
2007-2008

Annual Report

Portland Community College
Dual Credit Program

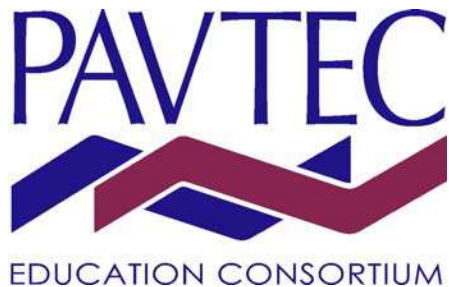


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CONNECTIONS

PAVTEC EDUCATION CONSORTIUM

The purpose of PAVTEC is to enhance the access of high school and PCC students to quality career and technical (vocational) education. This encompasses a broad scope ranging from career development and guidance programs to technical skill development instructional programs.

PAVTEC is a consortium composed of all of the K-12 school districts that are within the PCC district boundary, the College itself, and several other entities, whose common theme is career and technical education and workforce development.

The function of this report is to focus on the PCC Dual Credit articulation agreements between the college and partnering high school sites.

CONNECTIONS TEAMS MEETINGS

PAVTEC Connections Team meetings provide a forum for high school and Portland Community College faculty, administrators, career counselors and other interested individuals to discuss current issues and trends that educators and industry are encountering in preparing workers for the workforce. During the 2007-08 school year, there were 14 different Connections Teams meetings covering 24 different program areas with 264 total participants.

2007-08 CONNECTIONS MEETINGS		
Art	13 Participants	10 High Schools
Automotive Service Technology, Auto Body Repair & Diesel	17 Participants	6 High Schools
Building Construction & Building Inspection Technology	15 Participants	8 High Schools
Business, Marketing, Computer Applications & Office Systems	36 Participants	21 High Schools
Computer Technologies	12 Participants	5 High Schools
Criminal Justice	9 Participants	5 High Schools
Drafting, Architecture & Interior Design	20 Participants	10 High Schools
Early Childhood Education	49 Participants	18 High Schools
Graphic Design & Multimedia	17 Participants	10 High Schools
Health Occupations	28 Participants	12 High Schools
Landscape Technology	9 Participants	4 High Schools
Machine Manufacturing	22 Participants	10 High Schools
Welding	17 Participants	8 High Schools

CAREER PATHWAYS

Career Pathways is a systemic framework consisting of an articulated sequence of rigorous academic and career and technical courses beginning in the 9th grade and lead to a career goal. A strong connection exists between secondary and post-secondary institutions in aligning pathways to reduce redundancy and remediation as students progress down their pathway.



The following chart identifies the various pathways according to six focus areas. A description of each pathway can be found at www.pcc.edu/pavtec/pathways.

APPLIED ARTS & COMMUNICATIONS FOCUS AREA	BUSINESS & MANAGEMENT FOCUS AREA	HEALTH SERVICES FOCUS AREA	HUMAN SERVICES FOCUS AREA	INDUSTRIAL & ENGINEERING SYSTEMS FOCUS AREA	NATURAL RESOURCE SYSTEMS FOCUS AREA
Performing Arts Pathway	Management Pathway	Biotechnology & Research Pathway	Criminal Justice & Legal Services Pathway	Construction Pathway	Agriculture Pathway
Publishing & Broadcasting Pathway	Marketing Pathway	Diagnostic Pathway	Education Pathway	Engineering & Architecture Pathway	Environmental Services Pathway
Visual Arts Pathway	Finance Pathway	Health Infomatics Pathway	Family, Community & Social Services Pathway	Manufacturing Pathway	Food Science & Preparation Pathway
Information Technology Pathway	Hospitality & Tourism Pathway	Support Services Pathway	Emergency & Fire Services Pathway	Transportation Pathway	Natural Resource Management Pathway
		Therapeutic Pathway	Government & Public Administration Pathway		

So, are you prepared?

Not just for the next test or midterm. Not just for the big game.
But for life outside of school.

Will you choose a career that you love or find a job just to get by?

PCC DUAL CREDIT

WHAT IS IT?

The PCC Dual Credit Program whereby “articulated” college level courses are taught at the high school by high school teachers and are considered to be part of a college degree or certificate program. Having this opportunity provides students with a smooth transition from high school to college in a non-duplicative program of study.

Students can earn credit for:


- Career & Technical Education courses which lead to a degree or certificate, such as Computer Information Systems, Landscape Technology, Building Construction, Engineering, Microelectronics Technology and many more, or
- University Transfer courses that count toward a Bachelor’s degree in such subject areas as Writing, Math, History, American Sign Language and Biology.

BENEFITS TO STUDENTS

- Savings in time and money
- Motivation to stay in school
- Greater opportunity for student achievement
- Broader, stronger high school curriculum
- Increased readiness for college level work.

BENEFITS TO TEACHERS, SCHOOLS, AND THE COLLEGE

- Facilitation of productive interaction between high schools and the college for curriculum development while enhancing college-school-community relations
- Reduced redundancy of courses between high school and college
- Coordinated curriculum helps to assure students meet college standards
- Opportunities to address equity concerns sometimes caused by big school/small school or rich school/poor school issues



There were 26 new high school teachers approved to articulate PCC Dual Credit during the 2007-08 school year.

PCC DUAL CREDIT

The PCC Dual Credit Program consists of approximately 128 high school teachers whose high school courses are articulated with over 600 courses. The PCC Dual Credit program provides high school students with an early opportunity to earn college credit for advanced coursework they've completed while in high school.

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

SCHOOL YEAR	NUMBER OF ARTICULATING TEACHERS	UNDUPLICATED STUDENTS*	CREDITS EARNED
2003-04	125	1,672	12,691
2004-05	109	1,796	12,642
2005-06	130	1,624	11,754
2006-07	138	2,135	14,916
2007-08	128	1,870	13,886

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



In 2007-08, PCC Dual Credit involved
17 school districts,
43 high school sites,
128 articulating teachers,
169 articulation agreements, and
34 PCC programs.

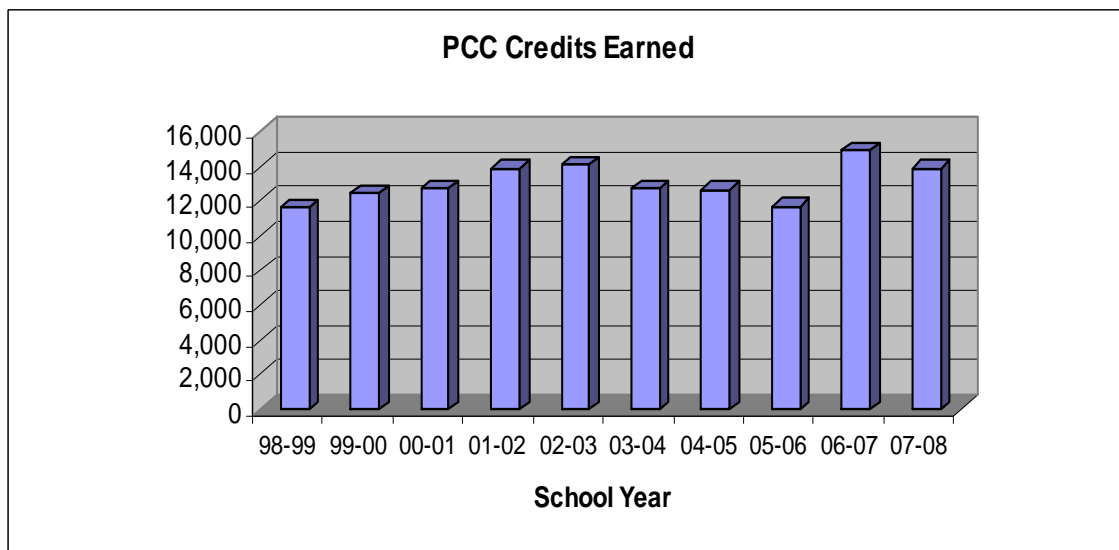
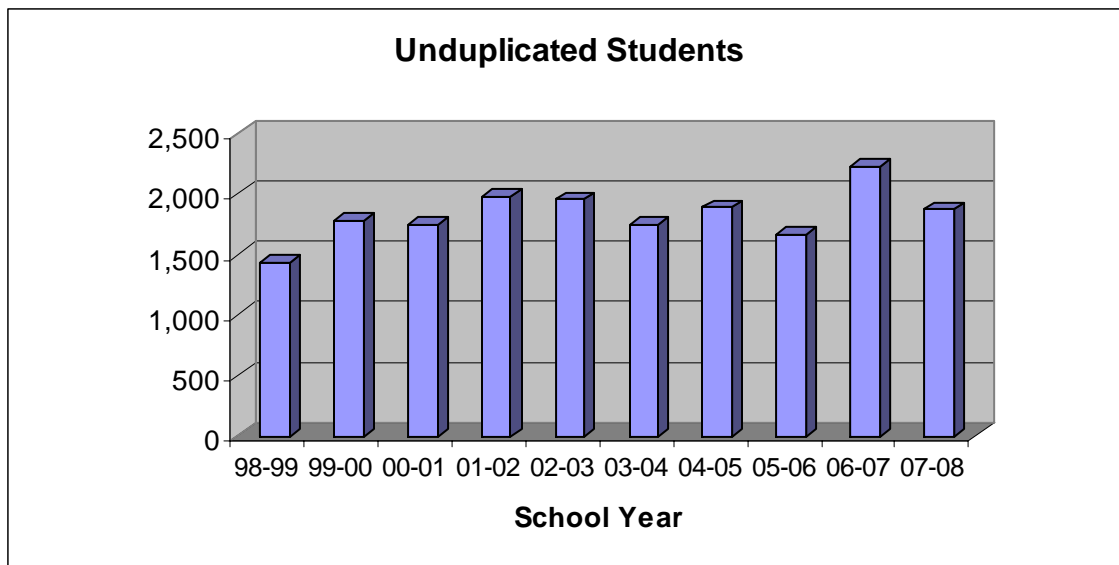
PCC DUAL CREDIT

The charts below summarize the details of the last ten years of unduplicated students and credits awarded. The program has maintained relatively consistent participation with a small decline last year (2007-08) over the previous peak (2006-07).

High schools and PCC can create a Dual Credit Articulation Agreement if two things occur:

1. A high school instructor holds the qualifications to teach at the community college level; and
2. The high school course overlaps in content and learner outcomes with the equivalent PCC course.

For more information on offering PCC Dual Credit, please contact Karen Jones at 503-614-7736/ kjones@pcc.edu or Jacqlyn Proper at 503-614-7737/ jstephan@pcc.edu, in the PAVTEC office.



SAVINGS & COSTS

SAVINGS & DIRECT COSTS TO STUDENTS BY HIGH SCHOOL

SCHOOL	UNDUPLICATED STUDENTS	CREDITS EARNED	COSTS*	SAVINGS**
Alliance at Meek	1	8	\$35	\$509
Aloha	73	421	\$2,555	\$26,073
Arts & Communications Magnet Academy	9	31	\$315	\$1,793
Banks	38	452	\$1,330	\$29,406
Beaverton	172	961	\$6,020	\$59,328
Benson	104	1,349	\$3,640	\$88,092
CAPITAL Center	61	567	\$2,135	\$36,421
Central Catholic	4	16	\$140	\$948
Century	31	113	\$1,085	\$6,599
Clark County Skills Center	17	51	\$595	\$2,873
Cleveland	57	352	\$1,995	\$21,941
Forest Grove	79	837	\$2,765	\$54,151
Franklin	112	396	\$3,920	\$23,008
Gaston	20	66	\$700	\$3,788
Gervais	5	15	\$175	\$845
Glencoe	59	318	\$2,065	\$19,559
Hillsboro	50	224	\$1,750	\$13,482
Horizon Christian	8	76	\$280	\$4,888
Jefferson	7	35	\$245	\$2,135
Lake Oswego	30	167	\$1,050	\$10,306
Lakeridge	67	512	\$2,345	\$32,471
Liberty	30	146	\$1,050	\$8,878
Madison	53	236	\$1,855	\$14,193
Marshall	31	215	\$1,085	\$13,535
McMinnville	11	44	\$385	\$2,607
Merlo Station	14	72	\$490	\$4,406
Newberg	110	1,148	\$3,850	\$74,214
North Marion	5	15	\$175	\$845

SAVINGS & COSTS

SCHOOL	UNDUPLICATED STUDENTS	CREDITS EARNED	COSTS*	SAVINGS**
PIVOT	5	40	\$175	\$2,545
Portland YouthBuilders	20	58	\$700	\$2,545
Riverdale	5	20	\$175	\$1,185
Roosevelt	0	0	\$0	\$0
Sabin-Schellenberg Center	20	61	\$700	\$3,448
Scappoose	0	0	\$0	\$0
Sherwood	44	318	\$1,540	\$20,084
Silverton	20	120	\$700	\$7,460
Southridge	44	132	\$1,540	\$7,436
St. Helens	83	1,144	\$2,905	\$74,887
Tigard	195	2,040	\$6,825	\$131,895
Tualatin	45	333	\$1,575	\$21,069
Westview	88	499	\$3,080	\$30,852
William P. Lord	12	180	\$420	\$11,820
Wilson	31	98	\$1,085	\$5,579
Totals	1,870	13,886	\$65,450	\$878,798

*Direct costs to each student: \$35 for all credits earned during the 2007-08 academic year.

**Savings to students equals total value of credits (at \$68 per credit) minus the \$35 fee charged to each student.

Tuition & Fees for 2008-2009 for 15 credits, resident rate:

Portland Community College	\$1,142
Portland State University	\$1,921
Oregon State University	\$2,062
University of Oregon	\$2,197
George Fox University	\$12,595 (semester)
Linfield	\$13,707 (semester)

SAVINGS & COSTS

SAVINGS & DIRECT COSTS TO STUDENTS BY SCHOOL DISTRICT

BEAVERTON SCHOOL DISTRICT	UNDUPLICATED STUDENTS	CREDITS EARNED	COSTS*	SAVINGS**
Aloha	73	241	\$2,555	\$26,073
Arts & Communications Magnet Academy	9	31	\$315	\$1,793
Beaverton	172	961	\$6,020	\$59,328
CAPITAL Center	61	567	\$2,135	\$36,421
Merlo Station	14	72	\$490	\$4,406
Southridge	44	132	\$1,540	\$7,436
Westview	88	499	\$3,080	\$30,852
Beaverton SD Totals	461	2,683	\$16,135	\$166,309

HILLSBORO SCHOOL DISTRICT	UNDUPLICATED STUDENTS	CREDITS EARNED	COSTS*	SAVINGS**
Century	31	113	\$1,085	\$6,599
Glencoe	59	318	\$2,065	\$19,559
Hillsboro	50	224	\$1,750	\$13,482
Liberty	30	146	\$1,050	\$8,878
Hillsboro SD Totals	170	801	\$5,950	\$48,518

LAKE OSWEGO SCHOOL DISTRICT	UNDUPLICATED STUDENTS	CREDITS EARNED	COSTS*	SAVINGS**
Lake Oswego	30	167	\$1,050	\$10,306
Lakeridge	67	512	\$2,345	\$32,471
Lake Oswego SD Totals	97	679	\$3,395	\$42,777

TIGARD—TUALATIN SCHOOL DISTRICT	UNDUPLICATED STUDENTS	CREDITS EARNED	COSTS*	SAVINGS**
Tigard	195	2,040	\$6,825	\$131,895
Tualatin	45	333	\$1,575	\$21,069
Tigard—Tualatin SD Totals	240	2,373	\$8,400	\$152,964

SAVINGS & COSTS

PORTLAND PUBLIC SCHOOLS	UNDUPLICATED STUDENTS	CREDITS EARNED	COSTS*	SAVINGS**
Alliance at Meek	1	8	\$35	\$509
Benson	104	1,349	\$3,640	\$88,092
Cleveland	57	352	\$1,995	\$21,941
Franklin	112	396	\$3,920	\$23,008
Jefferson	7	35	\$245	\$2,135
Madison	53	236	\$1,855	\$14,193
Marshall	31	215	\$1,085	\$13,535
PIVOT	5	40	\$175	\$2,545
Portland Youth Builders	20	58	\$700	\$3,244
Roosevelt	0	0	\$0	\$0
Wilson	31	98	\$1,085	\$5,579
Portland Public Schools Totals	421	2,787	\$14,735	\$174,781

*Direct costs to each student: \$35 for all credits earned during the 2007-08 academic year.

**Savings to students equals total value of credits (at \$68 per credit) minus the \$35 fee charged to each student.

In 2007-08, the PCC Dual Credit Program registered 1,870 high school students who earned 13,886 college credits.

This was a savings to students of \$878,798 in PCC tuition and generated approximately 418 community college FTE.

CAREER & TECHNICAL EDUCATION DUAL CREDIT

There were 1,146 career and technical education high school students who earned PCC Dual Credit during the 2007-08 school year, giving them a jump start on their post-secondary education. These students earned 7,282 career and technical education credits. The following chart details how many students and credits were awarded in the specific PCC career and technical education program areas.

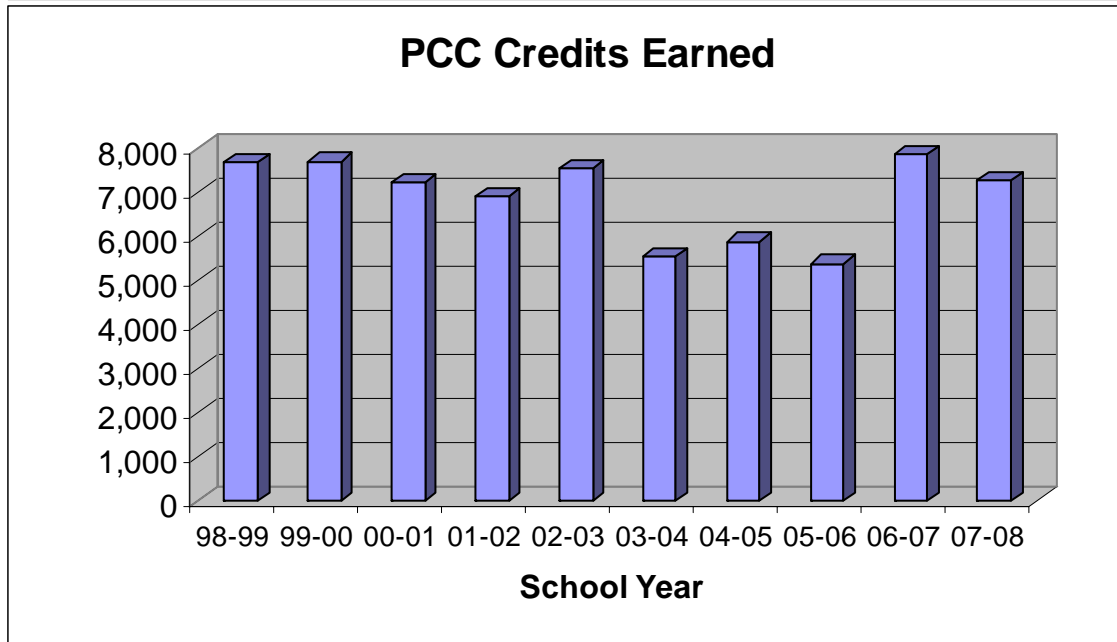
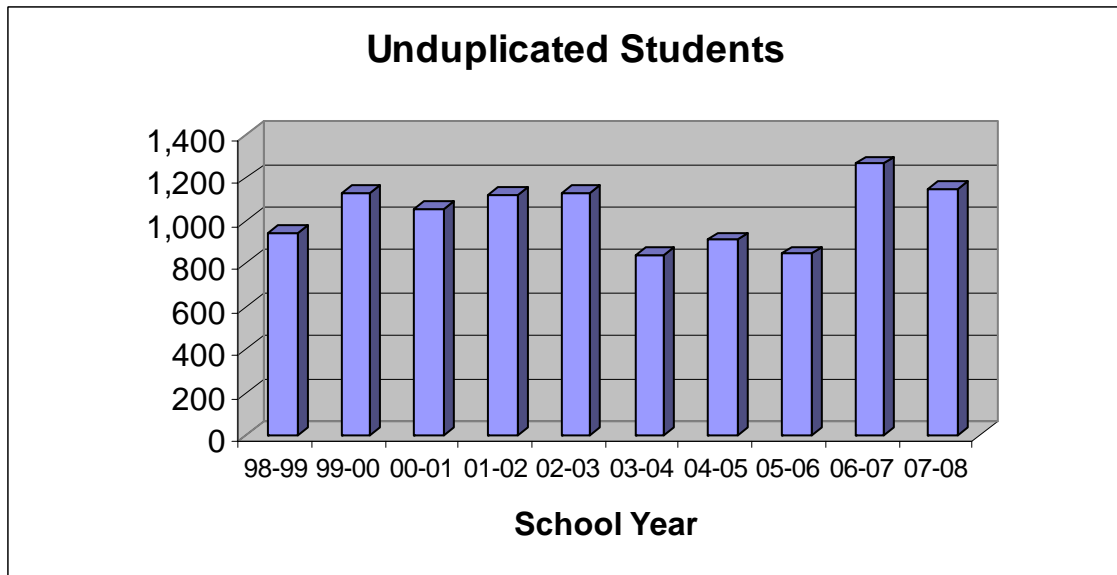
PCC CTE PROGRAM AREA	UNDUPLICATED STUDENTS*	CREDITS EARNED
Architectural Design & Drafting	51	213
Auto Collision Repair Technology	0	0
Automotive Service Technology	102	1,396
Aviation Maintenance Technology	0	0
Aviation Science	0	0
Building Construction Technology	71	531
Business Administration	60	180
Computer Applications Systems	321	1,043
Computer Information Systems	4	16
Criminal Justice	34	204
Drafting Technology & Design	86	480
Early Childhood Education	147	564
Electronic Engineering Technology	2	8
Emergency Medical Technology	36	108
Fire Protection	38	269
Horticulture	2	6
Interior Design	16	48
Landscape Technology	3	11
Machine Manufacturing Technology	66	657
Management & Supervisory Development	6	18
Medical Professions	147	588
Micro Electronics Technology	0	0
Office Systems	20	20
Professional Music	17	34
Trade Extension	5	20
Welding	89	768

CAREER & TECHNICAL EDUCATION DUAL CREDIT

LOOKING AT THE LAST FIVE YEARS

PARTICIPATION	SCHOOLS	ARTICULATING TEACHERS	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
2003-04	35	98	836	5,538	\$321,204
2004-05	33	76	909	5,881	\$364,622
2005-06	34	94	844	5,380	\$344,320
2006-07	38	97	1,262	7,864	\$526,888
2007-08	36	87	1,146	7,282	\$495,176

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



CAREER & TECHNICAL EDUCATION PCC COURSES

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

ARTS & COMMUNICATIONS			
Program Area	Course #	PCC Course Name	Credits
Graphic Design	GD 114	Introductory Typography	3
Interior Design	ID 131	Introduction to Interiors	3
Professional Music	MUC 154A	Band Performance Workshop I	2
BUSINESS & MANAGEMENT			
Program Area	Course #	PCC Course Name	Credits
Business Administration	BA 111	Introduction to Accounting	3
Computer Applications Systems/ Office Systems	CAS 103	Introduction to Windows	1
	CAS 104	Basic Internet Skills	1
	CAS 106	Introduction to X/HTML	1
	CAS 109	Beginning PowerPoint	1
	CAS 111D	Beginning Website: Dreamweaver	3
	CAS 111F	Beginning Website: FrontPage	3
	CAS 121	Beginning Keyboarding	3
	CAS 121A	Beginning Keyboarding	1
	CAS 133	Basic Computer Skills/MS Office	4
	CAS 140	Beginning Access	3
	CAS 170	Beginning Excel	3
	CAS 175	Introduction to Flash	3
	CAS 216	Beginning Word	3
	CAS 216A	Beginning Word	1
	CAS 230	PageMaker: WIN	3
	CAS 246	Integrated Computer Projects	4
	OS 131	10-Key Calculator	1
Management & Supervisory Development	MSD 101	Principles of Management/Supervision	3

CAREER & TECHNICAL EDUCATION PCC COURSES

HEALTH SERVICES			
Program Area	Course #	PCC Course Name	Credits
Dental Assisting	DA 140	Integrated Basic Science I	3
	DA 142	Integrated Basic Science II	2
	DA 150	Dental Office Procedures I	2
	DA 152	Dental Office Procedures II	2
Emergency Medical Technician	EMT 120	Emergency Medical Service: First Responder	3
Medical Assisting	BI 55	Human Biology	4
	MP 111	Medical Terminology	4
	MA 121	Legal and Ethical Aspects of Healthcare	3

HUMAN RESOURCES			
Program Area	Course #	PCC Course Name	Credits
Criminal Justice	CJA 100	Introduction to Professions in Criminal Justice	3
	CJA 111	Introduction to Criminal Justice—Police	3
	CJA 112	Introduction to Criminal Justice—Courts	3
	CJA 113	Introduction to Criminal Justice—Corrections	3
	CJA 215	Forensic Science & Criminalistics	3
Early Childhood Education	ECE 120	Introduction to Early Education and Family Studies	3
	ECE 133	Practicum I	3
Education	ED 109	Library Procedures	3
	ED 111	Selection of Library Materials	3

In 2007-08 there were 26 Career & Technical Education programs and 150 courses offered for dual credit.



CAREER & TECHNICAL EDUCATION PCC COURSES

INDUSTRIAL & ENGINEERING			
Program Area	Course #	PCC Course Name	Credits
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 137	AutoCAD Architectural Desktop	3
	ARCH 140	Introduction to CHIEF ARCHITECT	3
Auto Collision Repair Tech.	AB 110	Auto Painting IA	6
	AB 111	Auto Painting IB	6
Automotive Service Technology	AM 101	Unit 1: Engine Repair I	4
	AM 102	Unit 2: Electrical Systems I	4
	AM 103	Unit 3: Engine Performance I	4
	AM 104	Unit 4: Steering and Suspension Systems I	4
	AM 105	Unit 5: Brakes Systems I	4
	AM 106	Unit 6: Heating and Air Conditioning	4
	AM 108	Unit 8: Intro to Automotive Systems I	4
Aviation Maintenance Tech.	AMT 107	Materials & Processes	4
Aviation Science	AVS 120	Airplane: Private Pilot Ground School	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
	BCT 121	Wall Framing	3
	BCT 122	Roof Framing I	3
	BCT 127	Concrete Construction I	6
	BCT 128	Exterior Finish	6
	BCT 216	Cabinetry I	2

CAREER & TECHNICAL EDUCATION PCC COURSES

INDUSTRIAL & ENGINEERING (CONTINUED)			
Program Area	Course #	PCC Course Name	Credits
	BCT 217	Cabinetry II	2
	BCT 218	Woodworking Projects	2
Civil/Mechanical Engineering	CMET 113	Engineering Technology Graphics	3
	CMET 133	Materials Technology	3
Computer Information Systems	CIS 120	Computer Concepts I	4
	CIS 121	Computer Concepts II	4
	CIS 122	Software Design	4
	CIS 133B	Introduction to Visual Basic.NET Programming	4
	CIS 133J	Java Programming I	4
	CIS 133G	Intro to Games	4
Drafting Technology	DRF 117	Drafting Fundamentals	3
	DRF 126	Introduction to AutoCAD	3
	DRF 133	Intermediate Drafting	3
	DRF 135	Advanced Drafting I	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
Electronic Engineering Technology	EET 111	Electrical Circuit Analysis I	5
	EET 121	Digital Systems I	3
	EET 176	Digital Fundamentals	3
	EET 178	PC Architecture for Technicians	4
Engineering	ENGR 100	Exploring Engineering	1
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

CAREER & TECHNICAL EDUCATION PCC COURSES

INDUSTRIAL & ENGINEERING (CONTINUED)			
Program Area	Course #	PCC Course Name	Credits
	MCH 123	Sheet Metal Fabrication	4
	MCH 125	Speeds and Feeds	1
	MCH 135	Basic Measuring Tools	1.5
	MCH 145	Layout Tools	1.5
	MCH 150	Precision Measuring Tools	1.5
	MCH 157	Project Machine Tech I	1.5
	MCH 158	Project Machine Tech II	3
	MCH 160	Drilling Machines & Operations	2
	MCH 175	Band Saws	1.5
	MCH 180	Turning Machines and Operations	4
	MCH 195	Threading on the Lathe	3.5
	MCH 205	Vertical Milling Machine/Operations	3.5
	MCH 210	Projects Machine Technology IV	6
	MCH 272	Mastercam Level I	5
Microelectronics Technology	MT 100	Introduction to Microelectronics	3
	MT 111	Electronic Circuits & Devices I	4
	MT 121	Digital Systems I	3
Trade Extension	TE 9145	Electrical Motor Controls	2
	TE 9237	Refrigeration Electrical I	2
	TE 9238	Refrigeration Electrical II	2
	TE 9242	Refrigeration I	2
	TE 9243	Refrigeration II	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

CAREER & TECHNICAL EDUCATION PCC COURSES

INDUSTRIAL & ENGINEERING SYSTEMS (CONTINUED)

	WLD 141	Flux-cored Arc Welding I (Gas Shielded)	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	6
	WLD 271	Oxy-acetylene Welding Projects	3

NATURAL RESOURCES

Program Area	Course #	PCC Course Name	Credits
Fire Protection	FP 101	Introduction to Fire Protection	3
	FP 123	Hazardous Materials Technician I	3
	FP 133	Natural Cover/Forest Firefighting	3
	FP 280 B	Cooperative Education: Fire Protection	2
Landscape Technology	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
	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
	LAT 210	Plant Propagation I	3

UNIVERSITY TRANSFER DUAL CREDIT

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

PCC PROGRAM AREA	UNDUPLICATED STUDENTS*	CREDITS EARNED
American Sign Language	44	132
Art	35	94
Biology	186	1,072
Computer Science	0	0
Crop Soil Science	3	9
Dance	16	66
Education	6	24
English	122	640
General Science	2	8
Health	114	447
History	158	1,664
Japanese	0	0
Mathematics	209	1,775
Music	29	29
Physics	8	80
Psychology	56	224
Reading	0	0
Spanish	42	172
Writing	67	268

In 2007-08 there were 19 University Transfer programs and 53 courses offered for dual credit.

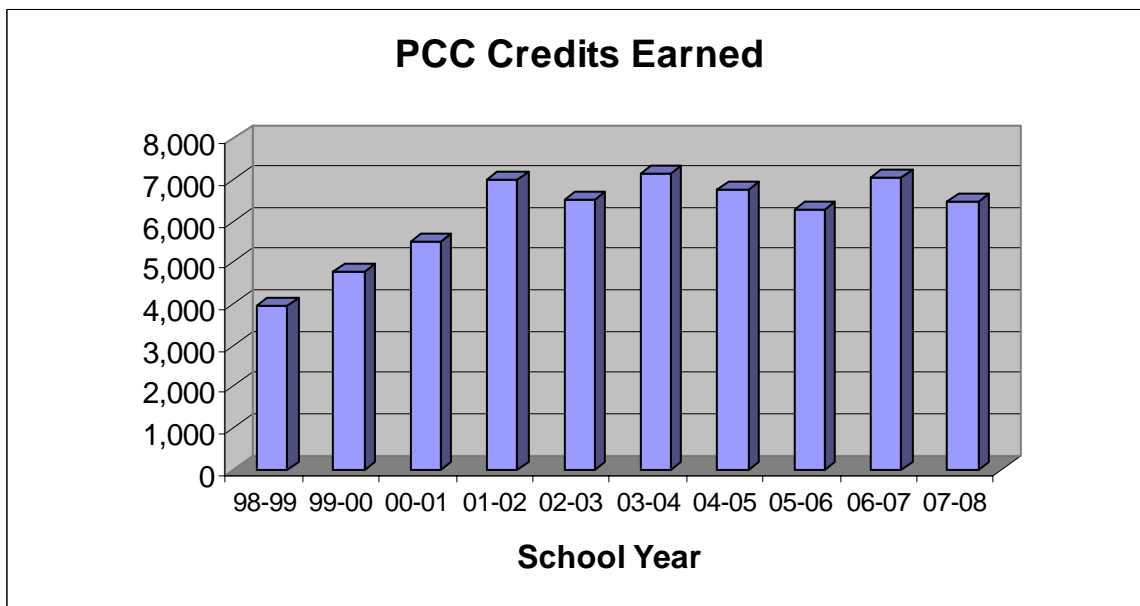
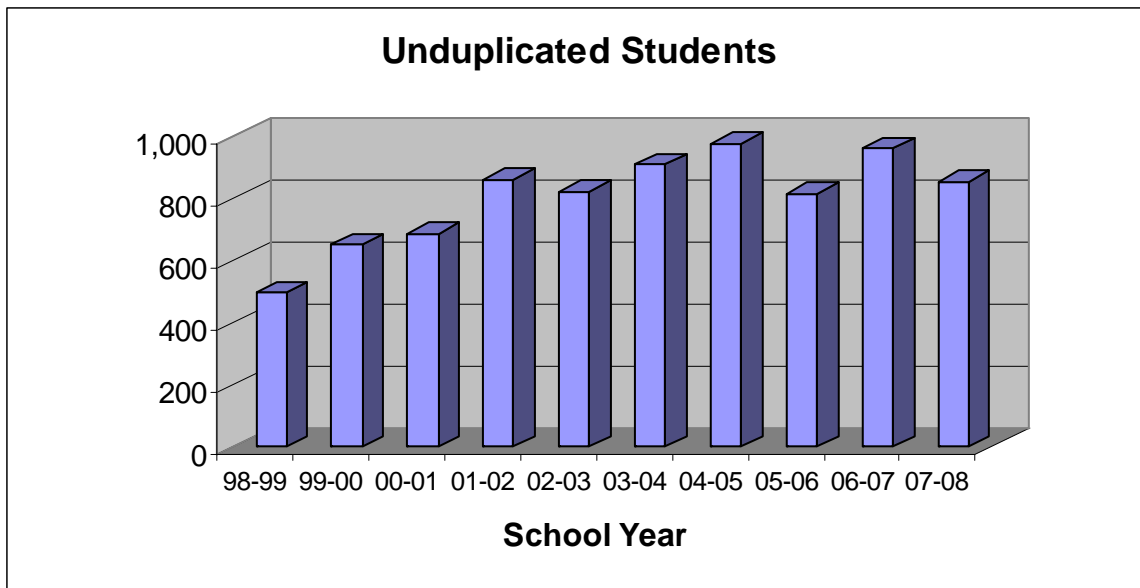


UNIVERSITY TRANSFER DUAL CREDIT

LOOKING AT THE LAST FIVE YEARS

PARTICIPATION	SCHOOLS	ARTICULATING TEACHERS	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
2003-04	15	27	909	7,152	\$414,816
2004-05	17	33	976	6,761	\$419,182
2005-06	20	36	815	6,275	\$401,600
2006-07	25	41	961	7,051	\$472,417
2007-08	29	41	855	6,492	\$441,456

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



UNIVERSITY TRANSFER COURSES DUAL CREDIT

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.

UNIVERSITY TRANSFER			
Program Area	Course #	PCC Course Name	Credits
American Sign Language	ASL 101	First Year American Sign Language I	3
	ASL 102	First Year American Sign Language II	3
	ASL 103	First Year American Sign Language III	3
Art	ART 131	Introduction to Drawing	3
	ART 142	Intro to Photography (Darkroom)	3
	ART 253	Ceramics I	3
	ART 256	Ceramics II	3
Biology	BI 101	Biology	4
	BI 102	Biology	4
	BI 103	Biology	4
	BI 121	Intro Human Anatomy & Physiology I	4
	BI 122	Intro Human Anatomy & Physiology II	4
	BI 198	Independent Study—Biology 1-4	4
Business Administration	BA 101	Introduction to Business	4
Chemistry	CH 100	Fundamentals for Chemistry	4
	CH 104	General Chemistry	5
	CH 105	General Chemistry	5
	CH 221	General Chemistry	5
	CH 222	General Chemistry	5
	CH 223	General Chemistry	5
Computer Science	CS 133G	Introduction to Computer Games	4
Counseling and Guidance	CG 100A	College Survival and Success	3
Dance	D 150	Jazz Dance I	1
	D 151	Jazz Dance II	1
	D 192A	Ballet I	1
	D 192B	Ballet II	1
	D192D	Modern Dance II	1

UNIVERSITY TRANSFER COURSES DUAL CREDIT

UNIVERSITY TRANSFER (CONTINUED)			
Program Area	Course #	PCC Course Name	Credits
	D 209	Dance Performance	3
	D 252	Jazz Dance III	1
	D 292	Ballet III	1
Education	ED 200	Introduction to Ed. for Paraeducators	4
	ED 224	Foundations of Education	3
English	ENG 104	Introduction to Literature (Fiction)	3
	ENG 105	Introduction to Literature (Drama)	3
	ENG 106	Introduction to Literature (Poetry)	3
Environmental Studies	ESR 150	Environmental Studies Orientation	1
	ESR 160	Introduction to Environmental Systems	4
	ESR 171	Envrmntl Science : Bio. Perspectives	4
Health Education	HE 112	First Aid and Emergency Care	1
	HE 250	Personal Health	3
	HE 252	First Aid—Basics and Beyond	4
History	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
Math	MTH 95	Intermediate Algebra	4
	MTH 111C	College Algebra for Science & Engineering	5
	MTH 112	Elementary Functions	5
	MTH 116	Calculus Preparation	5
	MTH 251	Calculus I	4
	MTH 252	Calculus II	5
	MTH 253	Calculus III	5
Music	MUS 110	Fundamentals of Music	3
Physical Education	PE 185A	Beginning Basketball	1
	PE 185D	Beginning Volleyball	1
	PE 185G	Beginning Soccer	1

UNIVERSITY TRANSFER COURSES DUAL CREDIT

UNIVERSITY TRANSFER (CONTINUED)			
Program Area	Course #	PCC Course Name	Credits
Physics	PHY 101	Fundamentals of Physics I	4
	PHY 102	Fundamentals of Physics II	4
	PHY 103	Fundamentals of Physics III	4
	PHY 201	General Physics	4
	PHY 202	General Physics	4
	PHY 203	General Physics	4
	PHY 211	General Physics (Calculus)	5
	PHY 213	General Physics (Calculus)	5
	Reading	RD 115	College Reading
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

For dual credit technical assistance,
contact the following:

Karen Jones
PAVTEC Partnerships Coordinator
503-614-7736
kjones@pcc.edu

Jacqlyn Proper
Administrative Assistant
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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 2007-2008 school year and the total number of credits earned and how many students registered for each course (represented here as duplicated students).

Page	Page
27 Alliance at Meek High School	55 McMinnville High School
28 Aloha High School	56 Merlo Station High School
29 Arts & Communication Magnet Academy	57 Newberg Campus
30 Banks High School	• Blue School
31 Beaverton High School	• Green School
32 Benson High School	• Red School
35 CAPITAL Center HS Technology Institute	• Silver School
36 Central Catholic High School	58 North Marion High School
37 Century High School	59 PIVOT
38 Clark County Skills Center	60 Portland YouthBuilders
39 Cleveland High School	61 Riverdale High School
40 Forest Grove High School	62 Roosevelt Campus
42 Franklin High School	• P.O.W.E.R. Academy
43 Gaston High School	• S.E.I.S. Academy
44 Gervais High School	63 Sabin-Schellenberg Center
45 Glencoe High School	64 Scappoose High School
47 Hillsboro High School	65 Sherwood High School
48 Horizon High School	66 Silverton High School
49 Jefferson High School	67 Southridge High School
50 Lake Oswego High School	68 St. Helens High School
51 Lakeridge High School	70 Tigard High School
52 Liberty High School	71 Tualatin High School
53 Madison 'S' High School	72 Westview High School
54 Marshall Campus	73 William P. Lord High School
• BizTech High School	74 Wilson High School

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
Alliance at Meek High School / Career & Technical Education				
Automotive Service Technology	(Industrial and Engineering)		8	2
AM 101	Unit 1: Engine Repair I (4)	Introduction to Engine Repair I, II	John Billups	0
AM 102	Unit 2: Electrical Systems I (4)	Electrical Systems I	John Billups	0
AM 103	Unit 3: Engine Performance I (4)	Intro to Auto Engine Tech I, II	John Billups	0
AM 105	Unit 5: Brakes Systems I (4)	Brakes I, II	John Billups	4
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Basic Auto Systems I, II	John Billups	4
Machine Manufacturing Technology	(Industrial and Engineering)		0	0
MCH 100	Machine Tool Basics (1)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 105	Blueprint Reading I (1.5)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 110	Blueprint Reading II (1.5)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 120	Machine Shop Math (2)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 125	Speeds and Feeds (1)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 135	Basic Measuring Tools (1.5)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 145	Layout Tools (1.5)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 150	Precision Measuring Tools (1.5)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 160	Drilling Machines & Operations (2)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 180	Turning Machines and Operations (4)	Manufacturing Technology I-VII	Paul Reetz	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Manufacturing Technology I-VII	Paul Reetz	0
Welding	(Industrial and Engineering)		0	0
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Manufacturing Technology I-VII	Paul Reetz	0
WLD 112	SMAW: Mild Steel I (E7018) (4)	Manufacturing Technology I-VII	Paul Reetz	0
WLD 113	SMAW: Mild Steel II (E7018) (4)	Manufacturing Technology I-VII	Paul Reetz	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Manufacturing Technology I-VII	Paul Reetz	0
WLD 131	Gas Metal Arc Welding (3)	Manufacturing Technology I-VII	Paul Reetz	0
WLD 271	Oxy-acetylene Welding Projects (3)	Manufacturing Technology I-VII	Paul Reetz	0
Summary for Alliance at Meek High School / Career & Technical Education			8	2

2007-2008 Articulation Details by Discipline and Career Focus Area

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

Aloha High School / Career & Technical Education

Automotive Service Technology			(Industrial and Engineering)		24	6
AM 102	Unit 2: Electrical Systems I (4)	Automotive Technology II	Louise Drow	0	0	
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	
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive Technology I	Louise Drow	24	6	

Computer Applications Systems / Office Systems			(Business & Management)		120	40
CAS 121	Beginning Keyboarding (3)	Keyboarding I	Jeff Smith	120	40	

Drafting Technology			(Industrial and Engineering)		274	78
ARCH 101	Architectural Graphics 1 (3)	Architecture Design II	Dennis Larsen	30	10	
ARCH 111	Working Drawings 1 (3)	Architecture Design I	Dennis Larsen	36	12	
DRF 117	Drafting Fundamentals (4)	Drafting I	Dennis Larsen	96	24	
DRF 126	Introduction to AutoCAD (3)	Drafting II	Dennis Larsen	48	16	
DRF 133	Intermediate Drafting (4)	Drafting II	Dennis Larsen	64	16	

Summary for Aloha High School / Career & Technical Education **418** **124**

Aloha High School / University Transfer

Health Education			(Health Services)		3	1
HE 250	Personal Health (3)	Health Topics: Advanced Health	Michael Halbrook	3	1	

Summary for Aloha High School / University Transfer **3** **1**

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
Arts & Communication Magnet Academy / University Transfer				
Dance	(Arts & Communications)		31	23
D 150	Jazz Dance I (1)	Beginner Dance	0	0
D 150	Jazz Dance I (1)	Beginner Dance	0	0
D 151	Jazz Dance II (1)	Intermediate Dance	0	0
D 151	Jazz Dance II (1)	Intermediate Dance	9	9
D 192D	Modern Dance II (1)	Advanced Dance	5	5
D 209	Dance Performance (3)	Performance Dance West/ Dance Ensemble	12	4
D 252	Jazz Dance III (1)	Advanced Dance	0	0
D 252	Jazz Dance III (1)	Advanced Dance	5	5
Summary for Arts & Communication Magnet Academy / University Transfer			31	23

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students	
Banks High School / Career & Technical Education					
Emergency Medical Technician		(Health Services)		12	4
EMT 120	Emergency Medical Service: First Responder (3)	Fire Fighter - Entry Level	Levi Eckhardt	12	4
Fire Protection Technology		(Natural Resource Systems)		36	13
FP 101	Introduction to Fire Protection (3)	Introduction to Fire Protection	Levi Eckhardt	12	4
FP 123	Hazardous Materials Technician I (3)	Hazardous Materials Technician I	Levi Eckhardt	12	4
FP 133	Natural Cover/Forest Firefighting (3)	Natural Cover/Forest Firefighting	Levi Eckhardt	6	2
FP 280B	Cooperative Education: Fire (2) Science - Seminar	Cooperative Education: Fire Science - Seminar	Levi Eckhardt	6	3
Welding		(Industrial and Engineering)		0	0
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals Fabrication	Tim Eggleston	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Welding	Tim Eggleston	0	0
Summary for Banks High School / Career & Technical Education			48	17	

Banks High School / University Transfer

Biology		(None)		216	54
BI 101	Biology (4)	Advanced Biology	Carol Pallett	80	20
BI 102	Biology (4)	Advanced Biology	Carol Pallett	68	17
BI 103	Biology (4)	Advanced Biology	Carol Pallett	68	17
English		(None)		188	47
ENG 104	Introduction to Literature (Fiction) (4)	Advanced English	Diane Coughlin	96	24
WR 121	English Composition (4)	Advanced English	Diane Coughlin	92	23
Summary for Banks High School / University Transfer			404	101	

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)			
Courses under Agreement (credits)		High School Course Title		Teacher	Duplicated Credits	Students
Beaverton High School / Career & Technical Education						
Computer Applications Systems / Office Systems				(Business & Management)		
					302	94
CAS 121	Beginning Keyboarding (3)	Keyboarding I		Julie Martin	222	74
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I		Julie Martin	12	3
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I		Kathryn Robinson	68	17
Drafting Technology				(Industrial and Engineering)		
					63	16
ARCH 111	Working Drawings 1 (3)	Architecture Design I		Paul Webb	0	0
DRF 117	Drafting Fundamentals (4)	Drafting I		Paul Webb	60	15
DRF 126	Introduction to AutoCAD (3)	Advanced Drafting		Paul Webb	3	1
Medical Professions				(Health Services)		
					420	105
BI 55	Human Biology (4)	Human Anatomy & Physiology		Matt Bayha	184	46
BI 55	Human Biology (4)	Human Anatomy & Physiology		Kathleen Newell	0	0
MP 111	Medical Terminology (4)	Health Careers		Paula Jacobs	144	36
MP 111	Medical Terminology (4)	Health Careers		Kathleen Newell	56	14
MP 111	Medical Terminology (4)	Health Careers		Andrea Ellis	0	0
MP 111	Medical Terminology (4)	Health Careers		Matt Bayha	36	9
Summary for Beaverton High School / Career & Technical Education					785	215

Beaverton High School / University Transfer

Health Education				(Health Services)		
					176	44
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
HE 252	First Aid - Basics and Beyond (4)	Health Careers		Paula Jacobs	176	44
Summary for Beaverton High School / University Transfer					176	44

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students	
Benson High School / Career & Technical Education					
Automotive Service Technology		(Industrial and Engineering)		1020	255
AM 101	Unit 1: Engine Repair I (4)	Automotive III	Brett Anderson	228	57
AM 102	Unit 2: Electrical Systems I (4)	Automotive IV	Brett Anderson	112	28
AM 103	Unit 3: Engine Performance I (4)	Automotive IV	Brett Anderson	112	28
AM 104	Unit 4: Steering and Suspension Systems I (4)	Automotive III	Brett Anderson	228	57
AM 105	Unit 5: Brakes Systems I (4)	Automotive III	Brett Anderson	228	57
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive IV	Brett Anderson	112	28
Building Construction Technology		(Industrial and Engineering)		15	5
BCT 102	Residential Printreading (3)	Building Construction	Tony Franciscone	6	2
BCT 102	Residential Printreading (3)	Building Construction	Joseph Mauck	0	0
BCT 102	Residential Printreading (3)	Building Construction	Richard Weber	0	0
BCT 104	Construction Mathematics (3)	Building Construction	Tony Franciscone	0	0
BCT 104	Construction Mathematics (3)	Building Construction	Joseph Mauck	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	Tony Franciscone	9	3
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Building Construction	Joseph Mauck	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	Tony Franciscone	0	0
BCT 120	Floor Framing (3)	Building Construction	Joseph Mauck	0	0
BCT 120	Floor Framing (3)	Building Construction	Richard Weber	0	0
BCT 121	Wall Framing (3)	Building Construction	Tony Franciscone	0	0
BCT 121	Wall Framing (3)	Building Construction	Joseph Mauck	0	0
BCT 121	Wall Framing (3)	Building Construction	Richard Weber	0	0
BCT 122	Roof Framing I (3)	Building Construction	Tony Franciscone	0	0
BCT 122	Roof Framing I (3)	Building Construction	Joseph Mauck	0	0
BCT 122	Roof Framing I (3)	Building Construction	Richard Weber	0	0
Computer Applications Systems / Office Systems		(Business & Management)		65	39
CAS 106	Introduction to X/HTML (1)	Introduction to X/HTML	Dave Thompson	13	13
CAS 109	Beginning PowerPoint (1)	Beginning PowerPoint	Dave Thompson	13	13
CAS 111D	Beginning Website: Dreamweaver (3)	Beginning Website Creation	Dave Thompson	39	13
Drafting Technology		(Industrial and Engineering)		0	0
DRF 117	Drafting Fundamentals (4)	Engineering Drawing	David Shaw	0	0
DRF 126	Introduction to AutoCAD (3)	Engineering Drawing	David Shaw	0	0
DRF 133	Intermediate Drafting (4)	Engineering Drawing	David Shaw	0	0
DRF 135	Advanced Drafting I (4)	Engineering Drawing	David Shaw	0	0
DRF 136	Intermediate AutoCAD (3)	Engineering Drawing	David Shaw	0	0
DRF 246	AutoCAD 3-D and Solid Modeling (3)	Engineering Drawing	David Shaw	0	0

2006-2007 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Benson High School / Career & Technical Education					
Electronic Engineering Technology			(Industrial and Engineering)		8 2
EET 111	Electrical Circuit Analysis I (5)		Electronic Engineering III	Moses Davis	0 0
EET 121	Electrical Circuit Analysis II (5)		Electronic Engineering IV	Moses Davis	0 0
EET 178	PC Architecture for Technicians (4)		Micro Computer Technology IV	Moses Davis	8 2
Emergency Medical Technician			(Health Services)		18 6
EMT 120	Emergency Medical Service: First Responder (3)		Emergency Medicine/Public Health	Don Levine	18 6
Machine Manufacturing Technology			(Industrial and Engineering)		83 38
MCH 100	Machine Tool Basics (1)		Manufacturing IV	Barth Clooten	3 3
MCH 100	Machine Tool Basics (1)		Manufacturing IV	Joseph Mauck	0 0
MCH 105	Blueprint Reading I (1.5)		Manufacturing IV	Barth Clooten	4.5 3
MCH 105	Blueprint Reading I (1.5)		Manufacturing IV	Joseph Mauck	0 0
MCH 110	Blueprint Reading II (1.5)		Manufacturing IV	Barth Clooten	4.5 3
MCH 110	Blueprint Reading II (1.5)		Manufacturing IV	Joseph Mauck	0 0
MCH 120	Machine Shop Math (2)		Manufacturing IV	Barth Clooten	6 3
MCH 120	Machine Shop Math (2)		Manufacturing IV	Joseph Mauck	0 0
MCH 123	Sheet Metal Fabrication (4)		Manufacturing III	Barth Clooten	20 5
MCH 123	Sheet Metal Fabrication (4)		Manufacturing III	Joseph Mauck	0 0
MCH 125	Speeds and Feeds (1)		Manufacturing IV	Barth Clooten	3 3
MCH 125	Speeds and Feeds (1)		Manufacturing IV	Joseph Mauck	0 0
MCH 135	Basic Measuring Tools (1.5)		Manufacturing IV	Barth Clooten	4.5 3
MCH 135	Basic Measuring Tools (1.5)		Manufacturing IV	Joseph Mauck	0 0
MCH 145	Layout Tools (1.5)		Manufacturing IV	Barth Clooten	4.5 3
MCH 145	Layout Tools (1.5)		Manufacturing IV	Joseph Mauck	0 0
MCH 150	Precision Measuring Tools (1.5)		Manufacturing IV	Barth Clooten	4.5 3
MCH 150	Precision Measuring Tools (1.5)		Manufacturing IV	Joseph Mauck	0 0
MCH 160	Drilling Machines & Operations (2)		Manufacturing IV	Barth Clooten	6 3
MCH 160	Drilling Machines & Operations (2)		Manufacturing IV	Joseph Mauck	0 0
MCH 180	Turning Machines and Operations (4)		Manufacturing IV	Barth Clooten	12 3
MCH 180	Turning Machines and Operations (4)		Manufacturing IV	Joseph Mauck	0 0
MCH 205	Vertical Milling Machine and Operations (3.5)		Manufacturing IV	Barth Clooten	10.5 3
MCH 205	Vertical Milling Machine and Operations (3.5)		Manufacturing IV	Joseph Mauck	0 0
MCH 272	Mastercam Level I (5)		Manufacturing III	Barth Clooten	25 5
MCH 272	Mastercam Level I (5)		Manufacturing III	Joseph Mauck	0 0
Medical Professions			(Health Services)		60 15
MP 111	Medical Terminology (4)		Medical Terminology	Sally Niedermeyer	60 15
MP 111	Medical Terminology (4)		Medical Terminology	Markeeta Koch	0 0

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students	
Benson High School / Career & Technical Education					
Microelectronics Technology			(Industrial and Engineering)		
MT 111	Electronic Circuits & Devices I (4)	Electronic Engineering III	Moses Davis	0	0
MT 121	Digital Systems I (3)	Electronic Engineering IV	Moses Davis	0	0
Trade Extension			(Industrial and Engineering)		
TE 9145	Electrical Motor Controls (2)	Electronic Motor Controls	Tim Hryciw	10	5
TE 9237	Refrigeration Electrical I (2)	Refrigeration Electrical I	Tim Hryciw	10	5
TE 9238	Refrigeration Electrical II (2)	Refrigeration Electrical II	Tim Hryciw	0	0
TE 9242	Refrigeration I (2)	Refrigeration I	Tim Hryciw	0	0
TE 9243	Refrigeration II (2)	Refrigeration II	Tim Hryciw	0	0
Welding			(Industrial and Engineering)		
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Manufacturing III	Barth Clooten	20	5
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Manufacturing III	Joseph Mauck	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Manufacturing III	Barth Clooten	15	5
WLD 271	Oxy-acetylene Welding Projects (3)	Manufacturing III	Joseph Mauck	0	0
Summary for Benson High School / Career & Technical Education				1349	385

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students	
CAPITAL Center HS Technology Institute / Career & Technical Education					
Automotive Service Technology			(Industrial and Engineering)		92 23
AM 102	Unit 2: Electrical Systems I (4)	Automotive Technology I	Louise Drow	28	7
AM 103	Unit 3: Engine Performance I (4)	Automotive Technology II	Louise Drow	4	1
AM 104	Unit 4: Steering and Suspension Systems I (4)	Automotive Technology II	Louise Drow	24	6
AM 105	Unit 5: Brakes Systems I (4)	Automotive Technology I	Louise Drow	8	2
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive Technology I	Louise Drow	28	7
Criminal Justice			(Human Resources)		153 51
CJA 111	Introduction to Criminal Justice System - Police (3)	Law Enforcement	Ed Vance	51	17
CJA 112	Introduction to Criminal Justice System-Courts (3)	Law Enforcement	Ed Vance	51	17
CJA 113	Introduction to Criminal Justice System-Corrections (3)	Law Enforcement	Ed Vance	51	17
Emergency Medical Technician			(Health Services)		78 26
EMT 120	Emergency Medical Service (3) First Responder	Fire Science I	Rodney Linz	78	26
Fire Protection Technology			(Natural Resource Systems)		220 82
FP 101	Introduction to Fire Protection (3)	Fire Science I	Rodney Linz	78	26
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Rodney Linz	12	4
FP 133	Natural Cover/Forest Firefighting (3)	Fire Science I	Rodney Linz	78	26
FP 280B	Cooperative Education: Fire (2) Science Seminar	Fire Science I	Rodney Linz	52	26
Summary for CAPITAL Center HS Technology Institute / Career & Technical Education				543	182
CAPITAL Center HS Technology Institute / University Transfer					
Education			(Human Resources)		24 6
ED 200	Intro to ED for Paraeducators (4)	Teaching as a Profession	Tony Cox	24	6
Summary for CAPITAL Center HS Technology Institute / University Transfer				24	6

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Central Catholic High School / Career & Technical Education					
Computer Information Systems			(Industrial and Engineering)		16 4
CIS 133B	Introduction to Visual Basic.NET Programming (4)		Programming I	Jerry Kearns	16 4
Summary for Central Catholic High School / Career & Technical Education					16 4

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)			
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits	Students
Century High School / Career & Technical Education						
Computer Applications Systems / Office Systems				(Business & Management)		
CAS 133	Basic Computer Skill/MS Office (4)	Basic Business & Computer Applications		Raya Nichols	52	13
					52	13
Early Childhood Education				(Human Resources)		
ECE 120	Introduction to Early Education and Family Studies (3)	Child Services I		Alia Laack	3	1
ECE 133	Practicum I (3)	Child Services II		Alia Laack	6	2
Medical Professions				(Health Services)		
MP 111	Medical Terminology (4)	Health Services II		Rachelle Carnes	28	7
					28	7
Summary for Century High School / Career & Technical Education					89	23

Century High School / University Transfer

Health Education				(Health Services)		
HE 250	Personal Health (3)	Anatomy & Physiology/Health Services I		Rachelle Carnes	24	8
HE 252	First Aid - Basics and Beyond (4)	Health Services I		Rachelle Carnes	0	0
Summary for Century High School / University Transfer					24	8

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)		High School Course Title	Teacher	Duplicated Credits	Students
Clark County Skills Center / Career & Technical Education					
Criminal Justice			(Human Resources)	51	17
CJA 111	Introduction to Criminal Justice System - Police (3)	Criminal Justice I	Ron Epperson	36	12
CJA 112	Introduction to Criminal Justice System-Courts (3)	Criminal Justice II	Ron Epperson	15	5
Summary for Clark County Skills Center / Career & Technical Education				51	17

2007-2008 Articulation Details by Discipline and Career Focus Area

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

Cleveland High School / Career & Technical Education

Business Administration		(Business & Management)		57	19
BA 111	Introduction to Accounting (3)	Accounting I-II	Claudine Werner	57	19
Computer Applications Systems / Office Systems		(Business & Management)		33	17
CAS 109	Beginning PowerPoint (1)	Computer Applications I-II	Zita Podany	8	8
CAS 121	Beginning Keyboarding (3)	Intro to Business & Technology	Claudine Werner	0	0
CAS 216	Beginning Word (3)	Computer Applications I-II	Zita Podany	24	8
CAS 216A	Beginning Word (1)	Computer Applications I-IV	Zita Podany	1	1
CAS 216A	Beginning Word (1)	Computer Applications I-IV	Claudine Werner	0	0
Summary for Cleveland High School / Career & Technical Education				90	36

Cleveland High School / University Transfer

Mathematics		(None)		262	58
MTH 251	Calculus I (4)	International Baccalaureate Math (SL)	Kari Freeman	112	28
MTH 252	Calculus II (5)	Advanced Placement Calculus (AB)	Kari Freeman	135	27
MTH 253	Calculus III (5)	International Baccalaureate Math (HL)	Natasha Khvilivitsky	15	3
Summary for Cleveland High School / University Transfer				262	58

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		Duplicated
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
Forest Grove High School / Career & Technical Education					
Automotive Service Technology		(Industrial and Engineering)		16	8
AM 101	Unit 1: Engine Repair I (4)	Auto Tech I	Tom Redwine	4	1
AM 102	Unit 2: Electrical Systems I (4)	Electrical System/Auto Tech I-II	Tom Redwine	4	1
AM 105	Unit 5: Brakes Systems I (4)	Auto Tech I-II	Tom Redwine	4	1
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Auto Tech I	Tom Redwine	4	1
Building Construction Technology		(Industrial and Engineering)		303	87
BCT 102	Residential Printreading (3)	Architectural Drawing I & II	Chuck Thurber	9	3
BCT 104	Construction Mathematics (3)	Advanced Building Construction	Chris Higginbotham	42	14
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Advanced Building Construction	Chris Higginbotham	42	14
BCT 120	Floor Framing (3)	Advanced Building Construction	Chris Higginbotham	42	14
BCT 121	Wall Framing (3)	Advanced Building Construction	Chris Higginbotham	42	14
BCT 122	Roof Framing I (3)	Advanced Building Construction	Chris Higginbotham	42	14
BCT 128	Exterior Finish (6)	Advanced Building Construction	Chris Higginbotham	84	14
BCT 216	Cabinetry I (2)	Woods III	Chuck Thurber	0	0
Business Administration		(Business & Management)		18	6
BA 111	Introduction to Accounting (3)	Accounting I	Theresa Broeren	18	6
Computer Applications Systems / Office Systems		(Business & Management)		74	28
CAS 109	Beginning PowerPoint (1)	Computer Applications/Comp. Apps. for Bus. Word Processing	Theresa Broeren	0	0
CAS 111F	Beginning WebSite: FrontPage (3)	Webpage Design	Theresa Broeren	51	17
CAS 133	Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Theresa Broeren	16	4
CAS 216A	Beginning Word (1)	Computer Applications for Business Word Processing	Theresa Broeren	7	7
Drafting Technology		(Industrial and Engineering)		0	0
ARCH 111	Working Drawings 1 (3)	Architectural Drafting I/II	Chuck Thurber	0	0
DRF 117	Drafting Fundamentals (4)	Drafting I & II	Chuck Thurber	0	0
DRF 133	Intermediate Drafting (4)	Drafting II & III	Chuck Thurber	0	0
Early Childhood Education		(Human Resources)		18	6
ECE 120	Introduction to Early Education and Family Studies (3)	Childcare III	Lisa Weisenfluh	9	3
ECE 133	Practicum I (3)	Childcare III	Lisa Weisenfluh	9	3
Landscape Technology		(Natural Resource Systems)		6	2
HOR 290	Introduction to Landscape Design	Landscape Design & Nursery Production	Charlie Vandehey	6	2
LAT 109	Plant Propagation (3)	Intro to Horticulture/Exploring Plants	Jami Duyck	0	0
LAT 109	Plant Propagation (3)	Intro to Horticulture/Exploring Plants	Charlie Vandehey	0	0

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Forest Grove High School / Career & Technical Education					
Medical Professions			(Health Services)		44 11
BI 55	Human Biology (4)		Anatomy & Physiology	Ron Romanick	28 7
MP 111	Medical Terminology (4)		Medical Terminology	Ron Romanick	16 4
Welding			(Industrial & Engineering)		0 0
WLD 111	SMAW: Mild Steel (E7024) (4) & Oxy-acetylene Cutting		Metals II	Jami Duyck	0 0
Summary for Forest Grove High School / Career & Technical Education					479 144

Forest Grove High School / University Transfer

Crop Soil Science			(None)		0 0
CSS 200	Soils and Plant Nutrition (3)		Ag I/Biotechnology/Ag III	Jami Duyck	0 0
CSS 200	Soils and Plant Nutrition (3)		Ag I/Biotechnology/Ag III	Charlie Vandehey	0 0
Mathematics			(None)		358 73
MTH 111C	College Algebra for Math, Science & Engineering (5)		Pre-Calculus	Pete Rusaw	0 0
MTH 111C	College Algebra for Math, Science & Engineering (5)		Pre-Calculus	Mike Wanner	155 31
MTH 112	Elementary Functions (5)		Pre-Calculus	Pete Rusaw	0 0
MTH 112	Elementary Functions (5)		Pre Calculus	Mike Wanner	145 29
MTH 251	Calculus I (4)		Advanced Placement Calculus	Pete Rusaw	28 7
MTH 251	Calculus I (4)		Advanced Placement Calculus	Mike Wanner	0 0
MTH 252	Calculus II (5)		Advanced Placement Calculus	Pete Rusaw	30 6
MTH 252	Calculus II (5)		Advanced Placement Calculus	Mike Wanner	0 0
Summary for Forest Grove High School / University Transfer					358 73

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		Duplicated
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
Franklin High School / Career & Technical Education					
Business Administration		(Business & Management)		30	10
BA 111	Introduction to Accounting (3)	Accounting I-II	Theresa Hawkins	30	10
Computer Applications Systems / Office Systems		(Business & Management)		152	108
CAS 109	Beginning PowerPoint (1)	Computer Applications I	Theresa Hawkins	42	42
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I & II, Office Technology	Theresa Hawkins	56	14
CAS 216	Beginning Word (3)	Computer Applications I & II, Office Technology	Theresa Hawkins	3	1
CAS 216A	Beginning Word (1)	Computer Applications I & II,	Theresa Hawkins	41	41
OS 131	10-key on Calculators (1)	Office Technology I-IV	Theresa Hawkins	10	10
Early Childhood Education		(Human Resources)		114	38
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development 1-2	Janey Marthaller	72	24
ECE 133	Practicum I (3)	Preschool Lab 3-8	Janey Marthaller	42	14
Machine Manufacturing Technology		(Industrial and Engineering)		0	0
MCH 100	Machine Tool Basics (1)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 105	Blueprint Reading I (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 110	Blueprint Reading II (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 120	Machine Shop Math (2)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 125	Speeds and Feeds (1)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 135	Basic Measuring Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 145	Layout Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 150	Precision Measuring Tools (1.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 160	Drilling Machines & Operations (2)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 180	Turning Machines and Operations (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
Welding		(Industrial and Engineering)		0	0
WLD 111	SMAW: Mild Steel (E7024) & Oxy- acetylene Cutting (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
WLD 112	SMAW: Mild Steel I (E7018) (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
WLD 113	SMAW: Mild Steel II (E7018) (4)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
WLD 115	SMAW: Mild Steel IV (E6011) (3)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Metals Manufacturing Inter & Adv	Jerome Mannenbach	0	0
Summary for Franklin High School / Career & Technical Education				296	156
Franklin High School / University Transfer					
English		(None)		100	25
ENG 104	Introduction to Literature (Fiction) (4)	Adventure Lit, World Lit and Film	Tim Hardin	100	25
Summary for Franklin High School / University Transfer				100	25

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)			
Courses under Agreement (credits)		High School Course Title	Teacher	Duplicated Credits	Students	
Gaston High School / Career & Technical Education						
Building Construction Technology			(Industrial & Engineering)		57	25
BCT 106	Hand/Tool Power Tool Use (3) and Safety	Woods I	Wade Sims	21	7	
BCT 216	Cabinetry I (2)	Woods II	Wade Sims	24	12	
BCT 217	Cabinetry II (2)	Woods III	Wade Sims	6	3	
BCT 218	Woodworking Projects (2)	Woods IV	Wade Sims	6	3	
Early Childhood Education			(Human Resources)		9	3
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Sue Peavey	9	3	
ECE 133	Practicum I (3)	Advanced Child Development/Lab	Sue Peavey	0	0	
Summary for Gaston High School / Career & Technical Education				66	28	

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
Gervais High School / Career & Technical Education				
Building Construction Technology	(Industrial and Engineering)		15	5
BCT 106 Hand Tool/Power Tool Use (3)	Construction	Russell Glenn	15	5
Summary for Gervais High School / Career & Technical Education			15	5

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		Duplicated
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
Glencoe High School / Career & Technical Education					
Business Administration		(Business & Management)		33	11
BA 111	Introduction to Accounting (3)	Accounting I	Eric Walker	33	11
Computer Applications Systems / Office Systems		(Business & Management)		55	21
CAS 109	Beginning PowerPoint (1)	Computer Applications	Rebecca Hufford	2	2
CAS 121	Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	51	17
CAS 216A	Beginning Word (1)	Computer Applications	Rebecca Hufford	2	2
Drafting Technology		(Industrial and Engineering)		15	5
ARCH 111	Working Drawings 1 (3)	Architecture II	Michael O'Connor	0	0
ARCH 126	Introduction to AutoCAD (3)	Architecture I	Michael O'Connor	12	4
DRF 117	Drafting Fundamentals (4)	Drafting II	Michael O'Connor	0	0
DRF 126	Introduction to AutoCAD (3)	Drafting I	Michael O'Connor	3	1
Early Childhood Education		(Human Resources)		57	19
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Shellie DeWhitt	27	9
ECE 133	Practicum I (3)	Child Services II	Shellie DeWhitt	30	10
Machine Manufacturing Technology		(Industrial and Engineering)		121	61
MCH 100	Machine Tool Basics (1)	Machine/Welding II	Rob Brauer	8	8
MCH 105	Blueprint Reading I (1.5)	Machine/Welding II	Rob Brauer	12	8
MCH 110	Blueprint Reading II (1.5)	Machine/Welding II	Rob Brauer	0	0
MCH 120	Machine Shop Math (2)	Machine/Welding II	Rob Brauer	0	0
MCH 125	Speeds and Feeds (1)	Machine/Welding II	Rob Brauer	0	0
MCH 135	Basic Measuring Tools (1.5)	Machine/Welding II	Rob Brauer	12	8
MCH 145	Layout Tools (1.5)	Machine/Welding II	Rob Brauer	12	8
MCH 150	Precision Measuring Tools (1.5)	Machine/Welding II	Rob Brauer	12	8
MCH 160	Drilling Machines & Operations (2)	Machine/Welding II	Rob Brauer	16	8
MCH 180	Turning Machines and Operations (4)	Machine/Welding II	Rob Brauer	28	7
MCH 205	Vertical Milling Machine and Operations (3.5)	Machine/Welding II	Rob Brauer	21	6
Management and Supervisory Development		(Business & Management)		18	6
MSD 101	Principles of Management and Supervision (3)	Management	Rebecca Hufford	18	6
Medical Professions		(Health Services)		4	1
MP 111	Medical Terminology (4)	Health Services I	Rita Jukkala	4	1

2007-2008 Articulation Details by Discipline and Career Focus Area

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

Glencoe High School / Career & Technical Education

Welding	(Industrial and Engineering)			15	5
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Machine/Welding II	Rob Brauer	0	0
WLD 112	SMAW: Mild Steel I (E7018) (4)	Machine/Welding II	Rob Brauer	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Machine/Welding II	Rob Brauer	0	0
WLD 131	Gas Metal Arc Welding (3)	Machine/Welding II	Rob Brauer	15	5
Summary for Glencoe High School / Career & Technical Education				318	129

Glencoe High School / University Transfer

Reading	(None)			0	0
RD 115	College Reading (3)	Advanced Reading	Linda Skaug	0	0
Summary for Glencoe High School / University Transfer				0	0

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		Duplicated
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
Hillsboro High School / Career & Technical Education					
Automotive Service Technology		(Industrial and Engineering)		32	8
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive I	Glenn Campbell	32	8
Drafting Technology		(Industrial and Engineering)		117	35
ARCH 101	Architectural Graphics 1 (3)	Architecture 1, 2	Don Domes	18	6
ARCH 111	Working Drawings 1 (3)	Architecture 2, 3	Don Domes	15	5
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	9	3
DRF 117	Drafting Fundamentals (4)	Drafting 1	Don Domes	36	9
DRF 126	Introduction to AutoCAD (3)	Drafting 1, 2	Don Domes	0	0
DRF 133	Intermediate Drafting (4)	Drafting 2, 3	Don Domes	12	3
DRF 185	AutoCAD Inventor - Fundamentals (3)	Drafting 1, 2	Don Domes	27	9
Early Childhood Education		(Human Resources)		33	11
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Kelly Jett	27	9
ECE 133	Practicum I (3)	Child Services I & II	Kelly Jett	6	2
Electronic Engineering Technology		(Industrial and Engineering)		0	0
EET 111	Electrical Circuit Analysis I (5)	Electronics 2, 3	Don Domes	0	0
Landscape Technology		(Natural Resource Systems)		11	3
LAT 106	Basic Horticulture (4)	Horticulture Technology I	John Stables	8	2
LAT 109	Plant Propagation (3)	Horticulture Technology II	John Stables	3	1
Microelectronics Technology		(Industrial and Engineering)		0	0
MT 100	Introduction to Microelectronics (3)	Electronics Technology 1	Don Domes	0	0
MT 111	Electronic Circuits & Devices I (4)	Electronics Technology 1, 2	Don Domes	0	0
MT 121	Digital Systems I (3)	Electronics Technology 3	Don Domes	0	0
Summary for Hillsboro High School / Career & Technical Education				193	57
Hillsboro High School / University Transfer					
Art		(None)		22	11
ART 218	Lettering Calligraphy I (2)	Calligraphy I	Cynthia Schubert	22	11
Reading		(None)		9	3
CSS 200	Soils and Plant Nutrition (3)	Introduction to Horticulture	John Stables	9	3
Summary for Hillsboro High School / University Transfer				31	14

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)	High School Course Title	Teacher		Duplicated Credits	Students
Horizon Christian High School / University Transfer					
Mathematics			(None)	76	16
MTH 111C	College Algebra for Math, Science & Engineering (5)	Pre-Calculus	Richard Espinoza	20	4
MTH 112	Elementary Functions (5)	Pre-Calculus	Richard Espinoza	20	4
MTH 251	Calculus I (4)	Advanced Placement Calculus	Richard Espinoza	16	4
MTH 252	Calculus II (5)	Advanced Placement Calculus	Richard Espinoza	20	4
Summary for Horizon Christian High School / University Transfer				76	16

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)	High School Course Title	Teacher		Duplicated	
				Credits	Students
Jefferson Campus / University Transfer					
Dance			(Arts & Communications)	35	21
D 209	Dance Performance (3)	Jefferson Dancers	Steve Gonzales	21	7
D 252	Jazz Dance III (1)	Jazz Dance IV	Steve Gonzales	7	7
D 292	Ballet III (1)	Ballet IV	Steve Gonzales	7	7
Summary for Jefferson Campus / University Transfer				35	21

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)			Duplicated
Courses under Agreement (credits)		High School Course Title		Teacher		Credits Students
Lake Oswego High School / Career & Technical Education						
Professional Music			(Industrial and Engineering)			34 17
MUC 154A	Band Performance Workshop I (2)	Band Performance Workshop		Dave Matthys		34 17
Summary for Lake Oswego High School / Career & Technical Education						34 17
Lake Oswego High School / University Transfer						
General Science			(None)			8 2
GS 108	Phys Science (Oceanography) (4)	Oceanography		Jeff Goodrich		8 2
History			(None)			72 18
HST 201	History of the United States I (4)	AP U.S. History		Laura Paxson		24 6
HST 202	History of the United States II (4)	AP U.S. History		Laura Paxson		24 6
HST 203	History of the United States III (4)	AP U.S. History		Laura Paxson		24 6
Mathematics			(None)			45 10
MTH 251	Calculus I (4)	Calculus I		Peter Dodson		20 5
MTH 252	Calculus II (5)	Calculus I		Peter Dodson		25 5
MTH 253	Calculus III (5)	Calculus II		Peter Dodson		0 0
Music			(None)			8 8
MUS 221	Chorus: Chamber Choir (1)	A Cappella Choir		Liz Serra		8 8
Summary for Lake Oswego High School / University Transfer						133 38

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Lakeridge High School / University Transfer					
History			(None)		272 68
HST 102	Western Civilization: Medieval (4) to Early Modern Europe		AP European History (First Semester)	Ryan Rosenau	124 31
HST 103	Western Civilization: Modern (4) Europe		AP European History (Second Semester)	Ryan Rosenau	116 29
HST 203	History of the United States III (4)		US History & Government	Neil Barker	32 8
Mathematics			(None)		219 48
MTH 251	Calculus I (4)		AP Calculus AB	Derek Abbott	4 1
MTH 251	Calculus I (4)		AP Calculus AB	Terry Moore	80 20
MTH 252	Calculus II (5)		AP Calculus AB	Derek Abbott	5 1
MTH 252	Calculus II (5)		AP Calculus AB	Terry Moore	105 21
MTH 253	Calculus III (5)		AP Calculus BC	Terry Moore	25 5
Music			(None)		21 21
MUS 221	Chorus: Chamber Choir (1)		A Cappella Choir	William Campbell	21 21
Summary for Lakeridge High School / University Transfer					512 137

2007-2008 Articulation Details by Discipline and Career Focus Area

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

Liberty High School / Career & Technical Education

Early Childhood Education			(Human Resources)	66	22
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	36	12
ECE 133	Practicum I (3)	Child Services Focus Program	Jessica Ackerman	30	10
Summary for Liberty High School / Career & Technical Education				66	22

Liberty High School / University Transfer

Physics			(None)	80	16
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	40	8
PHY 213	General Physics (Calculus) (5)	AP Physics	Milton Scholl	40	8
Summary for Liberty High School / University Transfer				80	16

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Madison 'S' High School / Career & Technical Education					
Medical Professions			(Health Services)		64 16
MP 111	Medical Terminology (4)		Health Services 7-8	Kathy Lloyd	64 16
Summary for Madison 'S' High School / Career & Technical Education					64 16

Madison 'S' High School / University Transfer

Spanish			(None)		172 43
SPA 101	First Year Spanish: First Term (4)		First Year Spanish	Marisol Rodriguez	88 22
SPA 102	First Year Spanish: Second Term (4)		Second Year Spanish	Marisol Rodriguez	68 17
SPA 103	First Year Spanish: Third Term (4)		Third Year Spanish	Marisol Rodriguez	16 4
Summary for Madison 'S' High School / University Transfer					172 43

2007-2008 Articulation Details by Discipline and Career Focus Area

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

Marshall Campus - BizTech / Career & Technical Education

Business Administration		(Business & Management)		30	10
BA 111	Introduction to Accounting (3)	Accounting I-II	Clara Cook	30	10
BA 111	Introduction to Accounting (3)	Accounting I-II	Timothy Biamont	0	0
Computer Applications Systems / Office Systems		(Business & Management)		21	7
CAS 109	Beginning PowerPoint (1)	Computer Applications	Clara Cook	21	7
CAS 121	Beginning Keyboarding (3)	Digital Media/Power Skills	Clara Cook	0	0
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	0	0
Summary for Marshall Campus - BizTech / Career & Technical Education				51	17

Marshall Campus - BizTech / University Transfer

Biology		(None)		164	41
BI 101	Biology (4)	Biology	Amy Lindahl	100	25
BI 102	Biology (4)	Biology	Amy Lindahl	64	16
Summary for Marshall Campus - BizTech / University Transfer				164	41

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
McMinnville High School / University Transfer				
English	(None)		44	11
ENG 104	Introduction to Literature (Fiction) (4)	Intro to Fiction	44	11
Summary for McMinnville High School / University Transfer			44	11

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)	High School Course Title	Teacher		Duplicated Credits	Students
Merlo Station High School / Career & Technical Education					
Computer Applications Systems / Office Systems			(Business & Management)	72	51
CAS 103	Introduction to Windows (1)	Computer Applications I	Marcella Setness	10	10
CAS 104	Basic Internet Skills (1)	Computer Applications II	Marcella Setness	7	7
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Marcella Setness	7	7
CAS 121A	Beginning Keyboarding (1)	Computer Applications I	Marcella Setness	10	10
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications II	Marcella Setness	28	7
CAS 216A	Beginning Word (1)	Computer Applications I	Marcella Setness	10	10
Summary for Merlo Station High School / Career & Technical Education				72	51

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students	
Newberg Campus - Blue School / Career & Technical Education					
Machine Manufacturing Technology		(Industrial and Engineering)		0	0
MCH 100	Machine Tool Basics (1)	Machine Tool Basics	Terry Coss	0	0
MCH 105	Blueprint Reading I (1.5)	Blueprint Reading I	Terry Coss	0	0
MCH 135	Basic Measuring Tools (1.5)	Basic Measuring Tools	Terry Coss	0	0
MCH 150	Precision Measuring Tools (1.5)	Precision Measuring Tools	Terry Coss	0	0
MCH 160	Drilling Machines & Operations (2)	Drilling Machines & Operations	Terry Coss	0	0
MCH 175	Band Saws (1)	Band Saws	Terry Coss	0	0
MCH 180	Turning Machines and Operations (4)	Turning Machines and Operations	Terry Coss	0	0
MCH 195	Threading on the Lathe (3)	Threading on the Lathe	Terry Coss	0	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Vertical Milling Machine and Operations	Terry Coss	0	0
MCH 210	Project Machine Technology IV (6)	Project Machine Technology IV	Terry Coss	0	0
Summary for Newberg Campus - Blue Campus / Career & Technical Education			0	0	
Newberg Campus - Green School / University Transfer					
Mathematics		(None)		392	83
MTH 111C	College Algebra for Math, (5) Science & Engineering	Pre-Calculus (Second Semester)	Bruce Sinkbeil	110	22
MTH 112	Elementary Functions (5)	Pre-Calculus (First Semester)	Bruce Sinkbeil	100	20
MTH 251	Calculus I (4)	Calculus I	Bruce Sinkbeil	92	23
MTH 252	Calculus II (5)	Calculus II	Bruce Sinkbeil	90	18
Summary for Newberg Campus - Green School / University Transfer			392	83	
Newberg Campus - Red School / University Transfer					
English		(None)		92	23
ENG 105	Introduction to Literature (Drama) (4)	Shakespeare	Drea Ferguson	92	23
Mathematics		(None)		200	40
MTH 111C	College Algebra for Math, (5) Science & Engineering	Pre-Calculus (Second Semester)	Tyler Wallace	105	21
MTH 112	Elementary Functions (5)	Pre-Calculus (First Semester)	Tyler Wallace	95	19
Summary for Newberg Campus - Red School / University Transfer			292	63	
Newberg Campus - Silver School / University Transfer					
English		(None)		464	116
ENG 104	Introduction to Literature (Fiction) (4)	Advanced Senior English	Fawn Erickson-Bragg	152	38
ENG 105	Introduction to Literature (Drama) (4)	Advanced Senior English	Fawn Erickson-Bragg	156	39
WR 121	English Composition (4)	Advanced Senior English	Fawn Erickson-Bragg	156	39
Summary for Newberg Campus - Silver School / University Transfer			464	116	

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)		High School Course Title	Teacher	Duplicated Credits	Students
North Marion High School / Career & Technical Education					
Welding			(Industrial and Engineering)	15	5
WLD 151	SMAW: Certification Practice: (3) Unlimited Thickness Mild Steel	Welding	Kurt Robertson	15	5
WLD 254	SMAW: Certification Practice: (3) 3/8" Mild Steel (E7018)	Welding	Kurt Robertson	0	0
Summary for North Marion High School / Career & Technical Education				15	5

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)		High School Course Title	Teacher	Duplicated Credits	Students
PIVOT / Career & Technical Education					
Computer Applications Systems / Office Systems (Business & Management)				40	19
CAS 103	Introduction to Windows (1)	Windows	Carolyn Schoenemann	4	4
CAS 109	Beginning PowerPoint (1)	PowerPoint	Carolyn Schoenemann	1	1
CAS 121	Beginning Keyboarding (3)	Beginning Keyboarding Skills	Carolyn Schoenemann	9	3
CAS 133	Basic Computer Skill/MS Office (4)	Basic Computer Skills	Carolyn Schoenemann	12	3
CAS 140	Beginning Access (3)	Computer Applications	Carolyn Schoenemann	0	0
CAS 170	Beginning Excel (3)	Computer Applications	Carolyn Schoenemann	3	1
CAS 216	Beginning Word (3)	Word Processing Software	Carolyn Schoenemann	6	2
OS 131	10-key on Calculators (1)	Calculator/10-Key Skills	Carolyn Schoenemann	5	5
Medical Professions (Health Services)				0	0
MP 111	Medical Terminology (4)	Medical Administration	Spring Coulter	0	0
Summary for PIVOT / Career & Technical Education				40	19

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated		
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students	
Portland YouthBuilders / Career & Technical Education					
Building Construction Technology		(Industrial and Engineering)		45	15
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	33	11
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	0	0
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	12	4
Computer Applications Systems / Office Systems		(Business & Management)		9	9
CAS 106	Introduction to X/HTML (1)	Intro to X/HTML	Marie Daniels	9	9
Summary for Portland YouthBuilders / Career & Technical Education			54	24	

Portland YouthBuilders / University Transfer

Mathematics		(None)		4	1
MTH 95	Intermediate Algebra (4)	Intermediate Algebra	Kristi Govertsen	4	1
Summary for Portland YouthBuilders / University Transfer			4	1	

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Riverdale High School / University Transfer					
English			(None)		20 5
WR 121	English Composition (4)		English Composition	Holly Finnerty	20 5
Summary for Riverdale High School / University Transfer					20 5

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students	
Roosevelt Campus - P.O.W.E.R. Academy / Career & Technical Education					
Medical Professions	(Health Services)			0	0
MP 111 Medical Terminology (4)	Medical Terminology	Nancy Fiorante	0	0	
Summary for Roosevelt Campus - P.O.W.E.R. Academy / Career & Technical Education				0	0
Roosevelt Campus - S.E.I.S High School / Career & Technical Education					
Criminal Justice	(Human Resources)			0	0
CJA 100 Introduction to Professions in Criminal Justice (3)	Introduction to Judicial Systems	Steve Jacquot	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 / Career & Technical Education				0	0

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)			Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students	
Sabin - Schellenberg Center / Career & Technical Education					
Fire Protection Technology	(Natural Resource Systems)			13	5
FP 101	Introduction to Fire Protection (3)	Fire Science I	Dennis Katz	9	3
FP 280B	Cooperative Education: Fire (2) Science - Seminar	Fire Science II	Dennis Katz	4	2
Interior Design	(Arts & Communications)			48	16
ID 131	Introduction to Interiors (3)	Interior Design Levels 1/2	Tami Katz	48	16
Summary for Sabin - Schellenberg Center / Career & Technical Education				61	21

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)			Duplicated
Courses under Agreement (credits)		High School Course Title	Teacher			Credits Students
Scappoose High School / Career & Technical Education						
Computer Applications Systems / Office Systems (Business & Management)				0		0
CAS 121	Beginning Keyboarding (3)	Keyboarding	Louise Hill	0		0
CAS 216	Beginning Word (3)	Keyboarding/Computer Applications	Louise Hill	0		0
Machine Manufacturing Technology (Industrial and Engineering)				0		0
MCH 100	Machine Tool Basics (1)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 105	Blueprint Reading I (1.5)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 110	Blueprint Reading II (1.5)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 120	Machine Shop Math (2)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 125	Speeds and Feeds (1)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 135	Basic Measuring Tools (1.5)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 145	Layout Tools (1.5)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 150	Precision Measuring Tools (1.5)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 160	Drilling Machines & Operations (2)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 180	Turning Machines and Operations (4)	Advanced Manufacturing Technology	Dale Preuss	0		0
MCH 205	Vertical Milling Machine and Operations (3.5)	Advanced Manufacturing Technology	Dale Preuss	0		0
Welding (Industrial and Engineering)				0		0
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Advanced Manufacturing Technology	Dale Preuss	0		0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Advanced Manufacturing Technology	Dale Preuss	0		0
Summary for Scappoose High School / Career & Technical Education				0		0

2007-2008 Articulation Details by Discipline and Career Focus Area

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

Sherwood High School / Career & Technical Education

Building Construction Technology			(Industrial and Engineering)		96	32
BCT 102	Residential Printreading (3)	Advanced Woods	John Niebergall	18	6	
BCT 104	Construction Mathematics (3)	Intermediate Woods	John Niebergall	39	13	
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Intermediate Woods	John Niebergall	39	13	
Computer Applications Systems / Office Systems			(Business & Management)		11	11
CAS 216A	Beginning Word (1)	Intermediate Woods	John Niebergall	11	11	
CAS 216A	Beginning Word (1)	Computer Science/Excel	Terrel Smith	0	0	
Drafting Technology			(Industrial and Engineering)		71	21
ARCH 111	Working Drawings 1 (3)	Architectural IV	John Niebergall	3	1	
ARCH 140	Introduction to Chief Architect (3)	Architectural III	John Niebergall	12	4	
DRF 117	Drafting Fundamentals (4)	Intermediate Engineering	John Niebergall	32	8	
DRF 270	Solid Works Fundamentals (3)	Intermediate Engineering II	John Niebergall	24	8	
Summary for Sherwood High School / Career & Technical Education				178	64	

Sherwood High School / University Transfer

Biology			(None)		140	35
BI 121	Essentials of Human Anatomy and Physiology I (4)	Introduction of Human Anatomy and Physiology	Lance Thurman	64	16	
BI 122	Introduction to Human Anatomy & Physiology II (4)	Human Anatomy & Physiology	Lance Thurman	76	19	
Mathematics			(None)		0	0
MTH 112	Elementary Functions (5)	Trig & Analysis	Carol Marshall	0	0	
MTH 116	Calculus Preparation (5)	Trig & Analysis	Carol Marshall	0	0	
MTH 251	Calculus I (4)	Calculus	Carol Marshall	0	0	
MTH 252	Calculus II (5)	Calculus	Carol Marshall	0	0	
Summary for Sherwood High School / University Transfer				140	35	

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)		High School Course Title	Teacher	Duplicated Credits	Students
Silverton High School / Career & Technical Education					
Welding			(Industrial and Engineering)	120	40
WLD 151	SMAW: Certification Practice: (3) Unlimited Thickness Mild Steel	Welding	Kurt Robertson	60	20
WLD 254	SMAW: Certification Practice: (3) 3/8" Mild Steel (E7018)	Welding	Kurt Robertson	60	20
Summary for Silverton High School / Career & Technical Education				120	40

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)		High School Course Title	Teacher	Duplicated Credits	Students
Southridge High School / University Transfer					
American Sign Language			(Human Resources)	132	44
ASL 101	First Year American Sign (3) Language I	First Year American Sign Language I	Tom Wills	51	17
ASL 102	First Year American Sign (3) Language II	First Year American Sign Language II	Tom Wills	51	17
ASL 103	First Year American Sign (3) Language III	First Year American Sign Language III	Tom Wills	30	10
Summary for Southridge High School / University Transfer				132	44

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		Duplicated
Courses under Agreement (credits)		High School Course Title	Teacher		Credits Students
St. Helens High School / Career & Technical Education					
Automotive Service Technology		(Industrial and Engineering)		172	43
AM 101	Unit 1: Engine Repair I (4)	Automotive Technology	Mike Herdrich	48	12
AM 102	Unit 2: Electrical Systems I (4)	Automotive Technology	Mike Herdrich	24	6
AM 103	Unit 3: Engine Performance I (4)	Automotive Technology	Mike Herdrich	24	6
AM 104	Unit 4: Steering and Suspension Systems I (4)	Automotive Technology	Mike Herdrich	0	0
AM 105	Unit 5: Brakes Systems I (4)	Automotive Technology	Mike Herdrich	24	6
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive Technology	Mike Herdrich	52	13
Business Administration		(Business & Management)		12	4
BA 111	Introduction to Accounting (3)	Accounting	LeaAnne Bradford	0	0
BA 111	Introduction to Accounting (3)	Accounting	Donna Trudeau	12	4
Computer Applications Systems / Office Systems		(Business & Management)		57	25
CAS 121	Beginning Keyboarding (3)	Word Processing I	Donna Trudeau	3	1
CAS 121	Beginning Keyboarding (3)	Word Processing I	LeaAnne Bradford	18	6
CAS 133	Basic Computer Skill/MS Office (4)	Business Tech II	Donna Trudeau	0	0
CAS 133	Basic Computer Skill/MS Office (4)	Business Tech II	LeaAnne Bradford	16	4
CAS 170	Beginning Excel (3)	Spreadsheets	LeaAnne Bradford	6	2
CAS 170	Beginning Excel (3)	Spreadsheets	Donna Trudeau	0	0
CAS 216	Beginning Word (3)	Word Processing II	Donna Trudeau	0	0
CAS 216	Beginning Word (3)	Word Processing II	LeaAnne Bradford	3	1
CAS 216A	Beginning Word (1)	Business Tech I	Donna Trudeau	0	0
CAS 216A	Beginning Word (1)	Business Tech I	LeaAnne Bradford	6	6
OS 131	10-key on Calculators (1)	Business Tech II	Donna Trudeau	0	0
OS 131	10-key on Calculators (1)	Business Tech II	LeaAnne Bradford	5	5
Drafting Technology		(Industrial and Engineering)		72	24
ARCH 111	Working Drawings 1 (3)	Advanced Technical Drawing	John Tainter	18	6
ARCH 126	Introduction to AutoCAD (3)	Technical Drawing I	John Tainter	0	0
ARCH 140	Introduction to Chief Architect (3)	Advanced Technical Drawing	John Tainter	18	6
DRF 117	Drafting Fundamentals (4)	Technical Drawing I & II	John Tainter	0	0
DRF 136	Intermediate AutoCAD (3)	Advanced Technical Drawing	John Tainter	18	6
DRF 185	AutoCAD Inventor - Fundamentals (3)	Advanced Technical Drawing	John Tainter	18	6
DRF 246	AutoCAD 3-D and Solid Modeling (3)	Technical Drawing I & II	John Tainter	0	0
Machine Manufacturing Technology		(Industrial and Engineering)		427.5	218
MCH 100	Machine Tool Basics (1)	Metals I (Fall Term)	Rory Lewno	11	11
MCH 105	Blueprint Reading I (1.5)	Metals I (Fall Term)	Rory Lewno	15	10
MCH 110	Blueprint Reading II (1.5)	Advanced Metals (Spring Term)	Rory Lewno	9	6
MCH 120	Machine Shop Math (2)	Advanced Metals (Spring Term)	Rory Lewno	18	9
MCH 123	Sheet Metal Fabrication (4)	Journeyman	Rory Lewno	16	4
MCH 125	Speeds and Feeds (1)	Advanced Metals (Spring Term)	Rory Lewno	6	6
MCH 135	Basic Measuring Tools (1.5)	Metals I (Fall Term)	Rory Lewno	18	12
MCH 145	Layout Tools (1.5)	Metals I (Spring Term)	Rory Lewno	18	12
MCH 150	Precision Measuring Tools (1.5)	Metals I & Advanced Metals (Fall Term)	Rory Lewno	43.5	29

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
Machine Manufacturing Technology		(Industrial and Engineering)		
MCH 157	Project Machine Tech I (1.5)	Metals I & Adv Metals (Spring Term)	63	42
MCH 158	Project Machine Tech II (3)	Advanced Metals (Spring Term)	30	10
MCH 160	Drilling Machines & Operations (2)	Metals I (Fall Term)	24	12
MCH 175	Band Saws (1)	Metals I (Fall Term)	13	13
MCH 180	Turning Machines and Operations (4)	Metals I (Spring Term)	12	3
MCH 195	Threading on the Lathe (3)	Metals I & Adv Metals (Spring Term)	33	11
MCH 205	Vertical Milling Machine and Operations (3.5)	Metals I & Adv Metals (Spring Term)	98	28
Welding			403	105
(Industrial and Engineering)				
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals I (Fall Term)	44	11
WLD 112	SMAW: Mild Steel I (E7018) (4)	Metals I (Fall Term)	28	7
WLD 113	SMAW: Mild Steel II (E7018) (4)	Advanced Metals (Fall Term)	40	10
WLD 114	SMAW: Mild Steel III (E6011) (3)	Advanced Metals (Fall Term)	93	31
WLD 115	SMAW: Mild Steel IV (E6011) (3)	Advanced Metals (Fall Term)	45	15
WLD 131	Gas Metal Arc Welding (3)	Metals I & Adv Metals (Spring Term)	33	11
WLD 141	Flux-Cored Arc Welding I 3)	Metals I (Spring Term)	0	0
WLD 261	Basic Fabrication I (6)	Advanced Metals (Spring Term)	120	20
WLD 271	Oxy-acetylene Welding Projects (3)	Metals I (Spring Term)	0	0
Summary for St. Helens High School / Career & Technical Education			1143.5	419

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		Duplicated
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
Tigard High School / Career & Technical Education					
Automotive Service Technology		(Industrial and Engineering)		32	8
AM 101	Unit 1: Engine Repair I (4)	Auto Technology Basic/Auto Tech Engines	Jay Butz	32	8
AM 103	Unit 3: Engine Performance I (4)	Auto Technology Basic/Auto Tech Engines	Jay Butz	0	0
AM 104	Unit 4: Steering and Suspension Systems I (4)	Auto Technology Basic/Auto Tech Engines	Jay Butz	0	0
AM 105	Unit 5: Brakes Systems I (4)	Auto Technology Basic/Auto Tech Engines	Jay Butz	0	0
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Auto Technology Basic/Auto Tech Engines	Jay Butz	0	0
Drafting Technology		(Industrial and Engineering)		28	8
ARCH 111	Working Drawings 1 (3)	Architecture Design 2A & 2B	Howard Wood	12	4
DRF 117	Drafting Fundamentals (4)	CAD I	Howard Wood	16	4
Early Childhood Education		(Human Resources)		96	32
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development I	Kara Alexander	48	16
ECE 133	Practicum I (3)	Child Development II	Kara Alexander	48	16
Summary for Tigard High School / Career & Technical Education				156	48
Tigard High School / University Transfer					
Art		(Arts & Communications)		0	0
ART 131	Introduction to Drawing (3)	IB Art & Drawing 2/3	Cameron Stuart	0	0
Biology		(None)		340	85
BI 101	Biology (4)	IB Bio I	Karen Harris	196	49
BI 102	Biology (4)	IB Bio II	Karen Harris	72	18
BI 103	Biology (4)	IB Bio II	Karen Harris	72	18
History		(None)		1320	330
HST 201	History of the United States I (4)	Advanced US History	Murray Carlisle	164	41
HST 201	History of the United States I (4)	Advanced US History	Dave Unis	260	65
HST 202	History of the United States II (4)	Advanced US History	Murray Carlisle	184	46
HST 202	History of the United States II (4)	Advanced US History	Dave Unis	264	66
HST 203	History of the United States III (4)	Advanced US History	Murray Carlisle	184	46
HST 203	History of the United States III (4)	Advanced US History	Dave Unis	264	66
Psychology		(None)		224	56
PSY 201	Introduction to Psychology Part I (4)	IB Psychology	Frank Caro	224	56
Summary for Tigard High School / University Transfer				1884	471

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Tualatin High School / Career & Technical Education					
Early Childhood Education			(Human Resources)		114 38
ECE 120	Introduction to Early Education and Family Studies (3)		Child Services I & II	Sarah Lind	57 19
ECE 133	Practicum I (3)		Child Services I & II	Sarah Lind	57 19
Summary for Tualatin High School / Career & Technical Education					114 38
Tualatin High School / University Transfer					
Mathematics			(None)		219 49
MTH 251	Calculus I (4)		AP Calculus	Bruce Borgelt	104 26
MTH 252	Calculus II (5)		AP Calculus	Bruce Borgelt	115 23
Summary for Tualatin High School / University Transfer					219 49

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Westview High School / Career & Technical Education					
Early Childhood Education			(Human Resources)		3 1
ECE 120	Introduction to Early Education and Family Studies (3)		Child Development II	Claire Floyd	3 1
ECE 133	Practicum I (3)		Child Development III	Claire Floyd	0 0
Medical Terminology			(Health Services)		180 45
MP 111	Medical Terminology (4)		Health Careers	Paula Jacobs	180 45
Summary for Westview High School / Career & Technical Education					183 46
Westview High School / University Transfer					
Art			(Arts & Communication)		72 24
ART 142	Introduction to Photography (3) Darkroom		Photography I	Alisa Scudamore	72 24
Health			(Health Services)		244 61
HE 252	First Aid-Basics and Beyond		Health Careers	Paula Jacobs	244 61
Summary for Westview High School / University Transfer					316 85

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
William P. Lord High School / Career & Technical Education				
Welding	(Industrial and Engineering)		180	48
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding	48	12
WLD 112	SMAW: Mild Steel I (E7018) (4)	Welding	48	12
WLD 113	SMAW: Mild Steel II (E7018) (4)	Welding	48	12
WLD 114	SMAW: Mild Steel III (E6011) (3)	Welding	36	12
WLD 115	SMAW: Mild Steel IV (E6011) (3)	Welding	0	0
WLD 131	Gas Metal Arc Welding (3)	Welding	0	0
WLD 151	SMAW Certification Practice: Unlimited Thickness Mild Steel (3)	Welding	0	0
WLD 254	SMAW Certification Practice 3/8" Mild Steel (E7018) (3)	Welding	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Welding	0	0
Summary for William P. Lord High School / Career & Technical Education			180	48

2007-2008 Articulation Details by Discipline and Career Focus Area

Discipline			(Career Focus Area)		
Courses under Agreement (credits)			High School Course Title	Teacher	Duplicated Credits Students
Wilson High School / Career & Technical Education					
Drafting Technology			(Industrial and Engineering)		53 17
ARCH 111	Working Drawings 1 (3)		Architecture1-2	Mark Mochon	30 10
DRF 117	Drafting Fundamentals (4)		Technical Drafting 3-4	Mark Mochon	8 2
DRF 126	Introduction to AutoCAD (3)		Technical Drafting 1-2	Mark Mochon	15 5
Early Childhood Education			(Human Resources)		45 15
ECE 120	Introduction to Early Education and Family Studies (3)		Child Psychology	Linda Bergstrom	30 10
ECE 133	Practicum I (3)		Pre-School Teaching	Linda Bergstrom	15 5
Summary for Wilson High School / Career & Technical Education					98 32