systems		(Business & Management)		
CAS 109	Beginning PowerPoint (1)	Computer Applications	Theresa Broeren	0 0
CAS 111D	Beginning Website: Dreamweaver (3)	Web Page Design	Theresa Broeren	13 39
CAS 216A	Beginning Word (1)	Computer Applications	Theresa Broeren	0 0
Early Childhood Education		(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Childcare III	Lisa Weisenfluh	9 27
Early Childhood Education		(Human Resources)		
ECE 132	Early Childhood Field Work (2)	Childcare III	Lisa Weisenfluh	9 18
Fire Protection		(Natural Resource Systems)		
FP 101	Introduction to Fire Protection (3)	Firefighter I	David Nemeyer	4 12
Landscape Technology		(Natural Resource Systems)		
LAT 109	Plant Propagation (3)	Introduction to Horticulture	Charlie Vandehey	10 30
Math		(None)		
MTH 112	Elementary Functions (5)	Pre-Calculus	Pete Rusaw	16 80
MTH 112	Elementary Functions (5)	Pre-Calculus	Mike Wanner	41 205
MTH 252	Calculus II (5)	Advanced Placement Calculus	Pete Rusaw	19 95

2010-2011 Articulation Details by Discipline and Career Pathway

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

Forest Grove High School

Spring Term 2011 Continued...

Medical Professions	(Health Services)		
BI 55 Human Biology (4)	Anatomy and Physiology	Ron Romanick	31 124
MP 111 Medical Terminology (4)	Medical Terminology	Ron Romanick	33 132
Welding	(Industrial and Engineering)		
WLD 111 SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals II, IV	Jami Duyck	10 40

Not Offered

Landscape Technology	(Natural Resource Systems)		
CSS 200 Soils and Plant Nutrition (3)	Introduction to Agriculture	Charlie Vandehey	0 0
CSS 200 Soils and Plant Nutrition (3)	Introduction to Agriculture	Jami Duyck	0 0
HOR 290 Introduction to Landscape Design (3)	Landscape Design & Nursery Production	Charlie Vandehey	0 0
HOR 290 Introduction to Landscape Design (3)	Landscape Design & Nursery Production	Jami Duyck	0 0
LAT 109 Plant Propagation (3)	Introduction to Horticulture	Jami Duyck	0 0
Summary for Forest Grove High School			551 1,974

2010-2011 Articulation Details by Discipline and Career Pathway

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

Franklin High School

Winter Term 2011

Computer Applications and Office Systems

(Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications I	Theresa Hawkins	95	95
CAS 216A	Beginning Word (1)	Computer Applications I	Theresa Hawkins	98	98

Criminal Justice

(Human Resources)

CJA 100	Introduction to Professions in Criminal Justice (3)	Criminal Justice Careers	Harold Hays	16	48
CJA 111	Introduction to Criminal Justice System -Police (3)	Criminal Justice Careers	Harold Hays	16	48

Spring Term 2011

Building Construction Technology

(Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Intermediate & Advanced Construction	Jerome Mannenbach	0	0
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Business Administration

(Business & Management)

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

(Business & Management)

CAS 109	Beginning PowerPoint (1)	Computer Applications I	Theresa Hawkins	0	0
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications II; Office Technology IV	Theresa Hawkins	65	260
CAS 216	Beginning Word (3)	Business Office Technology I-IV	Theresa Hawkins	6	18
CAS 216A	Beginning Word (1)	Computer Applications I	Theresa Hawkins	0	0
OS 131	10-key on Calculators (1)	Business Office Technology I-IV	Theresa Hawkins	8	8

Criminal Justice

(Human Resources)

CJA 112	Introduction to Criminal Justice System -Courts (3)	Criminal Justice Careers	Harold Hays	13	39
CJA 113	Introduction to Criminal Justice System -Corrections (3)	Criminal Justice Careers	Harold Hays	13	39

English

(None)

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

(Industrial and Engineering)

MCH 100	Machine Tool Basics (1)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	8	8
MCH 105	Blueprint Reading I (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	1	1.5
MCH 110	Blueprint Reading II (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 120	Machine Shop Math (2)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 125	Speeds and Feeds (1)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 135	Basic Measuring Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 145	Layout Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0

2010-2011 Articulation Details by Discipline and Career Pathway

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

Franklin High School

Spring Term 2011 Continued...

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 150 Precision Measuring Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 160 Drilling Machines & Operations (2)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 180 Turning Machines and Operations (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 205 Vertical Milling Machine and Operations (3.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 290 Mastercam Fundamentals Orientation (1)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0

Welding

(Industrial and Engineering)

WLD 111 SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	6	24
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	2	6

Summary for Franklin High School	380 1,042.5
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Gaston High School

Winter Term 2011

Building Construction Technology		(Industrial and Engineering)		
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woods I	Wade Sims	16 48
BCT 216	Cabinetry I (2)	Woods II	Wade Sims	5 10
BCT 218	Woodworking Projects (2)	Woods IV	Wade Sims	5 10

Spring Term 2011

Building Construction Technology		(Industrial and Engineering)		
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Woods I	Wade Sims	2 6
BCT 216	Cabinetry I (2)	Woods II	Wade Sims	20 40
BCT 218	Woodworking Projects (2)	Woods IV	Wade Sims	10 20

Early Childhood Education		(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Sue Peavey	5 15
ECE 132	Early Childhood Field Work (2)	Advanced Child Development & Lab	Sue Peavey	0 0

Not Offered

Building Construction Technology		(Industrial and Engineering)		
BCT 217	Cabinetry II (2)	Woods III	Wade Sims	0 0

Summary for Gaston High School 63 149

2010-2011 Articulation Details by Discipline and Career Pathway

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

Glencoe High School

Winter Term 2011

Architectural Design & Drafting

(Industrial and Engineering)

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

Computer Aided Design & Drafting

(Industrial and Engineering)

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

Computer Applications and Office Systems

(Business & Management)

CAS 109 Beginning PowerPoint (1)	Computer Applications	Rebecca Hufford	19	19
CAS 121 Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	31	93
CAS 133 Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Rebecca Hufford	0	0
CAS 216A Beginning Word (1)	Computer Applications	Rebecca Hufford	19	19

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100 Machine Tool Basics (1)	Machine/Welding II - First Year	Rob Brauer	49	49
MCH 105 Blueprint Reading I (1.5)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 110 Blueprint Reading II (1.5)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 120 Machine Shop Math (2)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 125 Speeds and Feeds (1)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 135 Basic Measuring Tools (1.5)	Machine/Welding II - First Year	Rob Brauer	49	73.5
MCH 145 Layout Tools (1.5)	Machine/Welding II - First Year	Rob Brauer	49	73.5
MCH 150 Precision Measuring Tools (1.5)	Machine/Welding II - Second Year	Rob Brauer	0	0
MCH 160 Drilling Machines & Operations (2)	Machine/Welding II - First Year	Rob Brauer	49	98
MCH 180 Turning Machines and Operations (4)	Machine/Welding II - First Year	Rob Brauer	49	196
MCH 205 Vertical Milling Machine and Operations (3.5)	Machine/Welding II - Second Year	Rob Brauer	0	0

Management and Supervisory Development

(Business & Management)

MSD 101 Principles of Management and Supervision (3)	Management	Rebecca Hufford	12	36
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Spring Term 2011

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111 Working Drawings 1 (3)	Architecture II	Michael O'Connor	1	3
ARCH 126 Introduction to AutoCAD (3)	Architecture I	Michael O'Connor	2	6

Business Administration

(Business & Management)

BA 111 Introduction to Accounting (3)	Accounting I	Eric Walker	33	99
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Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117 Drafting Fundamentals (4)	Drafting II	Michael O'Connor	0	0
DRF 126 Introduction to AutoCAD (3)	Drafting I	Michael O'Connor	9	27

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)		Duplicated Credits	
Discipline		High School Course Title	Instructor	Students	Earned
Courses under Agreement (credits)					
Glencoe High School					
Spring Term 2011 Continued...					
Computer Applications and Office Systems		(Business & Management)			
CAS 121	Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	46	138
Early Childhood Education		(Human Resources)			
ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I	Shellie DeWhitt	15	45
ECE 132	Early Childhood Field Work (2)	Child Services II	Shellie DeWhitt	7	14
Medical Professions		(Health Services)			
MP 111	Medical Terminology (4)	Health Services I	Rita Jukkala	22	88
Welding		(Industrial and Engineering)			
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Machine/Welding II - First Year	Rob Brauer	0	0
WLD 112	SMAW: Mild Steel I (E7018) (4)	Machine/Welding II - First Year	Rob Brauer	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Machine/Welding II - Second Year	Rob Brauer	0	0
WLD 131	Gas Metal Arc Welding (3)	Machine/Welding II - Second Year	Rob Brauer	9	27
WLD 261	Basic Fabrication I (6)	Machine/Welding II - Second Year	Rob Brauer	10	60
WLD 262	Basic Fabrication II (6)	Machine/Welding II - Second Year	Rob Brauer	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Machine/Welding II - Second Year	Rob Brauer	10	30
Summary for Glencoe High School				490	1,194

2010-2011 Articulation Details by Discipline and Career Pathway

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

Hillsboro High School

Fall Term 2010

Art	(Arts & Communications)		
ART 218 Lettering Calligraphy I (2)	Calligraphy I	Cynthia Schubert	12 24
ART 220 Advanced Lettering and Seminar (2)	Advanced Calligraphy	Cynthia Schubert	1 2
Automotive Service Technology	(Industrial and Engineering)		
AM 108 Unit 8: Introduction to Automotive Systems I (4)	Automotive I	Glenn Campbell	0 0
Early Childhood Education	(Human Resources)		
ECE 120 Introduction to Early Education and Family Studies (3)	Child's World	Kelly Jett	20 60

Winter Term 2011

Automotive Service Technology	(Industrial and Engineering)		
AM 100 Introduction to Automotive (4)	Automotive I	Glenn Campbell	0 0
Early Childhood Education	(Human Resources)		
ECE 120 Introduction to Early Education and Family Studies (3)	Child's World	Kelly Jett	29 87
Landscape Technology	(Natural Resource Systems)		
CSS 200 Soils and Plant Nutrition (3)	Introduction to Horticulture	John Stables	0 0
LAT 106 Basic Horticulture (4)	Horticulture Technology I	John Stables	2 8
LAT 109 Plant Propagation (3)	Horticulture Technology II	John Stables	0 0

Spring Term 2011

Architectural Design & Drafting	(Industrial and Engineering)		
ARCH 101 Architectural Graphics 1 (3)	Architecture 1, 2	Don Domes	3 9
ARCH 111 Working Drawings 1 (3)	Architecture 2, 3	Don Domes	3 9
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	3 9
Automotive Service Technology	(Industrial and Engineering)		
AM 100 Introduction to Automotive (4)	Automotive I	Glenn Campbell	0 0
Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 117 Drafting Fundamentals (4)	Drafting 1	Don Domes	0 0
DRF 126 Introduction to AutoCAD (3)	Drafting 1, 2	Don Domes	0 0
DRF 133 Intermediate Drafting (4)	Drafting 2, 3	Don Domes	0 0
DRF 185 AutoCAD Inventor - Fundamentals (3)	Drafting 1, 2	Don Domes	0 0
DRF 270 SolidWorks Fundamentals (3)	SolidWorks	Don Domes	6 18

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered		(Career Pathway)	Duplicated Credits	
Discipline		High School Course Title	Instructor	Students Earned
Courses under Agreement (credits)				
Hillsboro High School				
Spring Term 2011 Continued...				
Early Childhood Education		(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Kelly Jett	22 66
ECE 132	Early Childhood Field Work (2)	Child Services I & II	Kelly Jett	9 18
Electrical Engineering Technology		(Industrial and Engineering)		
EET 111	Electrical Circuit Analysis I (5)	Electronics 2, 3	Don Domes	0 0
Landscape Technology		(Natural Resource Systems)		
LAT 106	Basic Horticulture (4)	Horticulture Technology I	John Stables	0 0
LAT 109	Plant Propagation (3)	Horticulture Technology II	John Stables	0 0
Microelectronics Technology		(None)		
MT 101	Intro to Semiconductor Manufacturing (1)	Electronic Technology 1	Don Domes	0 0
MT 102	Intro to Semiconductor Devices (1)	Electronic Technology 1	Don Domes	0 0
MT 103	Intro to Micro and Nano Processing (1)	Electronic 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				110 310

2010-2011 Articulation Details by Discipline and Career Pathway

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

Horizon Christian High School

Winter Term 2011

Math	(None)		
MTH 111C College Algebra for Math, Science & Engineering (5)	Pre-Calculus	Richard Espinoza	17 85
MTH 251 Calculus I (4)	Calculus	Richard Espinoza	6 24

Spring Term 2011

Math	(None)		
MTH 112 Elementary Functions (5)	Pre-Calculus	Richard Espinoza	15 75
MTH 252 Calculus II (5)	Calculus	Richard Espinoza	3 15

Not Offered

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

Summary for Horizon Christian High School	47 199
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2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered

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

Jefferson High School

Spring Term 2011

Dance

(Arts & Communications)

D 192A	Ballet I (1)	Ballet IV	Kristin Bacon	0	0
D 192B	Ballet II (1)	Ballet IV	Kristin Bacon	0	0
D 209	Dance Performance (3)	Jefferson Dancers	Steve Gonzales	2	6
D 252	Jazz Dance III (1)	Jazz Dance IV	Steve Gonzales	2	2
D 292	Ballet III (1)	Ballet IV	Kristin Bacon	0	0

Summary for Jefferson High School	4	8
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Winter Term 2011

General Science	(Natural Resource Systems)		
GS 108 Physical Science (Oceanography) (4)	Oceanography	Jeff Goodrich	16 64
History	(None)		
HST 201 History of the United States I (4)	AP U.S. History	Laura Paxson	21 84
Math	(None)		
MTH 251 Calculus I (4)	AP Calculus AB	Peter Dodson	9 36
Professional Music	(Arts & Communications)		
MUC 154A Band Performance Workshop (2)	Band Performance Workshop I	Dave Matthys	29 58

Spring Term 2011

General Science	(Natural Resource Systems)		
GS 108 Physical Science (Oceanography) (4)	Oceanography	Jeff Goodrich	1 4
History	(None)		
HST 202 History of the United States II (4)	AP U.S. History	Laura Paxson	5 20
HST 203 History of the United States III (4)	AP U.S. History	Laura Paxson	6 24
Math	(None)		
MTH 252 Calculus II (5)	AP Calculus AB	Peter Dodson	3 15
MTH 253 Calculus III (5)	AP Calculus BC	Peter Dodson	0 0
Professional Music	(Arts & Communications)		
MUC 154A Band Performance Workshop (2)	Band Performance Workshop I	Dave Matthys	16 32

Summary for Lake Oswego High School 106 337

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered	Discipline	(Career Pathway)	Duplicated Credits	Students	Earned
Courses under Agreement (credits)	High School Course Title	Instructor			
Lakeridge High School					
Winter Term 2011					
History		(None)			
HST 102 Western Civilization: Medieval to Early Modern Europe (4)	AP European History (First Semester)	Ryan Rosenau	40	160	
Math		(None)			
MTH 251 Calculus I (4)	AP Calculus AB	Terry Moore	54	216	
Spring Term 2011					
History		(None)			
HST 103 Western Civilization: Modern Europe (4)	AP European History (Second Semester)	Ryan Rosenau	31	124	
Math		(None)			
MTH 252 Calculus II (5)	AP Calculus AB	Terry Moore	47	235	
MTH 253 Calculus III (5)	AP Calculus BC	Terry Moore	7	35	
Music		(Arts & Communications)			
MUS 221 Chorus: Chamber Choir (1)	A Cappella Choir	William Campbell	11	11	
Summary for Lakeridge High School			190	781	

2010-2011 Articulation Details by Discipline and Career Pathway

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

Liberty High School

Winter Term 2011

Computer Applications and Office Systems

(Business & Management)

CAS 133	Basic Computer Skill/MS Office (4)	Basic Business & Computer Application	David Douglas	10	40
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Early Childhood Education

(Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	15	45
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Emergency Medical Technician

(Health Services)

EMT 120	Emergency Medical Service: First Responder (3)	Fire Science I	Rodney Linz	21	63
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Fire Protection

(Natural Resource Systems)

FP 101	Introduction to Fire Protection (3)	Fire Science I	Rodney Linz	21	63
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Rodney Linz	9	27

History

(None)

HST 201	History of the United States I (4)	History of the United States I	Adam Mahlum	52	208
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Spring Term 2011

Computer Applications and Office Systems

(Business & Management)

CAS 133	Basic Computer Skill/MS Office (4)	Basic Business & Computer Application	David Douglas	16	64
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Early Childhood Education

(Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	3	9
ECE 132	Early Childhood Field Work (2)	Child Services Focus Program	Jessica Ackerman	2	4

Emergency Medical Technician

(Health Services)

EMT 120	Emergency Medical Service: First Responder (3)	Fire Science I	Rodney Linz	1	3
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Fire Protection

(Natural Resource Systems)

FP 101	Introduction to Fire Protection (3)	Fire Science I	Rodney Linz	1	3
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Rodney Linz	0	0
FP 133	Wildland Firefighter (3)	Fire Science I	Rodney Linz	22	66
FP 280B	Cooperative Education: Fire Science -Seminar (2)	Fire Science I & II	Rodney Linz	32	64

Health

(Health Services)

HE 250	Personal Health (3)	Personal Health	David Herman	26	78
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History

(None)

HST 202	History of the United States II (4)	History of the United States II	Adam Mahlum	45	180
HST 203	History of the United States III (4)	History of the United States III	Adam Mahlum	42	168

2010-2011 Articulation Details by Discipline and Career Pathway

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

Liberty High School

Not Offered

Physics

(None)

PHY 101	Fundamentals of Physics I (4)	Conceptual Physics	Milton Scholl	0	0
PHY 103	Fundamentals of Physics III (4)	Conceptual Physics	Milton Scholl	0	0
PHY 211	General Physics (Calculus) (5)	AP Physics	Milton Scholl	0	0
PHY 213	General Physics (Calculus) (5)	AP Physics	Milton Scholl	0	0

Summary for Liberty High School	318	1,085
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Madison High School

Spring Term 2011

Medical Professions

(Health Services)

MP 111	Medical Terminology (4)	Health Services 7-8	Markeeta Koch	2	8
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Spanish

(None)

SPA 101	First Year Spanish: First Term (4)	Spanish 1-2	Marisol Rodriguez	44	176
SPA 102	First Year Spanish: Second Term (4)	Spanish 3-4	Marisol Rodriguez	42	168
SPA 103	First Year Spanish: Third Term (4)	Spanish 5-6	Marisol Rodriguez	15	60

Summary for Madison High School	103	412
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Marshall Campus - BizTech High School

Winter Term 2011

Biology		(None)	
BI 101	Biology (4)	Biology	Amy Lindahl 27 108

Spring Term 2011

Biology		(None)	
BI 102	Biology (4)	Biology	Amy Lindahl 16 64

Business Administration		(Business & Management)	
BA 111	Introduction to Accounting (3)	Accounting I-II	Clara Cook 16 48
BA 111	Introduction to Accounting (3)	Accounting I-II	Timothy Biamont 0 0

Computer Applications and Office Systems		(Business & Management)	
CAS 109	Beginning PowerPoint (1)	Digital Media/Power Skills	Timothy Biamont 0 0
CAS 109	Beginning PowerPoint (1)	Digital Media/Power Skills	Clara Cook 12 12
CAS 121	Beginning Keyboarding (3)	Digital Media/Power Skills	Clara Cook 12 36
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 11 44
CAS 170	Beginning Excel (3)	Computerized Accounting & Spreadsheets	Timothy Biamont 9 27

Summary for Marshall Campus - BizTech High School 103 339

Marshall - Renaissance Arts Academy

Spring Term 2011

History		(None)	
HST 201	History of the United States I (4)	US History/American Literature and Humanities	Colleen Loprinzi 22 88
HST 202	History of the United States II (4)	US History/American Literature and Humanities	Colleen Loprinzi 22 88
HST 203	History of the United States III (4)	US History/American Literature and Humanities	Colleen Loprinzi 22 88

Summary for Marshall Campus - Renaissance Arts Academy 66 264

2010-2011 Articulation Details by Discipline and Career Pathway

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

McMinnville High School

Spring Term 2011

Building Construction Technology

(Industrial and Engineering)

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

Engineering

(Industrial and Engineering)

ENGR 100 Exploring Engineering (1)	Survey of Engineering	Owen Griffiths	4	4
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English

(None)

ENG 104 Introduction to Literature (Fiction) (4)	Intro to Fiction	Kerrie Savage	31	124
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Environmental Studies

(Natural Resource Systems)

ESR 171 Environmental Science: Biological Perspectives (4)	AP Environmental Science	Laura Syring	13	52
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Not Offered

Engineering

(Industrial and Engineering)

ENGR 100 Exploring Engineering (1)	Survey of Engineering	David Shultheis	0	0
ENGR 101 Engineering Fundamentals (4)	Introduction to Engineering	David Shultheis	0	0

Summary for McMinnville High School	48	180
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2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered

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

Merlo Station High School

Spring Term 2011

Computer Applications and Office Systems

(Business & Management)

CAS 103 Introduction to Windows (1)	Computer Applications I	Nancy Smith	14	14
CAS 104 Basic Internet Skills (1)	Computer Applications II	Nancy Smith	5	5
CAS 109 Beginning PowerPoint (1)	Computer Applications II	Nancy Smith	6	6
CAS 121A Beginning Keyboarding (1)	Computer Applications I	Nancy Smith	14	14
CAS 133 Basic Computer Skill/MS Office (4)	Computer Applications II	Nancy Smith	6	24
CAS 216A Beginning Word (1)	Computer Applications I	Nancy Smith	13	13

Not Offered

Computer Applications and Office Systems

(Business & Management)

CAS 106 Introduction to X/HTML (1)	Web Design	Nancy Smith	0	0
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Summary for Merlo Station High School	58	76
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Mount Scott Learning Center

Spring Term 2011

Management and Supervisory Development	(Human Resources)		
MSD 121 Leadership Skill Development (3)	Leadership for Social Change	Sarah Kennedy	7 21
Summary for Mount Scott Learning Center			7 21

2010-2011 Articulation Details by Discipline and Career Pathway

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

Newberg Campus - Blue School

Winter Term 2011

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100 Machine Tool Basics (1)	Engineering/Metals	Terry Coss	13	13
MCH 105 Blueprint Reading I (1.5)	Engineering/Metals	Terry Coss	1	1.5
MCH 135 Basic Measuring Tools (1.5)	Engineering/Metals	Terry Coss	13	19.5
MCH 160 Drilling Machines & Operations (2)	Engineering/Metals	Terry Coss	14	28
MCH 175 Band Saws (1)	Engineering/Metals	Terry Coss	12	12
MCH 180 Turning Machines and Operations (4)	Engineering/Metals	Terry Coss	14	56
MCH 195 Threading on the Lathe (3)	Engineering/Metals	Terry Coss	14	42
MCH 205 Vertical Milling Machine and Operations (3.5)	Engineering/Metals	Terry Coss	12	42
MCH 210 Project Machine Technology IV (6)	Engineering/Metals	Terry Coss	2	12

Math

(None)

MTH 112 Elementary Functions (5)	Pre-Calculus A	Sharon Walesby	14	70
MTH 251 Calculus I (4)	Calculus I	Sharon Walesby	5	20

Spring Term 2011

Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 185 AutoCAD Inventor - Fundamentals (3)	AutoCAD Inventor	Terry Coss	9	27
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Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100 Machine Tool Basics (1)	Engineering/Metals	Terry Coss	10	10
MCH 105 Blueprint Reading I (1.5)	Engineering/Metals	Terry Coss	11	16.5
MCH 135 Basic Measuring Tools (1.5)	Engineering/Metals	Terry Coss	10	15
MCH 150 Precision Measuring Tools (1.5)	Engineering/Metals	Terry Coss	10	15
MCH 160 Drilling Machines & Operations (2)	Engineering/Metals	Terry Coss	10	20
MCH 175 Band Saws (1)	Engineering/Metals	Terry Coss	0	0
MCH 180 Turning Machines and Operations (4)	Engineering/Metals	Terry Coss	0	0
MCH 195 Threading on the Lathe (3)	Engineering/Metals	Terry Coss	0	0
MCH 205 Vertical Milling Machine and Operations (3.5)	Engineering/Metals	Terry Coss	0	0
MCH 210 Project Machine Technology IV (6)	Engineering/Metals	Terry Coss	1	6

Math

(None)

MTH 111C College Algebra for Math, Science & Engineering (5)	Pre-Calculus B	Sharon Walesby	14	70
MTH 252 Calculus II (5)	Calculus II	Sharon Walesby	4	20

Summary for Newberg Campus – Blue School	206	515.5
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Newberg Campus - Green School

Winter Term 2011

Math	(None)			
MTH 112 Elementary Functions (5)	Pre-Calculus A	Bruce Sinkbeil	11	55
MTH 251 Calculus I (4)	Calculus I	Bruce Sinkbeil	19	76

Spring Term 2011

English	(None)			
ENG 105 Introduction to Literature (Drama) (4)	Shakespeare	Drea Ferguson	34	136
Math	(None)			
MTH 111C College Algebra for Math, Science & Engineering (5)	Pre-Calculus B	Bruce Sinkbeil	10	50
MTH 252 Calculus II (5)	Calculus II	Bruce Sinkbeil	20	100

Summary for Newberg Campus – Green School	94	417
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Newberg Campus - Silver School

Winter Term 2011

Landscape Technology	(Natural Resource Systems)		
LAT 106 Basic Horticulture (4)	Intro to Horticultural Science	Peter Siderius	18 72
LAT 109 Plant Propagation (3)	Greenhouse	Peter Siderius	0 0
Welding	(Industrial and Engineering)		
WLD 111 SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding I	Daniel Evonuk	1 4

Spring Term 2011

English	(None)		
ENG 104 Introduction to Literature (Fiction) (4)	Advanced Senior English	Kristyn Westphal	50 200
ENG 105 Introduction to Literature (Drama) (4)	Advanced Senior English	Kristyn Westphal	50 200
ENG 213 Latin American Literature (4)	Latin American Literature	Kristyn Westphal	12 48
WR 121 English Composition (4)	Advanced Senior English	Kristyn Westphal	50 200
Landscape Technology	(Natural Resource Systems)		
LAT 106 Basic Horticulture (4)	Intro to Horticultural Science	Peter Siderius	0 0
LAT 109 Plant Propagation (3)	Greenhouse	Peter Siderius	7 21
Welding	(Industrial and Engineering)		
WLD 111 SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding I	Daniel Evonuk	0 0

Not Offered

Welding	(Industrial and Engineering)		
WLD 271 Oxy-acetylene Welding Projects (3)	Welding II	Daniel Evonuk	0 0

Summary for Newberg Campus – Silver School	188 745
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Open Meadow High School

Spring Term 2011

Management and Supervisory Development	(Human Resources)		
MSD 121 Leadership Skill Development (3)	Leadership for Social Change	Sarah Kennedy	6 18
Summary for Open Meadow High School			6 18

2010-2011 Articulation Details by Discipline and Career Pathway

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

PPS - Education Options

Winter Term 2011

Career Guidance & College Success	(None)		
CG 100B College Survival and Success (2)	College Survival and Success	David Wood	11 22
Summary for PPS – Education Options			11 22

2010-2011 Articulation Details by Discipline and Career Pathway

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

Portland YouthBuilders

Summer Term 2010

Building Construction Technology

(Industrial and Engineering)

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

Career Guidance & College Success

(None)

CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	11	33
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	Tom McKenna	15	15
CG 111A	Study Skills for College Learning (3)	Study Skills for College Learning	Tom McKenna	0	0

Fall Term 2010

Building Construction Technology

(Industrial and Engineering)

BCT 106	Hand Tool/Power Tool Use and Safety (3)	Tool Safety	Dale Allen	5	15
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	0	0
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	0	0

Career Guidance & College Success

(None)

CG 100A	College Survival and Success (3)	College Survival and Success	Tom McKenna	0	0
CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	1	3
CG 100C	College Survival and Success (1)	College Survival and Success	Tom McKenna	12	12
CG 111A	Study Skills for College Learning (3)	Study Skills for College Learning	Tom McKenna	0	0

Winter Term 2011

Building Construction Technology

(Industrial and Engineering)

BCT 104	Construction Mathematics (3)	Builders Math	Dale Allen	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Tool Safety	Dale Allen	3	9
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	0	0
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	0	0

Career Guidance & College Success

(None)

CG 100A	College Survival and Success (3)	College Survival and Success	Tom McKenna	0	0
CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	0	0
CG 111A	Study Skills for College Learning (3)	Study Skills for College Learning	Tom McKenna	0	0

2010-2011 Articulation Details by Discipline and Career Pathway

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

Portland YouthBuilders

Spring Term 2011

Building Construction Technology

(Industrial and Engineering)

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

Career Guidance & College Success

(None)

CG 100A	College Survival and Success (3)	College Survival and Success	Tom McKenna	0	0
CG 100A	College Survival and Success (3)	College Survival and Success	Annie Marges	6	18
CG 111A	Study Skills for College Learning (3)	Study Skills for College Learning	Tom McKenna	0	0

Management and Supervisory Development

(Human Resources)

MSD 121	Leadership Skill Development (3)	Leadership for Social Change	Sarah Kennedy	3	9
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Not Offered

Building Construction Technology

(Industrial and Engineering)

BCT 206	Sustainable Construction Practices (3)	Sustainable Construction Practices	Dale Allen	0	0
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Summary for Portland YouthBuilders	60	126
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Rex Putnam High School

Spring Term 2011

Theatre Arts	(Arts & Communications)		
TA 141 Fundamentals of Acting Techniques (4) Acting II		Kelley Marchant	23 92
Summary for Rex Putnam High School			23 92

2010-2011 Articulation Details by Discipline and Career Pathway

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

Riverdale High School

Fall Term 2010

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

2010-2011 Articulation Details by Discipline and Career Pathway

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

Roosevelt Campus - P.O.W.E.R. Academy

Spring Term 2011

Medical Professions

(Health Services)

MP 111	Medical Terminology (4)	Medical Terminology	Nancy Fiorante	0	0
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Summary for Roosevelt Campus – P.O.W.E.R. Academy	0	0
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Roosevelt Campus - S.E.I.S. High School

Not Offered

Criminal Justice

(Human Resources)

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	0	0
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Rosemary Anderson High School

Spring Term 2011

English

(None)

ENG 106	Introduction to Literature (Poetry) (4)	Intro to Literature (Poetry)	Allison deFreese	10	40
WR 121	English Composition (4)	Senior Honors Writing	Allison deFreese	4	16

Reading

(None)

RD 116	College Vocabulary Development (3)	College Vocabulary Development	Allison deFreese	16	48
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Summary for Rosemary Anderson High School	30	104
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Sabin - Schellenberg Center

Winter Term 2011

Fire Protection	(Natural Resource Systems)		
FP 101 Introduction to Fire Protection (3)	Fire Science I	Dennis Katz	22 66

Spring Term 2011

Architectural Design & Drafting	(Industrial and Engineering)		
ARCH 101 Architectural Graphics 1 (3)	Computer Aided Design II	Nancy Merchant	12 36
ARCH 111 Working Drawings 1 (3)	Computer Aided Design II	Nancy Merchant	12 36
ARCH 126 Introduction to AutoCAD (3)	Computer Aided Design I	Nancy Merchant	18 54

Building Construction Technology	(Industrial and Engineering)		
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Building Trades I & II	Rick Baggett	1 3

Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 126 Introduction to AutoCAD (3)	Computer Aided Design I	Nancy Merchant	6 18

Fire Protection	(Natural Resource Systems)		
FP 280B Cooperative Education: Fire Science -Seminar (2)	Fire Science I	Dennis Katz	17 34

Interior Design	(Arts & Communications)		
ID 131 Introduction to Interiors (3)	Interior Design II	Tami Beth Katz	6 18

Summary for Sabin – Schellenberg Center	94	265
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2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)	(Career Pathway) High School Course Title	Instructor	Duplicated Credits Students Earned
Sherwood High School			
Fall Term 2010			
Anthropology	(None)		
ATH 102 Intro Archaeology & Prehistory (4)	Archaeology	Brian Trostel	52 208
Architectural Design & Drafting	(Industrial and Engineering)		
ARCH 140 Introduction to CHIEF ARCHITECT (3)	Architecture 1	John Niebergall	20 60
Biology	(None)		
BI 121 Introduction of Human Anatomy and Physiology (4)	Introduction of Human Anatomy & Physiology	Lance Thurman	39 156
Building Construction Technology	(Industrial and Engineering)		
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Woods II, Basic Construction	Jon Dickover	2 6
Math	(None)		
MTH 111C College Algebra for Math, Science & Engineering (5)	Trigonometry & Pre-Calculus	Greg Ptaszynski	11 55
MTH 111C College Algebra for Math, Science & Engineering (5)	Trigonometry & Pre-Calculus	Teresa Swake	48 240
MTH 251 Calculus I (4)	AP Calculus	Teresa Swake	29 116
Winter Term 2011			
Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 117 Drafting Fundamentals (4)	Engineering 2	John Niebergall	51 204
DRF 270 SolidWorks Fundamentals (3)	Engineering 2	John Niebergall	49 147
Machine Manufacturing Technology	(None)		
MCH 229 Rapid Prototyping (5)	Engineering 4	John Niebergall	0 0
MCH 291 Laser Cutting and Engraving Fundamentals (1)	Engineering 3, 4, 5	John Niebergall	3 3
MCH 292 FDM Additive Manufacturing Fundamentals Orientation (1.5)	Engineering 3, 4, 5	John Niebergall	3 4.5
Math	(None)		
MTH 111C College Algebra for Math, Science & Engineering (5)	Trigonometry & Pre-Calculus	Teresa Swake	16 80
MTH 112 Elementary Functions (5)	Trigonometry & Pre-Calculus	Greg Ptaszynski	9 45
MTH 252 Calculus II (5)	AP Calculus	Teresa Swake	31 155
Medical Professions	(Health Services)		
MP 110 Basic Medical Terminology II (2)	Health Occupations A & B	Kari Turner	0 0

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)	(Career Pathway) High School Course Title	Instructor	Duplicated Credits Students Earned
Sherwood High School			
Spring Term 2011			
Anthropology	(None)		
ATH 102 Intro Archaeology & Prehistory (4)	Archaeology	Brian Trostel	23 92
Architectural Design & Drafting	(Industrial and Engineering)		
ARCH 111 Working Drawings 1 (3)	Architecture 2	John Niebergall	0 0
Biology	(None)		
BI 122 Introduction to Human Anatomy and Physiology II (4)	Human Anatomy & Physiology	Lance Thurman	39 156
Building Construction Technology	(Industrial and Engineering)		
BCT 106 Hand Tool/Power Tool Use and Safety (3)	Woods II, Basic Construction	Jon Dickover	1 3
Computer Applications and Office Systems	(Business & Management)		
CAS 170A Beginning Excel (1)	Computer Applications	Elizabeth Barrett	28 28
CAS 216A Beginning Word (1)	Computer Applications	Elizabeth Barrett	27 27
CAS 216A Beginning Word (1)	Architecture 2, Engineering 3, 4, 5	John Niebergall	38 38
Machine Manufacturing Technology	(None)		
MCH 229 Rapid Prototyping (5)	Engineering 4	John Niebergall	0 0
MCH 290 Mastercam Fundamentals Orientation (1)	Engineering 3, 4, 5	John Niebergall	0 0
Machine Manufacturing Technology	(None)		
MCH 291 Laser Cutting and Engraving Fundamentals (1)	Engineering 3, 4, 5	John Niebergall	23 23
MCH 292 FDM Additive Manufacturing Fundamentals Orientation (1.5)	Engineering 3, 4, 5	John Niebergall	23 34.5
MCH 294 3 Dimensional Digital Laser Scanning Fundamentals (1.5)	Engineering 3, 4, 5	John Niebergall	1 1.5
Math	(None)		
MTH 112 Elementary Functions (5)	Trigonometry & Pre-Calculus	Greg Ptaszynski	15 75
MTH 112 Elementary Functions (5)	Trigonometry & Pre-Calculus	Teresa Swake	47 235
MTH 253 Calculus III (5)	AP Calculus	Teresa Swake	25 125
Medical Professions	(Health Services)		
MP 111 Medical Terminology (4)	Health Occupations A & B	Kari Turner	0 0

2010-2011 Articulation Details by Discipline and Career Pathway

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

Sherwood High School

Not Offered

Math	(None)		
MTH 251 Calculus I (4)	AP Calculus	Greg Ptaszynski	0 0
MTH 252 Calculus II (5)	AP Calculus	Greg Ptaszynski	0 0
MTH 253 Calculus III (5)	AP Calculus	Greg Ptaszynski	0 0
Medical Professions	(Health Services)		
MP 109 Basic Medical Terminology I (2)	Health Occupations A & B	Kari Turner	0 0

Summary for Sherwood High School	653 2,317.5
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2010-2011 Articulation Details by Discipline and Career Pathway

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

South Albany High School

Fall Term 2010

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

Winter Term 2011

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

Spring Term 2011

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

Summary for South Albany High School **0 0**

2010-2011 Articulation Details by Discipline and Career Pathway

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

Southridge High School

Winter Term 2011

American Sign Language	(Human Resources)		
ASL 101 First Year American Sign Language I (4)	First Year ASL	Tom Wills	16 64
ASL 102 First Year American Sign Language II (4)	Second Year ASL	Tom Wills	15 60

Spring Term 2011

American Sign Language	(Human Resources)		
ASL 101 First Year American Sign Language I (4)	First Year ASL	Tom Wills	13 52
ASL 102 First Year American Sign Language II (4)	Second Year ASL	Tom Wills	9 36
ASL 103 First Year American Sign Language III (4)	Third Year ASL	Tom Wills	6 24

Summary for Southridge High School 59 236

2010-2011 Articulation Details by Discipline and Career Pathway

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

Sprague High School

Spring Term 2011

Building Construction Technology	(Industrial and Engineering)		
BCT 102 Residential Printreading (3)	Construction Print Reading	Mike Bishop	4 12
Summary for Sprague High School			4 12

2010-2011 Articulation Details by Discipline and Career Pathway

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

St. Helens High School

Winter Term 2011

Machine Manufacturing Technology

(Industrial and Engineering)

MCH 100 Machine Tool Basics (1)	Metals I - First Semester	Rory Lewno	36	36
MCH 105 Blueprint Reading I (1.5)	Metals I - First Semester	Rory Lewno	34	51
MCH 135 Basic Measuring Tools (1.5)	Metals I - First Semester	Rory Lewno	38	57
MCH 150 Precision Measuring Tools (1.5)	Metals I & Advanced Metals - Second Semester	Rory Lewno	4	6
MCH 160 Drilling Machines & Operations (2)	Metals I - First Semester	Rory Lewno	36	72
MCH 175 Band Saws (1)	Metals I - First Semester	Rory Lewno	36	36

Welding

(Industrial and Engineering)

WLD 111 SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals I - First Semester	Rory Lewno	33	132
WLD 112 SMAW: Mild Steel I (E7018) (4)	Metals I - First Semester	Rory Lewno	5	20
WLD 113 SMAW: Mild Steel II (E7018) (4)	Advanced Metals - First Semester	Rory Lewno	14	56
WLD 114 SMAW: Mild Steel III (E6011) (3)	Advanced Metals - First Semester	Rory Lewno	14	42
WLD 115 SMAW: Mild Steel IV (E6011) (3)	Advanced Metals - First Semester	Rory Lewno	14	42

Spring Term 2011

Architectural Design & Drafting

(Industrial and Engineering)

ARCH 111 Working Drawings 1 (3)	Advanced Technical Drawing	John Tainter	4	12
ARCH 140 Introduction to CHIEF ARCHITECT (3)	Advanced Technical Drawing	John Tainter	4	12

Automotive Service Technology

(Industrial and Engineering)

AM 100 Introduction to Automotive (4)	Automotive Technology II-IV	Mike Herdrich	10	40
AM 111 Engine Repair (4)	Automotive Technology I	Mike Herdrich	2	8
AM 151 Undercar Systems I (4)	Automotive Technology III-IV	Mike Herdrich	4	16
AM 161 Electrical I (4)	Automotive Technology III-IV	Mike Herdrich	1	4

Business Administration

(Business & Management)

BA 111 Introduction to Accounting (3)	Accounting	LeaAnne Bradford	0	0
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Computer Aided Design & Drafting

(Industrial and Engineering)

DRF 117 Drafting Fundamentals (4)	Technical Drawing I & II	John Tainter	4	16
DRF 270 SolidWorks Fundamentals (3)	SolidWorks Fundamentals	John Tainter	4	12

Computer Applications and Office Systems

(Business & Management)

CAS 121 Beginning Keyboarding (3)	Word Processing I	LeaAnne Bradford	0	0
CAS 133 Basic Computer Skill/MS Office (4)	Business Tech II	LeaAnne Bradford	0	0
CAS 170 Beginning Excel (3)	Spreadsheets	LeaAnne Bradford	0	0
CAS 216 Beginning Word (3)	Word Processing II	LeaAnne Bradford	0	0
CAS 216A Beginning Word (1)	Business Tech I	LeaAnne Bradford	0	0
OS 131 10-key on Calculators (1)	Business Tech II	LeaAnne Bradford	0	0

2010-2011 Articulation Details by Discipline and Career Pathway

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

St. Helens High School

Spring Term 2011 Continued...

Early Childhood Education

(Human Resources)

ECE 120 Introduction to Early Education and Family Studies (3)	Child Development I and II	Martine Barnett	17	51
ECE 132 Early Childhood Field Work (2)	ECE	Martine Barnett	7	14

Machine Manufacturing Technology

(Industrial and Engineering)

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	0	0
MCH 125 Speeds and Feeds (1)	Advanced Metals - Second Semester	Rory Lewno	0	0
MCH 145 Layout Tools (1.5)	Metals I - Second Semester	Rory Lewno	0	0
MCH 157 Project Machine Tech I (1.5)	Metals I & Advanced Metals - Second Semester	Rory Lewno	0	0
MCH 158 Project Machine Tech II (3)	Advanced Metals - Second Semester	Rory Lewno	0	0
MCH 180 Turning Machines and Operations (4)	Metals I - Second Semester	Rory Lewno	0	0
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)

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

Summary for St. Helens High School

321 735

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)	(Career Pathway) High School Course Title	Instructor	Duplicated Credits Students Earned
Sunset High School			
Winter Term 2011			
Career Guidance & College Success	(None)		
CG 100C College Survival and Success (1)	College Survival and Success	Emily Keys	14 14
Spring Term 2011			
Career Guidance & College Success	(None)		
CG 100C College Survival and Success (1)	College Survival and Success	Emily Keys	0 0
Computer Information Systems	(Industrial and Engineering)		
CIS 133J Java Programming I (4)	Java Programming	Jason Galbraith	5 20
Summary for Sunset High School			19 34

2010-2011 Articulation Details by Discipline and Career Pathway

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

Tigard High School

Winter Term 2011

Automotive Service Technology

(Industrial and Engineering)

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

Early Childhood Education

(Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Development I & II	Kara Alexander	13	39
ECE 132	Early Childhood Field Work (2)	Child Development I & II	Kara Alexander	13	26

History

(None)

HST 201	History of the United States I (4)	Advanced US History	Dave Unis	77	308
HST 201	History of the United States I (4)	Advanced US History	Murray Carlisle	53	212

Psychology

(Health Services)

PSY 201	Intro to Psychology - Part I (4)	IB Psychology I	Frank Caro	75	300
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Spring Term 2011

Automotive Service Technology

(Industrial and Engineering)

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

(None)

BI 101	Biology (4)	IB Bio I	Karen Harris	101	404
BI 102	Biology (4)	IB Bio II	Karen Harris	21	84
BI 103	Biology (4)	IB Bio II	Karen Harris	21	84

Early Childhood Education

(Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Development I & II	Kara Alexander	16	48
ECE 132	Early Childhood Field Work (2)	Child Development I & II	Kara Alexander	16	32

History

(None)

History

(None)

HST 202	History of the United States II (4)	Advanced US History	Dave Unis	80	320
HST 202	History of the United States II (4)	Advanced US History	Murray Carlisle	56	224
HST 203	History of the United States III (4)	Advanced US History	Dave Unis	80	320
HST 203	History of the United States III (4)	Advanced US History	Murray Carlisle	56	224

Psychology

(Health Services)

PSY 202	Intro to Psychology - Part II (4)	IB Psychology II	Frank Caro	40	160
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Summary for Tigard High School

719 2,789

2010-2011 Articulation Details by Discipline and Career Pathway

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

Tualatin High School

Spring Term 2011

Early Childhood Education

(Human Resources)

ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I & II	Sarah Lind	38	114
ECE 132	Early Childhood Field Work (2)	Child Services I & II	Sarah Lind	38	76

Summary for Tualatin High School	76	190
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2010-2011 Articulation Details by Discipline and Career Pathway

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

Vernonia High School

Not Offered

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

2010-2011 Articulation Details by Discipline and Career Pathway

Courses Offered Discipline Courses under Agreement (credits)	(Career Pathway) High School Course Title	Instructor	Duplicated Credits Students Earned
Westview High School			
Winter Term 2011			
Engineering	(Industrial and Engineering)		
ENGR 100 Exploring Engineering (1)	Exploring Engineering	Brian Gerber	11 11
English	(None)		
ENG 254 Survey of American Literature (4)	Senior English Seminar	Elizabeth Neely	19 76
Spring Term 2011			
Early Childhood Education	(Human Resources)		
ECE 120 Introduction to Early Education and Family Studies (3)	Child Development II	Claire Floyd	8 24
ECE 132 Early Childhood Field Work (2)	Child Development III	Claire Floyd	2 4
English	(None)		
WR 122 English Composition (4)	Advanced Senior English Seminar	Elizabeth Neely	19 76
Engineering	(Industrial and Engineering)		
ENGR 100 Exploring Engineering (1)	Exploring Engineering	Brian Gerber	8 8
Summary for Westview High School			67 199

2010-2011 Articulation Details by Discipline and Career Pathway

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

Wilsonville High School

Winter Term 2011

Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 117 Drafting Fundamentals (4)	Engineering	Judy Morris-Green	0 0
DRF 126 Introduction to AutoCAD (3)	Beginning CAD	Judy Morris-Green	7 21

Spring Term 2011

Computer Aided Design & Drafting	(Industrial and Engineering)		
DRF 117 Drafting Fundamentals (4)	Engineering	Judy Morris-Green	0 0
DRF 126 Introduction to AutoCAD (3)	Beginning CAD	Judy Morris-Green	8 24

Summary for Wilsonville High School	67 199
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