



We're all about  
your future.

# PCC Dual Credit

Earn College Credit  
While in High School

# 2008-2009 Annual Report

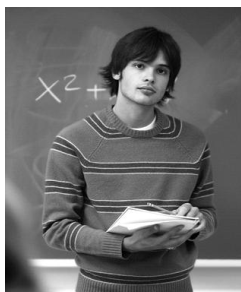


# Saving Students

## Time and Money.

Currently there are 43 articulating high schools within the Portland area. In 2008-09, the PCC Dual Credit registered 2,983 students who earned 19,530 PCC credits.

By taking the class(es) through the PCC Dual Credit program, the same college credits only cost \$35 for the entire academic year. This was a savings to students (and their parents) of over \$1,262,695 in PCC tuition and generated approximately 573 community college FTE!



"PCC Dual Credit not only helped me get a jump start on earning credits at the college level, it helped me save money and also realize how much of an impact my education had on my future. It made me truly cherish the education I was receiving because it was being applied on so many levels."

-Andrew Elliott, St. Helens High School

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# CONNECTIONS

## PAVTEC EDUCATION CONSTORIUM

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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.

## CONNECTION TEAM MEETINGS

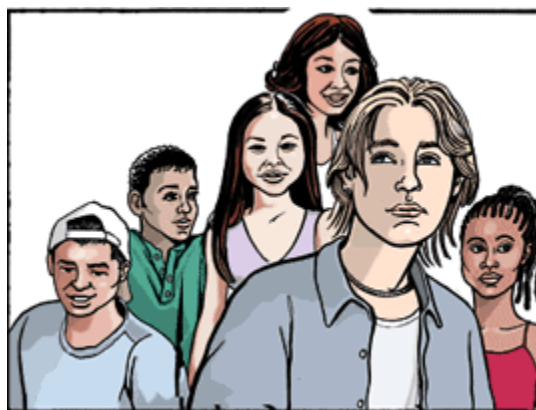
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PAVTEC Connections Team meetings provide a forum for high school and Portland Community College faculty, administrators, career counselors and other interested individuals to discuss current issues and trends that educators and industry are encountering in preparing workers for the workforce. During the 2008-09 school year, there were 14 different Connections Teams meetings covering 23 different program areas with 254 total participants.

2008-09 CONNECTIONS MEETINGS		
Art	19 Participants	8 High Schools
Automotive Service Technology, Auto Body Repair	14 Participants	7 High Schools
Building Construction Technology	17 Participants	10 High Schools
Business, Marketing, Computer Applications &	27 Participants	16 High Schools
Computer Information Systems & Computer Science	15 Participants	10 High Schools
Criminal Justice	8 Participants	3 High Schools
Architecture, Drafting & Interior Design	21 Participants	9 High Schools
Early Childhood Education (PCC, CCC, Mt.HCC)	54 Participants	19 High Schools
Biology, Health, Medical Professions	19 Participants	8 High Schools
Landscape Technology	12 Participants	5 High Schools
Machine Manufacturing Technology	17 Participants	8 High Schools
Welding	20 Participants	9 High Schools
World Languages (French, German, Spanish)	11 Participants	2 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](http://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 Informatics 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? HIGH SCHOOL AND COLLEGE AT THE SAME TIME

The PCC Dual Credit program provides high school students with an early opportunity to earn college credit for the coursework they've completed while in high school. Whereby 476 "articulated" Portland Community College courses were taught at the high school by approximately 140 approved high school teachers.

### PCC Dual Credit students receive the following benefits:

- 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
- Smooth transition from high school to college in a non-duplicative program of study



### High school students can earn PCC credit for:

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

### High schools and Portland Community College can create a PCC 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.

### High school teachers, schools and PCC receive the following benefits:

- 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

For more information on offering PCC Dual Credit, please contact Karen Jones at 503-614-7736/ [kjones@pcc.edu](mailto:kjones@pcc.edu) or Jacqlyn Proper at 503-614-7737/ [jstephan@pcc.edu](mailto:jstephan@pcc.edu), in the PAVTEC office or visit the PCC Dual Credit website at: [www.pcc.edu/pavtec/dual](http://www.pcc.edu/pavtec/dual).



# PCC DUAL CREDIT

## LOOKING AT THE LAST FIVE YEARS

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

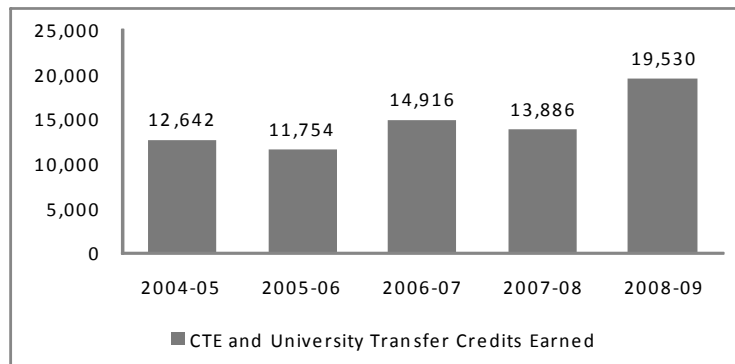
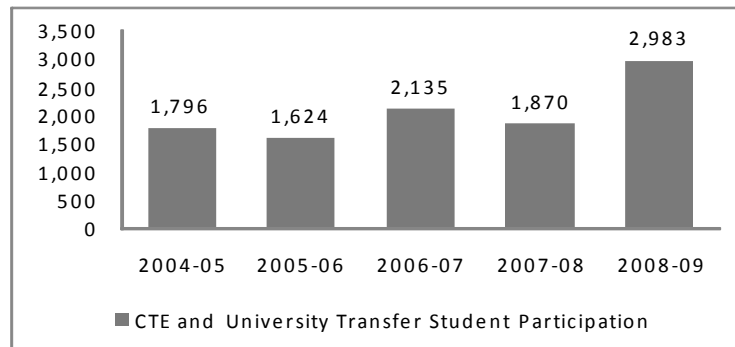
Last year (2008-09) the program saw an enormous increase in participation likely due to aligning more closely the dual credit registration guidelines with those of on campus guidelines. In addition, student eligibility was not limited to only those students earning an A or B. Rather, all students were eligible and could receive credit if they opted to complete a registration form.

SCHOOL YEAR	NUMBER OF TEACHERS	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
2004-05	109	1,796	12,642	\$62,860	\$720,944
2005-06	130	1,624	11,754	\$56,840	\$695,416
2006-07	138	2,135	14,916	\$74,725	\$924,647
2007-08	128	1,870	13,886	\$65,450	\$878,798
<b>2008-09</b>	<b>140</b>	<b>2,983</b>	<b>19,530</b>	<b>\$104,405</b>	<b>\$1,262,695</b>

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

\*\*Direct costs to each student: \$35 for all credits earned during the 2008-09 academic year.

\*\*\*Savings to students equals total value of credits (at \$70 per credit) minus the \$35 fee charged to each student.



# SAVINGS & COSTS

## SAVINGS AND DIRECT COSTS TO STUDENTS BY HIGH SCHOOL

SCHOOL	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Alliance at Meek	3	15	\$105	\$945
Aloha	145	833	\$5,075	\$53,235
Arts & Communications Magnet Academy	6	42	\$210	\$2,730
Banks	47	605	\$1,645	\$40,705
Beaverton	230	1,198	\$8,050	\$75,810
Benson	150	1,627	\$5,250	\$108,640
CAPITAL Center	75	686	\$2,625	\$45,395
Central Catholic	7	28	\$245	\$1,715
Century	112	404	\$3,920	\$24,360
Clark County Skills Center	32	96	\$1,120	\$5,600
Cleveland	48	376	\$1,680	\$24,640
Early College	105	198	\$3,675	\$10,185
Forest Grove	125	951	\$4,375	\$62,195
Franklin	193	1,014	\$6,755	\$64,225
Gaston	30	120	\$1,050	\$7,350
Gervais	7	21	\$245	\$1,225
Glencoe	146	727	\$5,110	\$45,780
Hillsboro	67	296	\$2,345	\$18,375
Horizon Christian	10	97	\$350	\$6,440
Jefferson	10	45	\$350	\$2,800
Lake Oswego	49	236	\$1,715	\$14,805
Lakeridge	68	571	\$2,380	\$37,590
Liberty	96	457	\$3,360	\$28,630
Madison	85	372	\$2,975	\$23,065
Marshall Campus	93	638	\$3,255	\$41,405
McMinnville	23	92	\$805	\$5,635
Merlo Station	26	48	\$910	\$2,450



# SAVINGS & COSTS

## SAVINGS AND DIRECT COSTS TO STUDENTS BY HIGH SCHOOL CONTINUED

SCHOOL	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Newberg	183	1,986	\$6,405	\$132,615
PIVOT	12	195	\$420	\$13,230
Portland YouthBuilders	0	0	\$0	\$0
Riverdale	16	64	\$560	\$3,920
Roosevelt Campus	3	9	\$105	\$525
Rosemary Anderson	2	8	\$70	\$490
Sabin-Schellenberg	30	102	\$1,050	\$6,090
Scappoose	0	0	\$0	\$0
Sherwood	82	544	\$2,870	\$35,210
Southridge	87	297	\$3,045	\$17,745
St. Helens	71	669	\$2,485	\$44,345
Sunset	22	88	\$770	\$5,390
Tigard	259	2,801	\$9,065	\$187,005
Tualatin	33	198	\$1,155	\$12,705
Westview	147	598	\$5,145	\$36,715
Wilson	48	178	\$1,680	\$10,780
<b>Totals</b>	<b>2,983</b>	<b>19,530</b>	<b>\$104,405</b>	<b>\$1,262,695</b>

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

\*\*Direct costs to each student: \$35 for all credits earned during the 2008-09 academic year.

\*\*\*Savings to students equals total value of credits (at \$70 per credit) minus the \$35 fee charged to each student.



### Tuition & Fees for 2008-09 for 15 credits, resident rate:

Portland Community College	\$1,143 (term)
Portland State University	\$1,936 (term)
Oregon State University	\$2,062 (term)
Oregon University	\$2,476 (term)
Linfield College	\$4,950 (semester)
George Fox University	\$12,930 (12-18 cr per semester)

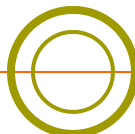
# SAVINGS & COSTS

## SAVINGS AND DIRECT COSTS TO STUDENTS BY SCHOOL DISTRICT

BEAVERTON SCHOOL DISTRICT	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Aloha	145	833	\$5,075	\$53,235
Arts & Communications Magnet Academy	6	42	\$210	\$2,730
Beaverton	230	1,198	\$8,050	\$75,810
CAPITAL Center	75	686	\$2,625	\$45,395
Early College	105	198	\$3,675	\$10,185
Merlo Station	26	48	\$910	\$2,450
Southridge	87	297	\$3,045	\$17,745
Sunset	22	88	\$770	\$5,390
Westview	147	598	\$5,145	\$36,715
<b>Beaverton SD Totals</b>	<b>843</b>	<b>3,988</b>	<b>\$29,505</b>	<b>\$249,655</b>

HILLSBORO SCHOOL DISTRICT	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Century	112	404	\$3,920	\$24,360
Glencoe	146	727	\$5,110	\$45,780
Hillsboro	67	296	\$2,345	\$18,375
Liberty	96	457	\$3,360	\$28,630
<b>Hillsboro SD Totals</b>	<b>421</b>	<b>1,884</b>	<b>\$14,735</b>	<b>\$117,145</b>

LAKE OSWEGO SCHOOL DISTRICT	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Lake Oswego	49	236	\$1,715	\$14,805
Lakeridge	68	571	\$2,380	\$37,590
<b>Lake Oswego SD Totals</b>	<b>117</b>	<b>807</b>	<b>\$4,095</b>	<b>\$52,395</b>



# SAVINGS & COSTS

## SAVINGS AND DIRECT COSTS TO STUDENTS BY SCHOOL DISTRICT CONTINUED

TIGARD-TUALATIN SCHOOL DISTRICT	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Tigard	259	2,801	\$9,065	\$187,005
Tualatin	33	198	\$1,155	\$12,705
<b>Tigard-Tualatin SD Totals</b>	<b>292</b>	<b>2,999</b>	<b>\$10,220</b>	<b>\$199,710</b>

PORTLAND PUBLIC SCHOOLS	UNDUPLICATED STUDENTS*	CREDITS EARNED	COSTS**	SAVINGS***
Alliance at Meek	3	15	\$105	\$945
Benson	150	1,627	\$5,250	\$108,640
Cleveland	48	376	\$1,680	\$24,640
Franklin	193	1,104	\$6,755	\$64,225
Jefferson	10	45	\$350	\$2,800
Madison	85	372	\$2,975	\$23,065
Marshall	93	638	\$3,255	\$41,405
Roosevelt	3	9	\$105	\$525
Wilson	48	178	\$1,680	\$10,780
<b>PPS Totals</b>	<b>633</b>	<b>4,274</b>	<b>\$22,155</b>	<b>\$277,025</b>

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

\*\*Direct costs to each student: \$35 for all credits earned during the 2008-09 academic year.

\*\*\*Savings to students equals total value of credits (at \$70 per credit) minus the \$35 fee charged to each student.

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In 2008-09, PCC Dual Credit involved

17 school districts,

43 high school sites,

140 articulating teachers,

183 articulation agreements,

and 41 PCC programs.



## HIGHLIGHTS FOR 2008-09

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

### 23 NEW HIGH SCHOOL TEACHERS APPROVED

NAME	HIGH SCHOOL	PCC COURSE(S)
Amy Taramasso	Alliance at Meek	CAS 111D, 208
Zeno Idzerda	Benson	DRF 117, 126
Mick Carey	CAPITAL Center	EMT 120, FP 101, 123, 133, 280B
Greg Magnus	CAPITAL Center	CJA 111, 112, 113
David Glide	CAPITAL Center	ED 100
Kristen Grazer	Century	HE 250
Chris Winikka	Century	CAS 106
James Lekas	Early College and Westview	CG 100C, 140B
Maggie Brown	Early College	CG 111C
Harold Hays	Franklin	CJA 100, 111, 112, 113
Clay Davis	Gaston	EMT 120, FP 101, 123, 133, 280B
David Herman	Liberty	HE 250
Lucy Yerby	Madison Campus	MP 109, 110, 111
Colleen Loprinzi	Marshall Campus	HST 201, 202, 203
Shannon Dencer	Merlo Station	CAS 103, 104, 109, 121A, 133, 216A
Teresa Weis	Merlo Station	BA 101, CG 111C, 140B
Peter Siderius	Newberg Campus	LAT 106, 109
Sharon Walesby	Newberg Campus	MTH 111C, 112, 251, 252
Kristyn Westphal	Newberg Campus	ENG 104, 105, WR 121
Allison deFreese	Rosemary Anderson	WR 121
Kari Turner	Sherwood	MP 109, 110, 111
Sue Irwin	Southridge	BA 101
Jason Galbraith	Sunset	CIS 133J



## NINE ARTICULATING TEACHERS ADDED NEW COURSES

NAME	HIGH SCHOOL	PCC COURSE(S)
Michael Halbrook	Aloha	HE 252
Paula Jacobs	Beaverton and Westview	MP 109
Theresa Broeren	Forest Grove	CAS 111F
Jami Duyck	Forest Grove	HOR 290
Rebecca Hufford	Glencoe	CAS 133
Don Domes	Hillsboro	MT 101, 102, 103
Cynthia Schubert	Hillsboro	ART 220
Timothy Biamont	Marshall Campus	CAS 170
John Niebergall	Sherwood	MCH 229

## TOP FIVE PARTICIPATING HIGH SCHOOLS

CREDITS EARNED			UNDUPLICATED STUDENTS		
1.	Tigard	2,801	1.	Tigard	259
2.	Newberg Campus	1,986	2.	Beaverton	230
3.	Benson	1,627	3.	Franklin	193
4.	Beaverton	1,198	4.	Newberg Campus	183
5.	Franklin	1,014	5.	Westview	147

## TOP FIVE CAREER & TECHNICAL EDUCATION ARTICULATING TEACHERS

	NAME	HIGH SCHOOL	CREDITS EARNED	SUBJECT
1.	Brett Anderson	Benson	620	Automotive Services
2.	Dennis Larsen	Aloha	375	Drafting
3.	Barth Clooten	Benson	357	Machine Manufacturing
4.	Julie Martin	Beaverton	318	Computer Applications
5.	Theresa Hawkins	Franklin	305	Computer Applications

## TOP FIVE UNIVERSITY TRANSFER ARTICULATING TEACHERS

	NAME	HIGH SCHOOL	CREDITS EARNED	SUBJECT
1.	Dave Unis	Tigard	1,160	History
2.	Kristyn Westphal	Newberg Campus	844	English/Writing
3.	Murray Carlisle	Tigard	636	History
4.	Bruce Sinkbeil	Newberg Campus	582	Mathematics
5.	Karen Harris	Tigard	512	Biology

# CAREER & TECHNICAL EDUCATION DUAL CREDIT

There were 1,753 Career and Technical Education high school students who earned PCC Dual Credit during the 2008-09 school year, giving them a jump start on their post-secondary education. These students earned 8,684 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	40	150
Automotive Service Technology	115	1,020
Building Construction Technology	46	358
Computer Applications Systems	498	1,896
Computer Information Systems	29	116
Drafting Technology & Design	145	1,069
Early Childhood Education	211	852
Electronic Engineering Technology	0	0
Emergency Medical Technician	43	129
Fire Protection	83	584
Horticulture	3	9
Interior Design	10	30
Landscape Technology	18	56
Machine Manufacturing Technology	108	968
Management & Supervisory Development	10	30
Medical Professions	262	818
Microelectronics Technology	0	0
Office Systems	19	19
Professional Music	34	68
Trade Extension	9	54
Welding	70	458

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

In 2008-09 there were 21 Career & Technical Education programs and 393 courses offered for Dual Credit.

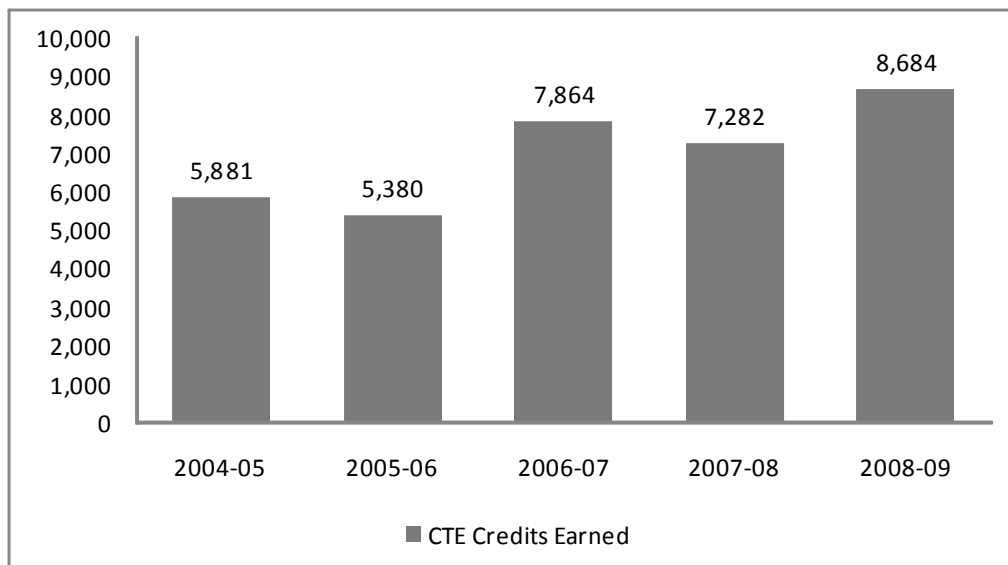
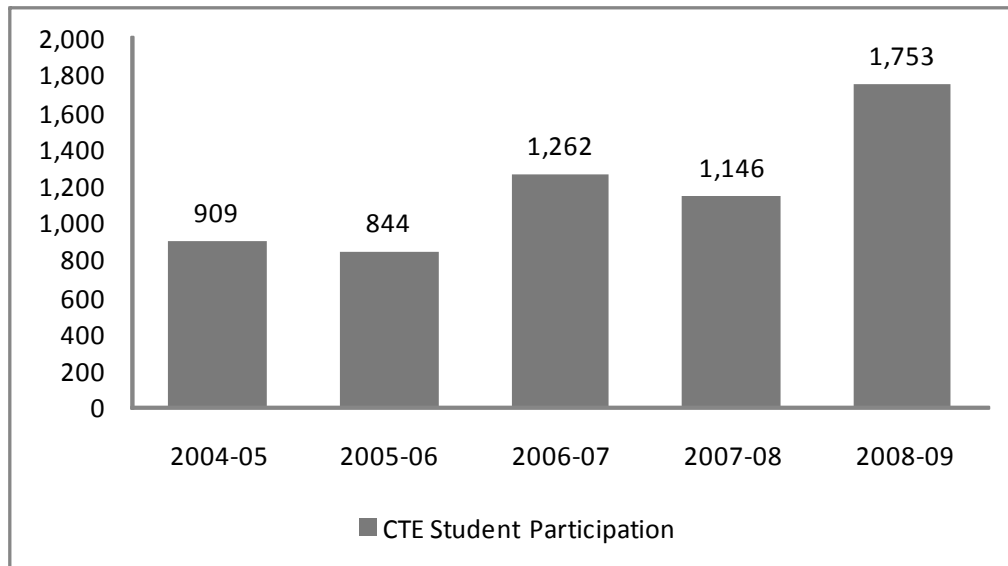


# CAREER & TECHNICAL EDUCATION DUAL CREDIT

## LOOKING AT THE LAST FIVE YEARS

SCHOOL YEAR	SCHOOLS	ARTICULATING TEACHERS	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
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
2008-09	32	89	1,753	8,684	\$607,880

\*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
Computer Applications Systems/ Office Systems	CAS 103	Introduction to Windows	1
	CAS 104	Basic Internet Skills	1
	CAS 106	Introduction to X/HTML	1
	CAS 109	Beginning PowerPoint	1
	CAS 111D	Beginning Website: Dreamweaver	3
	CAS 111F	Beginning Website: FrontPage	3
	CAS 121	Beginning Keyboarding	3
	CAS 121A	Beginning Keyboarding	1
	CAS 133	Basic Computer Skills/MS Office	4
	CAS 140	Beginning Access	3
	CAS 170	Beginning Excel	3
	CAS 175	Introduction to Flash	3
	CAS 206	Principles of HTML/XHTML	4
	CAS 208	Beginning Photoshop for the Web	3
	CAS 216	Beginning Word	3
	CAS 216A	Beginning Word	1
	CAS 246	Integrated Computer Projects	4
	OS 131	10-Key Calculator	1

# CAREER & TECHNICAL EDUCATION PCC COURSES

## BUSINESS & MANAGEMENT (CONTINUED)

Program Area	Course #	PCC Course Name	Credits
Management & Supervisory Development	MSD 101	Principles of Management & Supervision	3
	MSD 121	Leadership Skill Development	3

## 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 Professions	BI 55	Human Biology	4
	MA 121	Legal & Ethical Aspects of Healthcare	3
	MP 109	Basic Medical Terminology I	2
	MP 110	Basic Medical Terminology II	2
	MP 111	Medical Terminology	4

## HUMAN SERVICES

Program Area	Course #	PCC Course Name	Credits
Early Childhood Education	ECE 120	Intro to Early Edu and Family Studies	3
	ECE 132	Early Childhood Field Work	2
	ECE 133	Practicum I	3

## INDUSTRIAL & ENGINEERING SYSTEMS

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

# CAREER & TECHNICAL EDUCATION PCC COURSES

## INDUSTRIAL & ENGINEERING SYSTEMS (CONTINUED)

Program Area	Course #	PCC Course Name	Credits
Architectural Design & Drafting	ARCH 126	Introduction to AutoCAD	3
	ARCH 136	Intermediate AutoCAD	3
	ARCH 200	Intro to Architecture	4
Auto Repair Collision Technology	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
	AMT 107	Materials & Processes	4
Aviation Science	AVS 120	Airplane: Private Pilot Ground	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
	BCT 217	Cabinetry II	2
	BCT 218	Woodworking Projects	2

# CAREER & TECHNICAL EDUCATION PCC COURSES

## INDUSTRIAL & ENGINEERING SYSTEMS (CONTINUED)

Program Area	Course #	PCC Course Name	Credits
Civil/Mechanical Engineering Tech.	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	Intro to Visual Basic.NET Programming	4
	CIS 133J	Java Programming I	4
	CIS 133G	Intro to Games	4
Drafting Technology	DRF 117	Drafting Fundamentals	4
	DRF 126	Introduction to AutoCAD	3
	DRF 133	Intermediate Drafting	4
	DRF 135	Advanced Drafting	3
	DRF 136	Intermediate AutoCAD	3
	DRF 185	AutoCAD Inventor—Fundamentals	3
	DRF 246	AutoCAD 3-D and Solid Modeling	3
	DRF 270	SolidWorks Fundamentals	3
	DRF 285	AutoCAD Inventor—Advanced	3
Electronic Engineering Technology	EET 111	Electrical Circuit Analysis I	5
	EET 121	Digital Systems I	3
	EET 178	PC Architecture for Technicians	4
Machine Manufacturing Technology	MCH 100	Machine Tool Basics	1
	MCH 105	Blueprint Reading I	1.5
	MCH 110	Blueprint Reading II	1.5
	MCH 120	Machine Shop Math	2
	MCH 123	Sheet Metal Fabrication	4
	MCH 125	Speeds and Feeds	1
	MCH 135	Basic Measuring Tools	1.5
	MCH 145	Layout Tools	1.5

# CAREER & TECHNICAL EDUCATION PCC COURSES

## INDUSTRIAL & ENGINEERING SYSTEMS (CONTINUED)

Program Area	Course #	PCC Course Name	Credits
Machine Manufacturing Technology	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 229	Rapid Prototyping	5
	MCH 272	Mastercam Level I	5
Microelectronics Technology	MT 101	Intro to Semiconductors Manuf.	1
	MT 102	Intro to Semiconductors Development	1
	MT 103	Intro to Micro and Nano Process	1
	MT 111	Electronic Circuits & Devices I	4
	MT 121	Digital Systems I	3
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)

Program Area	Course #	PCC Course Name	Credits
Welding	WLD 141	Flux-Cored Arc Welding I	3
	WLD 151	SMAW Certification Practice: Unlimited Thickness Mild Steel	3
	WLD 253	SMAW Certification Practice: 3/8" Mild Steel (E6011)	3
	WLD 254	SMAW Certification Practice: 3/8 " Mild Steel (E6011)	3
	WLD 261	Basic Fabrication I	6
	WLD 271	Oxy-acetylene Welding Projects	3

## NATURAL RESOURCES SYSTEMS

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	Wildland Firefighter	3
	FP 280B	Cooperative Education: Fire Science	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

## UNIVERSITY TRANSFER DUAL CREDIT

University Transfer credit counts toward a Bachelor's degree in such subject areas as English, Physics, History and Mathematics, 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.

There were 1,958 University Transfer high school students who earned PCC Dual Credit during the 2008-09 school year, giving them a jump start on their post-secondary education. These students earned 10,846 University Transfer credits.

PCC PROGRAM AREA	UNDUPLICATED STUDENTS*	CREDITS EARNED
American Sign Language	51	148
Art	79	209
Biology	253	1,420
Business Administration	108	360
Career Guidance & Counseling	158	251
Criminal Justice	85	606
Crop Soil Science	1	3
Dance	16	87
Education	5	15
English	193	1,052
General Science	3	12
Health	207	780
History	239	2,532
Mathematics	232	1,974
Music	0	0
Physics	53	304
Psychology	91	364
Reading	7	21
Spanish	70	280
Writing	107	428

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

In 2008-09 there were 20 University Transfer programs  
and 128 courses offered for Dual Credit.



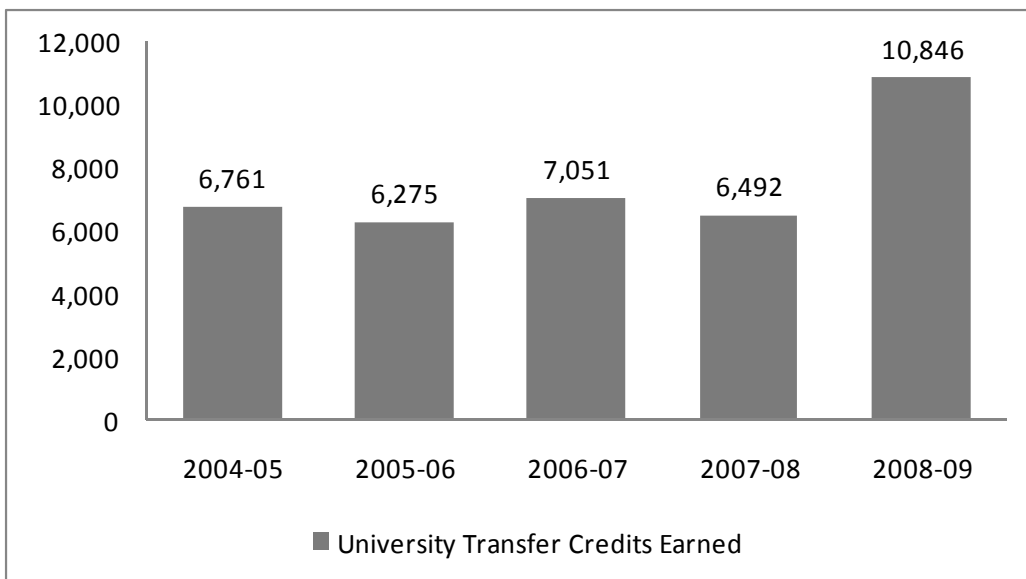
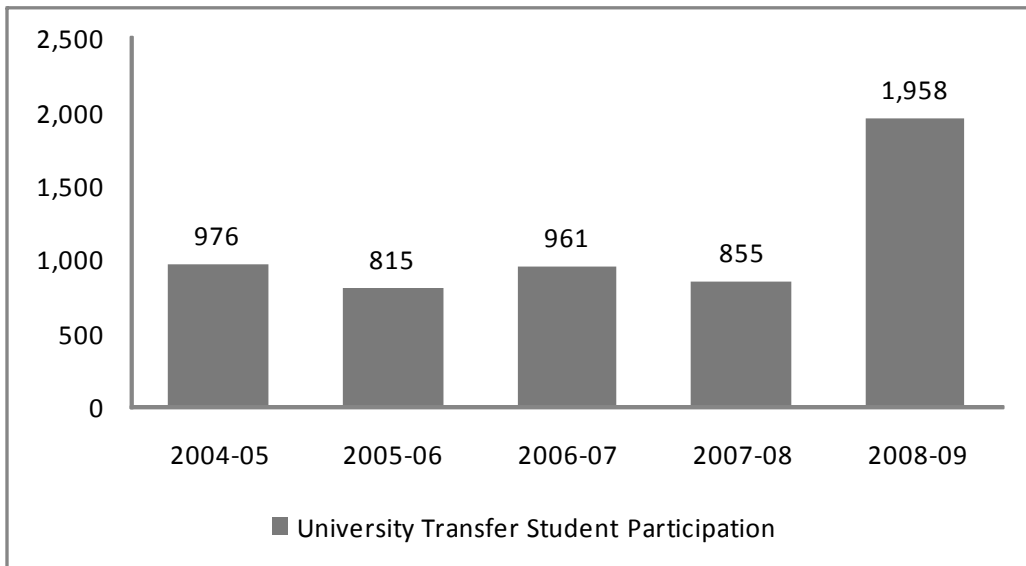


# UNIVERSITY TRANSFER DUAL CREDIT

## LOOKING AT THE LAST FIVE YEARS

SCHOOL YEAR	SCHOOLS	ARTICULATING TEACHERS	UNDUPLICATED STUDENTS*	CREDITS EARNED	CREDIT VALUE
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
<b>2008-09</b>	<b>30</b>	<b>62</b>	<b>1,958</b>	<b>10,846</b>	<b>\$759,220</b>

\*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 218	Lettering & Calligraphy I	2
	ART 220	Advanced Lettering and Seminar	2
Biology	BI 101	Biology	4
	BI 102	Biology	4
	BI 103	Biology	4
	BI 121	Intro to Human Anatomy & Physiology I	4
	BI 122	Intro to Human Anatomy & Physiology II	4
Business Administration	BA 101	Introduction to Business	4
	BA 111	Introduction to Accounting	3
Chemistry	CH 100	Fundamentals of 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
	CS 160	Exploring Computer Science	4
	CS 161	Computer Science I	4
	CS 162	Computer Science II	4
Career Counseling & Guidance	CG 100A	College Survival and Success	3

# UNIVERSITY TRANSFER COURSES DUAL CREDIT

UNIVERSITY TRANSFER (CONTINUED)			
Program Area	Course #	PCC Course Name	Credits
Career Counseling & Guidance	CG 100B	College Survival and Success	2
	CG 100C	College Survival and Success	1
	CG 111C	Study Skills for College Learning	1
	CG 130	Today's Careers	2
	CG 140A	Career & Life Planning	3
	CG 140B	Career & Life Planning	2
	CG 140C	Career & Life Planning	1
Criminal Justice	CJA 100	Intro to Professions in Criminal Justice	3
	CJA 111	Intro to Criminal Justice System-Police	3
	CJA 112	Intro to Criminal Justice System-Courts	3
	CJA 113	Intro to Criminal Justice System-Corrections	3
	CJA 215	Forensic Science & Criminalistics	3
Crop Soil Science	CSS 200	Soils and Plant Nutrition	3
Dance	D 150	Jazz Dance I	1
	D 151	Jazz Dance II	1
	D 192D	Modern Dance II	1
	D 209	Dance Performance	3
	D 252	Jazz Dance III	1
Education	ED 100	Introduction to Education	3
Engineering	ENGR 100	Exploring Engineering	1
English	ENG 104	Introduction to Literature (Fiction)	4
	ENG 105	Introduction to Literature (Drama)	4
	ENG 106	Introduction to Literature (Poetry)	4
	ENG 213	Latin American Literature	4
Environmental Studies	ESR 150	Environmental Studies Orientation	1
	ESR 160	Introduction to Environmental Systems	4

# UNIVERSITY TRANSFER COURSES DUAL CREDIT

UNIVERSITY TRANSFER (CONTINUED)			
Program Area	Course #	PCC Course Name	Credits
French	FR 101	First Year French	4
	FR 102	First Year French	4
	FR 103	First Year French	4
General Science	GS 108	Physical Science (Oceanography)	4
German	GER 101	First Year German	4
	GER 102	First Year German	4
	GER 103	First Year German	4
Health	HE 112	First Aid and Emergency Care	1
	HE 250	Personal Health	3
	HE 252	First Aid-Basics and Beyond	4
History	HST 101	Western Civilization: Ancient World to Early Medieval Europe	4
	HST 102	Western Civilization: Medieval to Early Modern Europe	4
	HST 103	Western Civilization: Modern Europe	4
	HST 201	History of the United States I	4
	HST 202	History of the United States II	4
	HST 203	History of the United States III	4
Japanese	JPN 102	First Year Japanese	5
Mathematics	MTH 95	Intermediate Algebra	4
	MTH 111C	College Algebra for Math, Science & Engineering	5
	MTH 112	Elementary Functions	5
	MTH 251	Calculus I	4
	MTH 252	Calculus II	5
	MTH 253	Calculus III	5
Music	MUS 110	Fundamentals of Music	3
	MUS 221	Chorus: Chamber Choir	1

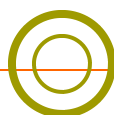
# UNIVERSITY TRANSFER COURSES DUAL CREDIT

UNIVERSITY TRANSFER (CONTINUED)			
Program Area	Course #	PCC Course Name	Credits
Physical Education	PE 185A	Beginning Basketball	1
	PE 185D	Beginning Volleyball	1
	PE 185G	Beginning Soccer	1
Physics	PHY 101	Fundamentals of Physics I	4
	PHY 102	Fundamentals of Physics II	4
	PHY 103	Fundamentals of Physics III	4
	PHY 201	General Physics	4
	PHY 202	General Physics	4
	PHY 203	General Physics	4
	PHY 211	General Physics (Calculus)	5
	PHY 213	General Physics (Calculus)	5
Psychology	PSY 201	Intro to Psychology-Part I	4
Reading	RD 115	College Reading	3
Spanish	SPA 101	First Year Spanish: First Term	4
	SPA 102	First Year Spanish: Second Term	4
	SPA 103	First Year Spanish: Third Term	4
Writing	WR 115	Introduction to Expository Writing	3
	WR 117	Introduction to Technical Writing	3
	WR 121	English Composition	4

For further information on offering PCC Dual Credit at your high school please contact:

Karen Jones  
*PAVTEC Partnerships Coordinator*  
 503-614-7736  
[kjones@pcc.edu](mailto:kjones@pcc.edu)

Jacqlyn Proper  
*PCC Dual Credit Specialist*  
 503-614-7737  
[jstephan@pcc.edu](mailto:jstephan@pcc.edu)



## 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 2008-2009 school year and the total number of credits earned and how many students registered for each course (represented here as duplicated students).

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- 58 Madison 'S' High School
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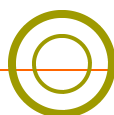
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- 78 Tualatin High School
- 79 Westview High School
- 80 Wilson High School



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Alliance at Meek High School / Career &amp; Technical Education</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
AM 101	Unit 1: Engine Repair I (4)	Introduction to Engine Repair I, II	John Billups	0	0
AM 102	Unit 2: Electrical Systems I (4)	Electrical Systems I	John Billups	0	0
AM 103	Unit 3: Engine Performance I (4)	Intro to Auto Engine Tech I, II	John Billups	0	0
AM 105	Unit 5: Brakes Systems I (4)	Brakes I, II	John Billups	0	0
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Basic Auto Systems I, II	John Billups	0	0
<b>Computer Applications Systems/Office Systems</b>		<b>(Business &amp; Management)</b>		<b>3</b>	<b>1</b>
CAS 111D	Beginning Website: Dreamweaver (3)	Arts & Communication III	Amy Taramasso	0	0
CAS 208	Beginning Photoshop for the Web (3)	Arts & Communication I	Amy Taramasso	3	1
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>		<b>8</b>	<b>4</b>
MCH 100	Machine Tool Basics (1)	Machining A	Paul Reetz	1	1
MCH 105	Blueprint Reading I (1.5)	Machining B	Paul Reetz	1.5	1
MCH 110	Blueprint Reading II (1.5)	Machining G	Paul Reetz	0	0
MCH 120	Machine Shop Math (2)	Machining F	Paul Reetz	0	0
MCH 125	Speeds and Feeds (1)	Machining B or F	Paul Reetz	0	0
MCH 135	Basic Measuring Tools (1.5)	Machining B	Paul Reetz	1.5	1
MCH 145	Layout Tools (1.5)	Machining F	Paul Reetz	0	0
MCH 150	Precision Measuring Tools (1.5)	Machining F	Paul Reetz	0	0
MCH 160	Drilling Machines & Operations (2)	Machining F	Paul Reetz	0	0
MCH 180	Turning Machines and Operations (4)	Machining B	Paul Reetz	4	1
MCH 205	Vertical Milling Machine and Operations (3.5)	Machining F	Paul Reetz	0	0
<b>Welding</b>		<b>(Industrial and Engineering)</b>		<b>4</b>	<b>1</b>
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Welding A-B	Paul Reetz	4	1
WLD 112	SMAW: Mild Steel I (E7018) (4)	Welding C-D	Paul Reetz	0	0
WLD 113	SMAW: Mild Steel II (E7018) (4)	Welding E-F	Paul Reetz	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Welding G-H	Paul Reetz	0	0
WLD 131	Gas Metal Arc Welding (3)	Welding K-L	Paul Reetz	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Welding O-P	Paul Reetz	0	0
<b>Summary for Alliance at Meek High School / Career &amp; Technical Education</b>				<b>15</b>	<b>6</b>





## 2008-2009 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

<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>		<b>212</b>	<b>53</b>
AM 102	Unit 2: Electrical Systems I (4)	Automotive Technology II	Louise Drow	48	12
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	164	41
<b>Computer Applications Systems / Office Systems</b>		<b>(Business &amp; Management)</b>		<b>132</b>	<b>44</b>
CAS 121	Beginning Keyboarding (3)	Keyboarding I	Jeff Smith	132	44
<b>Drafting Technology</b>		<b>(Industrial and Engineering)</b>		<b>375</b>	<b>101</b>
ARCH 101	Architectural Graphics 1 (3)	Architecture Design II	Dennis Larsen	3	1
ARCH 111	Working Drawings 1 (3)	Architecture Design I	Dennis Larsen	30	10
DRF 117	Drafting Fundamentals (4)	Drafting I	Dennis Larsen	216	54
DRF 126	Introduction to AutoCAD (3)	Drafting II	Dennis Larsen	54	18
DRF 133	Intermediate Drafting (4)	Drafting II	Dennis Larsen	72	18
<b>Summary for Aloha High School / Career &amp; Technical Education</b>				<b>719</b>	<b>198</b>

### Aloha High School / University Transfer

<b>Health</b>		<b>(Health Services)</b>		<b>114</b>	<b>30</b>
HE 250	Personal Health (3)	Health Topics: Advanced Health	Michael Halbrook	18	6
HE 252	First Aid—Basics & Beyond (4)	First Basics & Beyond	Michael Halbrook	96	24
<b>Summary for Aloha High School / University Transfer</b>				<b>114</b>	<b>30</b>



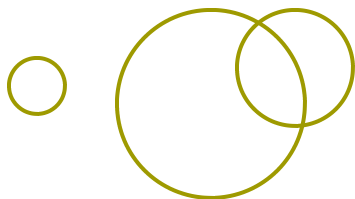
## 2008-2009 Articulation Details by Discipline and Career Focus Area

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)		42	30
D 150	Jazz Dance I (1)	Beginner Dance	Felice Moskowitz	0	0
D 150	Jazz Dance I (1)	Beginner Dance	Julane Stites	6	6
D 151	Jazz Dance II (1)	Intermediate Dance	Felice Moskowitz	0	0
D 151	Jazz Dance II (1)	Intermediate Dance	Julane Stites	6	6
D 192D	Modern Dance II (1)	Advanced Dance	Julane Stites	6	6
D 209	Dance Performance (3)	Performance Dance West/ Dance Ensemble	Julane Stites	18	6
D 252	Jazz Dance III (1)	Advanced Dance	Felice Moskowitz	0	0
D 252	Jazz Dance III (1)	Advanced Dance	Julane Stites	6	6

**Summary for Arts & Communication Magnet Academy / University Transfer** **42** **30**

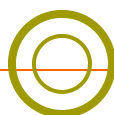


## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Banks High School / Career &amp; Technical Education</b>					
<b>Emergency Medical Technician</b>		<b>(Health Services)</b>		<b>39</b>	<b>13</b>
EMT 120	Emergency Medical Service: First Responder (3)	Fire Fighter - Entry Level	Levi Eckhardt	39	13
<b>Fire Protection Technology</b>		<b>(Natural Resource Systems)</b>		<b>214</b>	<b>81</b>
FP 101	Introduction to Fire Protection (3)	Introduction to Fire Protection	Levi Eckhardt	63	21
FP 123	Hazardous Materials Technician I (3)	Hazardous Materials Technician I	Levi Eckhardt	63	21
FP 133	Wildland Firefighter (3)	Wildland Firefighter	Levi Eckhardt	30	10
FP 280B	Cooperative Education: Fire (2) Science - Seminar	Cooperative Education: Fire Science - Seminar	Levi Eckhardt	58	29
<b>Welding</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
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
<b>Summary for Banks High School / Career &amp; Technical Education</b>				<b>253</b>	<b>94</b>

## Banks High School / University Transfer

<b>Biology</b>		<b>(None)</b>		<b>196</b>	<b>49</b>
BI 101	Biology (4)	Advanced AP Biology	Carol Pallett	68	17
BI 102	Biology (4)	Advanced AP Biology	Carol Pallett	64	16
BI 103	Biology (4)	Advanced AP Biology	Carol Pallett	64	16
<b>English</b>		<b>(None)</b>		<b>156</b>	<b>39</b>
ENG 104	Introduction to Literature (Fiction) (4)	Honors English 12	Diane Coughlin	80	20
WR 121	English Composition (4)	Honors English 12	Diane Coughlin	76	19
<b>Summary for Banks High School / University Transfer</b>				<b>352</b>	<b>88</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

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

### Beaverton High School / Career & Technical Education

#### Computer Applications Systems / Office Systems (Business & Management) 482 147

CAS 121	Beginning Keyboarding (3)	Keyboarding I	Julie Martin	318	106
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications I	Kathryn Robinson	164	41

#### Drafting Technology (Industrial and Engineering) 24 7

ARCH 111	Working Drawings 1 (3)	Drafting II	Paul Webb	6	2
DRF 117	Drafting Fundamentals (4)	Drafting I	Paul Webb	12	3
DRF 126	Introduction to AutoCAD (3)	Drafting II	Paul Webb	6	2

#### Medical Professions (Health Services) 432 136

BI 55	Human Biology (4)	Human Anatomy & Physiology	Matt Bayha	176	44
MP 109	Basic Medical Terminology (2)	Advanced Health Careers	Paula Jacobs	112	56
MP 111	Medical Terminology (4)	Advanced Health Careers	Paula Jacobs	36	9
MP 111	Medical Terminology (4)	Advanced Health Careers	Kathleen Newell	48	12
MP 111	Medical Terminology (4)	Advanced Health Careers	Andrea Ellis	24	6
MP 111	Medical Terminology (4)	Advanced Health Careers	Matt Bayha	36	9

#### Summary for Beaverton High School / Career & Technical Education 938 290

### Beaverton High School / University Transfer

#### Health (Health Services) 260 65

HE 252	First Aid - Basics and Beyond (4)	Health Careers	Paula Jacobs	260	65
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#### Summary for Beaverton High School / University Transfer 260 65

## 2008-2009 Articulation Details by Discipline and Career Focus Area

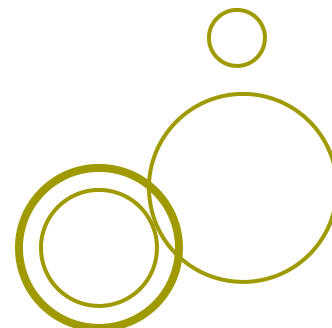
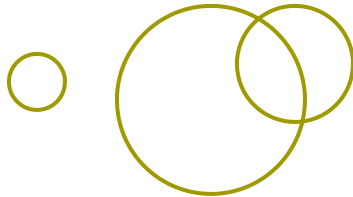
Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Benson High School / Career &amp; Technical Education</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>		<b>620</b>	<b>155</b>
AM 101	Unit 1: Engine Repair I (4)	Automotive III	Brett Anderson	96	24
AM 102	Unit 2: Electrical Systems I (4)	Automotive IV	Brett Anderson	108	27
AM 103	Unit 3: Engine Performance I (4)	Automotive IV	Brett Anderson	108	27
AM 104	Unit 4: Steering and Suspension (4)	Automotive III	Brett Anderson	100	25
	Systems I (4)				
AM 105	Unit 5: Brakes Systems I (4)	Automotive III	Brett Anderson	100	25
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive IV	Brett Anderson	108	27
<b>Building Construction Technology</b>		<b>(Industrial and Engineering)</b>		<b>33</b>	<b>11</b>
BCT 102	Residential Printreading (3)	Building Construction	Tony Franciscone	12	4
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	3	1
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 Safety (3)	Building Construction	Tony Franciscone	18	6
BCT 106	Hand Tool/Power Tool Use Safety (3)	Building Construction	Joseph Mauck	0	0
BCT 106	Hand Tool/Power Tool Use Safety (3)	Building Construction	Richard Weber	0	0
BCT 120	Floor Framing (3)	Building Construction	Tony Franciscone	0	0
BCT 120	Floor Framing (3)	Building Construction	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
<b>Computer Applications Systems / Office Systems</b>		<b>(Business &amp; Management)</b>		<b>146</b>	<b>88</b>
CAS 106	Introduction to X/HTML (1)	Introduction to X/HTML	Dave Thompson	29	29
CAS 109	Beginning PowerPoint (1)	Beginning PowerPoint	Dave Thompson	30	30
CAS 111D	Beginning Website: Dreamweaver (3)	Beginning Website Creation	Dave Thompson	87	29
<b>Drafting Technology</b>		<b>(Industrial and Engineering)</b>		<b>283</b>	<b>81</b>
DRF 117	Drafting Fundamentals (4)	Engineering Drawing	David Shaw	52	13
DRF 126	Introduction to AutoCAD (3)	Engineering Drawing	Zeno Idzerda	0	0
DRF 126	Introduction to AutoCAD (3)	Engineering Drawing	David Shaw	39	13
DRF 133	Intermediate Drafting (4)	Engineering Drawing	Zeno Idzerda	0	0
DRF 133	Intermediate Drafting (4)	Engineering Drawing	David Shaw	52	13
DRF 135	Advanced Drafting I (4)	Engineering Drawing	David Shaw	56	14
DRF 136	Intermediate AutoCAD (3)	Engineering Drawing	David Shaw	42	14
DRF 246	AutoCAD 3-D and Solid Modeling (3)	Engineering Drawing	David Shaw	42	14

## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Benson High School / Career &amp; Technical Education</b>					
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>		<b>357</b>	<b>149</b>
MCH 100	Machine Tool Basics (1)	Manufacturing IV	Barth Clooten	11	11
MCH 100	Machine Tool Basics (1)	Manufacturing IV	Joseph Mauck	0	0
MCH 105	Blueprint Reading I (1.5)	Manufacturing IV	Barth Clooten	16.5	11
MCH 105	Blueprint Reading I (1.5)	Manufacturing IV	Joseph Mauck	0	0
MCH 110	Blueprint Reading II (1.5)	Manufacturing IV	Barth Clooten	16.5	11
MCH 110	Blueprint Reading II (1.5)	Manufacturing IV	Joseph Mauck	0	0
MCH 120	Machine Shop Math (2)	Manufacturing IV	Barth Clooten	22	11
MCH 120	Machine Shop Math (2)	Manufacturing IV	Joseph Mauck	0	0
MCH 123	Sheet Metal Fabrication (4)	Manufacturing III	Barth Clooten	56	14
MCH 123	Sheet Metal Fabrication (4)	Manufacturing III	Joseph Mauck	0	0
MCH 125	Speeds and Feeds (1)	Manufacturing IV	Barth Clooten	11	11
MCH 125	Speeds and Feeds (1)	Manufacturing IV	Joseph Mauck	0	0
MCH 135	Basic Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	16.5	11
MCH 135	Basic Measuring Tools (1.5)	Manufacturing IV	Joseph Mauck	0	0
MCH 145	Layout Tools (1.5)	Manufacturing IV	Barth Clooten	16.5	11
MCH 145	Layout Tools (1.5)	Manufacturing IV	Joseph Mauck	0	0
MCH 150	Precision Measuring Tools (1.5)	Manufacturing IV	Barth Clooten	16.5	11
MCH 150	Precision Measuring Tools (1.5)	Manufacturing IV	Joseph Mauck	0	0
MCH 160	Drilling Machines & Operations (2)	Manufacturing IV	Barth Clooten	22	11
MCH 160	Drilling Machines & Operations (2)	Manufacturing IV	Joseph Mauck	0	0
MCH 180	Turning Machines and Operations (4)	Manufacturing IV	Barth Clooten	44	11
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	38.5	11
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	70	14
MCH 272	Mastercam Level I (5)	Manufacturing III	Joseph Mauck	0	0
<b>Medical Professions</b>		<b>(Health Services)</b>		<b>36</b>	<b>9</b>
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Markeeta Koch	0	0
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Kathy Lloyd	36	9
MP 111	Medical Terminology (4)	Medical Dental Practice Preparation	Sally Niedermeyer	0	0
<b>Trade Extension</b>		<b>(Industrial and Engineering)</b>		<b>54</b>	<b>27</b>
TE 9145	Electrical Motor Controls (2)	Electric IV	Tim Hryciw	18	9
TE 9237	Refrigeration Electrical I (2)	Electric IV	Tim Hryciw	18	9
TE 9238	Refrigeration Electrical II (2)	Electric IV	Tim Hryciw	18	9
TE 9242	Refrigeration I (2)	Electric IV	Tim Hryciw	0	0
TE 9243	Refrigeration II (2)	Electric IV	Tim Hryciw	0	0

## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Benson High School / Career &amp; Technical Education</b>					
<b>Welding</b>		<b>(Industrial and Engineering)</b>		<b>98</b>	<b>28</b>
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Manufacturing III	Barth Clooten	56	14
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	42	14
WLD 271	Oxy-acetylene Welding Projects (3)	Manufacturing III	Joseph Mauck	0	0
<b>Summary for Benson High School / Career &amp; Technical Education</b>				<b>1,627</b>	<b>548</b>



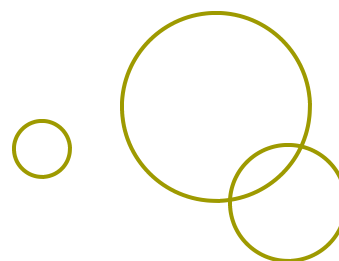


## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>CAPITAL Center HS Technology Institute / Career &amp; Technical Education</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>		<b>132</b>	<b>33</b>
AM 102	Unit 2: Electrical Systems I (4)	Automotive Technology I & II-1st Year	Louise Drow	0	0
AM 103	Unit 3: Engine Performance I (4)	Automotive Technology I & II-2nd Year	Louise Drow	44	11
AM 104	Unit 4: Steering and Suspension (4)	Automotive Technology I & II-2nd Year	Louise Drow	44	11
AM 105	Unit 5: Brakes Systems I (4)	Automotive Technology I & II-First Year	Louise Drow	0	0
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive Technology I & II First Year	Louise Drow	44	11
<b>Emergency Medical Technician</b>		<b>(Health Services)</b>		<b>81</b>	<b>27</b>
EMT 120	Emergency Medical Service (3) First Responder	Fire Science I	Mick Carey	39	13
EMT 120	Emergency Medical Service (3) First Responder	Fire Science I	Rodney Linz	42	14
<b>Fire Protection Technology</b>		<b>(Natural Resource Systems)</b>		<b>269</b>	<b>102</b>
FP 101	Introduction to Fire Protection (3)	Fire Science I	Mick Carey	39	13
FP 101	Introduction to Fire Protection (3)	Fire Science I	Rodney Linz	45	15
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Mick Carey	12	4
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Rodney Linz	15	5
FP 133	Wildland Firefighter (3)	Fire Science I	Mick Carey	39	13
FP 133	Wildland Firefighter (3)	Fire Science I	Rodney Linz	45	15
FP 280B	Cooperative Education: Seminar (2)	Fire Science I & II	Mick Carey	36	18
FP 280B	Cooperative Education: Seminar (2)	Fire Science I & II	Rodney Linz	38	19
<b>Summary for CAPITAL Center HS Technology Institute / Career &amp; Technical Education</b>				<b>482</b>	<b>162</b>
<b>CAPITAL Center HS Technology Institute / University Transfer</b>					
<b>Criminal Justice</b>		<b>(Human Services)</b>		<b>189</b>	<b>63</b>
CJA 111	Introduction to Criminal Justice System - Police (3)	Law Enforcement	Greg Magnus	63	21
CJA 112	Introduction to Criminal Justice System-Courts (3)	Law Enforcement	Greg Magnus	63	21
CJA 113	Introduction to Criminal Justice System-Corrections (3)	Law Enforcement	Greg Magnus	63	21
<b>Education</b>		<b>(Human Services)</b>		<b>15</b>	<b>5</b>
ED 100	Introduction to Education (3)	Teaching as a Profession	David Gilde	15	5
<b>Summary for CAPITAL Center HS Technology Institute / University Transfer</b>				<b>204</b>	<b>68</b>

## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)	Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits Students
<b>Central Catholic High School / Career &amp; Technical Education</b>				
<b>Computer Information Systems</b>		<b>(Industrial and Engineering)</b>		
CIS 133B	Introduction to Visual Basic.NET Programming (4)	Programming I	Jerry Kearns	28 7
<b>Summary for Central Catholic High School / Career &amp; Technical Education</b>				<b>28 7</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
<b>Century High School / Career &amp; Technical Education</b>				
<b>Computer Applications Systems / Office Systems</b>	<b>(Business &amp; Management)</b>		<b>183</b>	<b>48</b>
CAS 133 Basic Computer Skill/MS Office (4)	Basic Business & Computer Applications	Raya Nichols	180	45
CAS 106 Introduction to X/HTML (1)	Web Design	Chris Winikka	3	3
<b>Early Childhood Education</b>	<b>(Human Services)</b>		<b>27</b>	<b>9</b>
ECE 120 Introduction to Early Education and Family Studies (3)	Child Services I	Alia Laack	15	5
ECE 133 Practicum I (3)	Child Services II	Alia Laack	12	4
<b>Medical Professions</b>	<b>(Health Services)</b>		<b>92</b>	<b>23</b>
MP 111 Medical Terminology (4)	Health Services II	Rachelle Carnes	92	23
<b>Summary for Century High School / Career &amp; Technical Education</b>			<b>302</b>	<b>80</b>

## Century High School / University Transfer

<b>Health</b>	<b>(Health Services)</b>		<b>102</b>	<b>34</b>
HE 250 Personal Health (3)	Anatomy & Physiology/Health Services I	Rachelle Carnes	51	17
HE 250 Personal Health (3)	Anatomy & Physiology/Health Services I	Kristin Grazer	51	17
HE 252 First Aid - Basics and Beyond (4)	Health Services I	Rachelle Carnes	0	0
<b>Summary for Century High School / University Transfer</b>			<b>102</b>	<b>34</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Clark County Skills Center / University Transfer</b>					
<b>Criminal Justice</b>		<b>(Human Services)</b>		<b>96</b>	<b>32</b>
CJA 111	Introduction to Criminal Justice System - Police (3)	Criminal Justice I	Ron Epperson	63	21
CJA 112	Introduction to Criminal Justice System-Courts (3)	Criminal Justice II	Ron Epperson	33	11
<b>Summary for Clark County Skills Center / University Transfer</b>				<b>96</b>	<b>32</b>

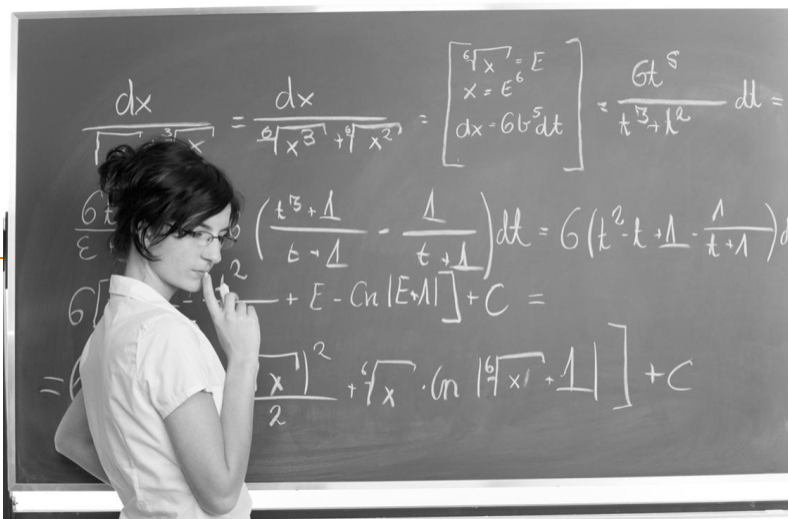


## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
Cleveland High School / Career & Technical Education					
Computer Applications Systems / Office Systems		(Business & Management)		4	2
CAS 109	Beginning PowerPoint (1)	Computer Applications I-II	Zita Podany	1	1
CAS 216	Beginning Word (3)	Computer Applications I-II	Zita Podany	3	1
CAS 216A	Beginning Word (1)	Computer Applications I-IV	Zita Podany	0	0
Summary for Cleveland High School / Career & Technical Education				4	2

## Cleveland High School / University Transfer

<b>Mathematics</b>	<b>(None)</b>		<b>372</b>	<b>82</b>	
MTH 251 Calculus I (4)	International Baccalaureate Math (SL)	Kari Freeman	152	38	
MTH 252 Calculus II (5)	Advanced Placement Calculus (AB)	Kari Freeman	180	36	
MTH 253 Calculus III (5)	International Baccalaureate Math (HL)	Natasha Khvilivitsky	40	8	
<b>Summary for Cleveland High School / University Transfer</b>			<b>372</b>	<b>82</b>	



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Early College High School / University Transfer</b>					
<b>Career Guidance &amp; Counseling</b>		<b>(Human Services)</b>		<b>198</b>	<b>128</b>
CG 100C	College Success & Survival (1)	College Success & Survival	James Lekas	32	32
CG 111C	Study Skills for College Learning (1)	Study Skills for College Learning	Maggie Brown	26	26
CG 140B	Career & Life Planning (2)	Career & Life Planning	James Lekas	140	70
<b>Summary for Early College High School / University Transfer</b>				<b>198</b>	<b>128</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

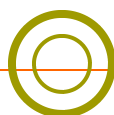
Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Forest Grove High School / Career &amp; Technical Education</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>		<b>4</b>	<b>1</b>
AM 101	Unit 1: Engine Repair I (4)	Auto Tech I	Tom Redwine	0	0
AM 102	Unit 2: Electrical Systems I (4)	Auto Tech II	Tom Redwine	0	0
AM 105	Unit 5: Brakes Systems I (4)	Auto Tech II	Tom Redwine	0	0
AM 108	Unit 8: Introduction to Automotive (4)	Auto Tech I	Tom Redwine	4	1
<b>Building Construction Technology</b>		<b>(Industrial and Engineering)</b>		<b>245</b>	<b>68</b>
BCT 102	Residential Printreading (3)	Architectural Drawing I & II	Chuck Thurber	6	2
BCT 104	Construction Mathematics (3)	Advanced Building Construction	Chris Higginbotham	0	0
BCT 106	Hand Tool/Power Tool Use Safety (3)	Advanced Building Construction	Chris Higginbotham	45	15
BCT 120	Floor Framing (3)	Advanced Building Construction	Chris Higginbotham	45	15
BCT 121	Wall Framing (3)	Advanced Building Construction	Chris Higginbotham	45	15
BCT 122	Roof Framing I (3)	Advanced Building Construction	Chris Higginbotham	6	2
BCT 128	Exterior Finish (6)	Advanced Building Construction	Chris Higginbotham	90	15
BCT 216	Cabinetry I (2)	Woods II	Chuck Thurber	8	4
<b>Computer Applications Systems / Office Systems</b>		<b>(Business &amp; Management)</b>		<b>55</b>	<b>33</b>
CAS 109	Beginning PowerPoint (1)	Computer Applications/Comp. Apps. for Bus. Word Processing	Theresa Broeren	11	11
CAS 111D	Beginning Website: Dreamweaver (3)	Web Page Design	Theresa Broeren	33	11
CAS 133	Basic Computer Skill/MS Office (4)	Advanced Computer Applications	Theresa Broeren	0	0
CAS 216A	Beginning Word (1)	Computer Applications for Business Word Processing	Theresa Broeren	11	11
<b>Drafting Technology</b>		<b>(Industrial and Engineering)</b>		<b>10</b>	<b>3</b>
ARCH 111	Working Drawings 1 (3)	Architectural Drafting I/II	Chuck Thurber	6	2
DRF 117	Drafting Fundamentals (4)	Drafting I & II	Chuck Thurber	4	1
DRF 133	Intermediate Drafting (4)	Drafting II & III	Chuck Thurber	0	0
<b>Early Childhood Education</b>		<b>(Human Services)</b>		<b>42</b>	<b>14</b>
ECE 120	Introduction to Early Education and Family Studies (3)	Childcare III	Lisa Weisenfluh	21	7
ECE 133	Practicum I (3)	Childcare III	Lisa Weisenfluh	21	7
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>		<b>9</b>	<b>3</b>
HOR 290	Introduction to Landscape Design (3)	Landscape Design & Nursery Production	Jami Duyck	9	3
HOR 290	Introduction to Landscape Design (3)	Landscape Design & Nursery Production	Charlie Vandehey	0	0
LAT 109	Plant Propagation (3)	Introduction to Horticulture	Jami Duyck	0	0
LAT 109	Plant Propagation (3)	Introduction to Horticulture	Charlie Vandehey	0	0

## 2008-2008 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Forest Grove High School / Career &amp; Technical Education</b>					
<b>Medical Professions</b>		<b>(Health Services)</b>		<b>168</b>	<b>42</b>
BI 55	Human Biology (4)	Human Biology	Ron Romanick	120	30
MP 111	Medical Terminology (4)	Medical Terminology	Ron Romanick	48	12
<b>Welding</b>		<b>(Industrial &amp; Engineering)</b>		<b>4</b>	<b>1</b>
WLD 111	SMAW: Mild Steel (E7024) (4) & Oxy-acetylene Cutting	Metals II	Jami Duyck	4	1
<b>Summary for Forest Grove High School / Career &amp; Technical Education</b>				<b>537</b>	<b>165</b>

## Forest Grove High School / University Transfer

<b>Business Administration</b>		<b>(Business &amp; Management)</b>		<b>30</b>	<b>10</b>
BA 111	Introduction to Accounting (3)	Accounting I	Theresa Broeren	30	10
<b>Crop Soil Science</b>		<b>(None)</b>		<b>0</b>	<b>0</b>
CSS 200	Soils and Plant Nutrition (3)	Intro to Horticulture	Jami Duyck	0	0
CSS 200	Soils and Plant Nutrition (3)	Intro to Horticulture	Charlie Vandehey	0	0
<b>Mathematics</b>		<b>(None)</b>		<b>384</b>	<b>80</b>
MTH 111C	College Algebra for Math, Science & Engineering (5)	Pre-Calculus	Mike Wanner	125	25
MTH 112	Elementary Functions (5)	Pre-Calculus	Mike Wanner	135	27
MTH 251	Calculus I (4)	Advanced Placement Calculus	Pete Rusaw	64	16
MTH 252	Calculus II (5)	Advanced Placement Calculus	Pete Rusaw	60	12
<b>Summary for Forest Grove High School / University Transfer</b>				<b>414</b>	<b>90</b>





## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Franklin High School / Career &amp; Technical Education</b>					
<b>Computer Applications Systems / Office Systems</b>		<b>(Business &amp; Management)</b>		<b>305</b>	<b>190</b>
CAS 109	Beginning PowerPoint (1)	Computer Applications I	Theresa Hawkins	70	70
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications II, Office Technology IV	Theresa Hawkins	148	37
CAS 216	Beginning Word (3)	Office Technology I-IV	Theresa Hawkins	6	2
CAS 216A	Beginning Word (1)	Computer Applications I	Theresa Hawkins	74	74
OS 131	10-key on Calculators (1)	Office Technology I-IV	Theresa Hawkins	7	7
<b>Early Childhood Education</b>		<b>(Human Services)</b>		<b>96</b>	<b>32</b>
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development 1-2	Janey Marthaller	60	20
ECE 133	Practicum I (3)	Preschool Lab 3-8	Janey Marthaller	36	12
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>		<b>2.5</b>	<b>2</b>
MCH 100	Machine Tool Basics (1)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	1	1
MCH 105	Blueprint Reading I (1.5)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	1.5	1
MCH 110	Blueprint Reading II (1.5)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
MCH 120	Machine Shop Math (2)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
MCH 125	Speeds and Feeds (1)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
MCH 135	Basic Measuring Tools (1.5)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
MCH 145	Layout Tools (1.5)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
MCH 150	Precision Measuring Tools (1.5)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
MCH 160	Drilling Machines & Operations (2)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
MCH 180	Turning Machines and Operations (4)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Inter & Adv Metals Manufacturing	Jerome Mannenbach	0	0
<b>Welding</b>		<b>(Industrial and Engineering)</b>		<b>3</b>	<b>1</b>
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	3	1
<b>Summary for Franklin High School / Career &amp; Technical Education</b>				<b>406.5</b>	<b>225</b>

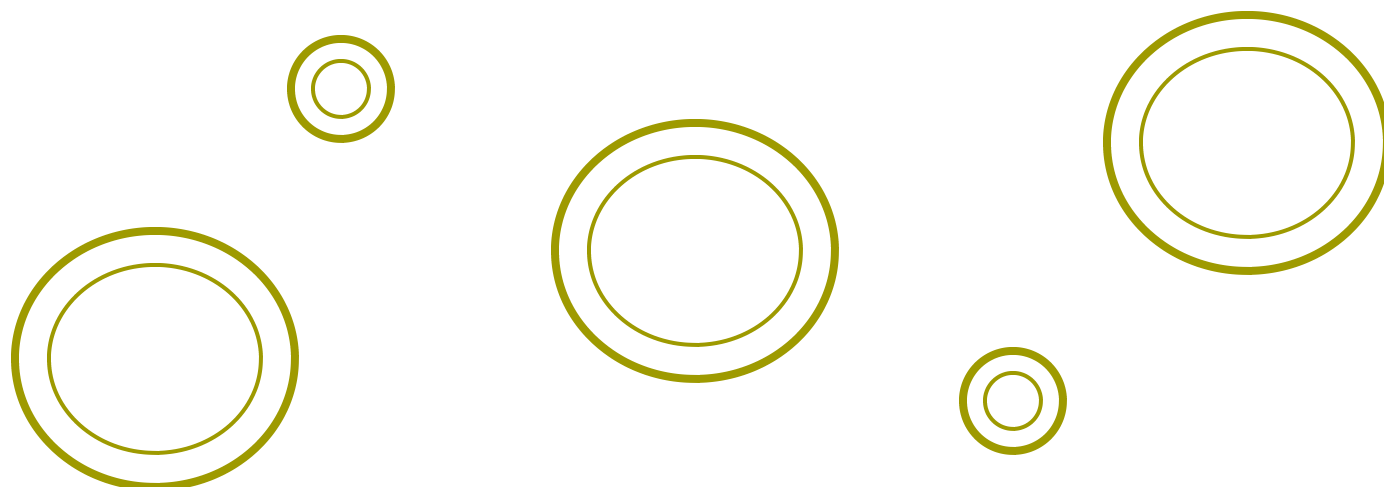
## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Franklin High School / University Transfer</b>					
<b>Business Administration</b>		<b>(Business &amp; Management)</b>		<b>51</b>	<b>17</b>
BA 111	Introduction to Accounting (3)	Accounting I-II	Theresa Hawkins	51	17
<b>Criminal Justice</b>		<b>(Human Services)</b>		<b>312</b>	<b>104</b>
CJA 100	Intro to Professions-Criminal Justice (3)	Criminal Justice Careers	Harold Hays	81	27
CJA 111	Criminal Justice Systems-Police (3)	Criminal Justice Careers	Harold Hays	81	27
CJA 112	Criminal Justice Systems-Courts (3)	Criminal Justice Careers	Harold Hays	75	25
CJA 113	Criminal Justice Systems-Corrections (3)	Criminal Justice Careers	Harold Hays	75	25
<b>English</b>		<b>(None)</b>		<b>244</b>	<b>61</b>
ENG 104	Introduction to Literature (Fiction) (4)	Adventure Lit, World Lit and Film	Tim Hardin	244	61
<b>Summary for Franklin High School / University Transfer</b>				<b>607</b>	<b>182</b>



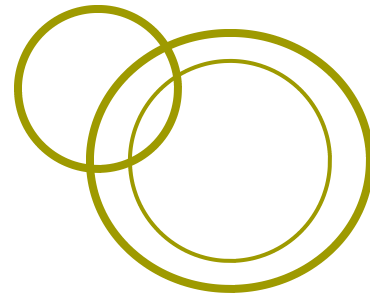
## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Gaston High School / Career &amp; Technical Education</b>					
<b>Building Construction Technology</b>		<b>(Industrial &amp; Engineering)</b>		<b>59</b>	<b>25</b>
BCT 106	Hand/Tool Power Tool Use (3) and Safety	Woods I	Wade Sims	27	9
BCT 216	Cabinetry I (2)	Woods II	Wade Sims	12	6
BCT 217	Cabinetry II (2)	Woods III	Wade Sims	0	0
BCT 218	Woodworking Projects (2)	Woods IV	Wade Sims	20	10
<b>Early Childhood Education</b>		<b>(Human Services)</b>		<b>24</b>	<b>8</b>
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Sue Peavey	24	8
ECE 133	Practicum I (3)	Advanced Child Development/Lab	Sue Peavey	0	0
<b>Emergency Medical Technician</b>		<b>(Health Services)</b>		<b>9</b>	<b>3</b>
EMT 120	Emergency Medical Service (3) First Responder	Fire Science I	Clay Davis	9	3
<b>Fire Protection Technology</b>		<b>(Natural Resource Systems)</b>		<b>28</b>	<b>10</b>
FP 101	Introduction to Fire Protection (3)	Fire Science I	Clay Davis	9	3
FP 123	Hazardous Materials Technician I (3)	Fire Science II	Clay Davis	6	2
FP 133	Wildland Firefighter (3)	Fire Science I	Clay Davis	9	3
FP 280B	Cooperative Education: Fire (2) Science Seminar	Fire Science I & II	Clay Davis	4	2
<b>Summary for Gaston High School / Career &amp; Technical Education</b>				<b>120</b>	<b>46</b>



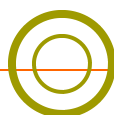
## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
<b>Gervais High School / Career &amp; Technical Education</b>				
<b>Building Construction Technology</b>	<b>(Industrial and Engineering)</b>		<b>21</b>	<b>7</b>
BCT 106    Hand Tool/Power Tool Use (3)	Construction	Russell Glenn	21	7
<b>Summary for Gervais High School / Career &amp; Technical Education</b>			<b>21</b>	<b>7</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Glencoe High School / Career &amp; Technical Education</b>					
<b>Computer Applications Systems / Office Systems</b>		<b>(Business &amp; Management)</b>		<b>164</b>	<b>67</b>
CAS 109	Beginning PowerPoint (1)	Computer Applications	Rebecca Hufford	10	10
CAS 121	Beginning Keyboarding (3)	Computer Keyboarding	Eric Walker	132	44
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications	Rebecca Hufford	12	3
CAS 216A	Beginning Word (1)	Computer Applications	Rebecca Hufford	10	10
<b>Drafting Technology</b>		<b>(Industrial and Engineering)</b>		<b>21</b>	<b>7</b>
ARCH 111	Working Drawings 1 (3)	Architecture II	Michael O'Connor	0	0
ARCH 126	Introduction to AutoCAD (3)	Architecture I	Michael O'Connor	0	0
DRF 117	Drafting Fundamentals (4)	Drafting II	Michael O'Connor	0	0
DRF 126	Introduction to AutoCAD (3)	Drafting I	Michael O'Connor	21	7
<b>Early Childhood Education</b>		<b>(Human Resources)</b>		<b>69</b>	<b>23</b>
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Shellie DeWhitt	60	20
ECE 133	Practicum I (3)	Child Services II	Shellie DeWhitt	9	3
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>		<b>178</b>	<b>97</b>
MCH 100	Machine Tool Basics (1)	Machine/Welding II-First Year	Rob Brauer	0	0
MCH 105	Blueprint Reading I (1.5)	Machine/Welding II-Second Year	Rob Brauer	24	16
MCH 110	Blueprint Reading II (1.5)	Machine/Welding II-Second Year	Rob Brauer	24	16
MCH 120	Machine Shop Math (2)	Machine/Welding II-Second Year	Rob Brauer	32	16
MCH 125	Speeds and Feeds (1)	Machine/Welding II-Second Year	Rob Brauer	15	15
MCH 135	Basic Measuring Tools (1.5)	Machine/Welding II-First Year	Rob Brauer	0	0
MCH 145	Layout Tools (1.5)	Machine/Welding II-First Year	Rob Brauer	0	0
MCH 150	Precision Measuring Tools (1.5)	Machine/Welding II-Second Year	Rob Brauer	27	18
MCH 160	Drilling Machines & Operations (2)	Machine/Welding II-First Year	Rob Brauer	0	0
MCH 180	Turning Machines and Operations (4)	Machine/Welding II-First Year	Rob Brauer	0	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Machine/Welding II-Second Year	Rob Brauer	56	16
<b>Management and Supervisory Development</b>		<b>(Business &amp; Management)</b>		<b>30</b>	<b>10</b>
MSD 101	Principles of Management and Supervision (3)	Management	Rebecca Hufford	30	10



## 2008-2009 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

<b>Medical Professions</b>		<b>(Health Services)</b>		<b>100</b>	<b>25</b>
MP 111	Medical Terminology (4)	Health Services I	Rita Jukkala	100	25
<b>Welding</b>		<b>(Industrial and Engineering)</b>		<b>54</b>	<b>18</b>
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Machine/Welding II-First Year	Rob Brauer	0	0
WLD 112	SMAW: Mild Steel I (E7018) (4)	Machine/Welding II-First Year	Rob Brauer	0	0
WLD 114	SMAW: Mild Steel III (E6011) (3)	Machine/Welding II-Second Year	Rob Brauer	15	5
WLD 131	Gas Metal Arc Welding (3)	Machine/Welding II-Second Year	Rob Brauer	39	13
<b>Summary for Glencoe High School / Career &amp; Technical Education</b>				<b>616</b>	<b>247</b>

### Glencoe High School / University Transfer

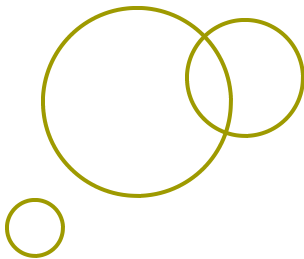
<b>Business Administration</b>		<b>(Business &amp; Management)</b>		<b>90</b>	<b>30</b>
BA 111	Introduction to Accounting (3)	Accounting I	Eric Walker	90	30
<b>Reading</b>		<b>(None)</b>		<b>21</b>	<b>7</b>
RD 115	College Reading (3)	College Prep Reading	Linda Skaug	21	7
<b>Summary for Glencoe High School / University Transfer</b>				<b>111</b>	<b>37</b>

## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Hillsboro High School / Career &amp; Technical Education</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>		<b>36</b>	<b>9</b>
AM 108	Unit 8: Introduction to Automotive Systems I (4)	Automotive I	Glenn Campbell	36	9
<b>Drafting Technology</b>		<b>(Industrial and Engineering)</b>		<b>169</b>	<b>51</b>
ARCH 101	Architectural Graphics 1 (3)	Architecture 1, 2	Don Domes	21	7
ARCH 111	Working Drawings 1 (3)	Architecture 2, 3	Don Domes	0	0
ARCH 126	Introduction to AutoCAD (3)	Drafting 1, 2	Don Domes	0	0
ARCH 140	Introduction to Chief Architect (3)	Architecture 2, 3	Don Domes	36	12
DRF 117	Drafting Fundamentals (4)	Drafting 1	Don Domes	64	16
DRF 126	Introduction to AutoCAD (3)	Drafting 1, 2	Don Domes	0	0
DRF 133	Intermediate Drafting (4)	Drafting 2, 3	Don Domes	0	0
DRF 185	AutoCAD Inventor - Fundamentals (3)	Drafting 1, 2	Don Domes	48	16
<b>Early Childhood Education</b>		<b>(Human Services)</b>		<b>30</b>	<b>10</b>
ECE 120	Introduction to Early Education and Family Studies (3)	Child's World	Kelly Jett	21	7
ECE 133	Practicum I (3)	Child Services I & II	Kelly Jett	9	3
<b>Electronic Engineering Technology</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
EET 111	Electrical Circuit Analysis I (5)	Electronics 2, 3	Don Domes	0	0
<b>Landscape Technology</b>		<b>(Natural Resource Systems)</b>		<b>8</b>	<b>2</b>
LAT 106	Basic Horticulture (4)	Horticulture Technology I	John Stables	8	2
LAT 109	Plant Propagation (3)	Horticulture Technology II	John Stables	0	0
<b>Microelectronics Technology</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
MT 101	Intro to Semiconductors Manufacturing (1)	Electronics Technology 1	Don Domes	0	0
MT 102	Intro to Semiconductors Development (1)	Electronics Technology 1	Don Domes	0	0
MT 103	Intro to Micro and Nano Process (1)	Electronics Technology 1	Don Domes	0	0
MT 111	Electronic Circuits & Devices I (4)	Electronics Technology 1, 2	Don Domes	0	0
MT 121	Digital Systems I (3)	Electronics Technology 3	Don Domes	0	0
<b>Summary for Hillsboro High School / Career &amp; Technical Education</b>				<b>243</b>	<b>72</b>

## 2008-2009 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 / University Transfer					
Art		(None)		50	25
ART 218	Lettering Calligraphy I (2)	Calligraphy I	Cynthia Schubert	48	24
ART 220	Advanced Lettering and Seminar (2)	Advanced Calligraphy	Cynthia Schubert	2	1
Crop Soil Science		(None)		3	1
CSS 200	Soils and Plant Nutrition (3)	Introduction to Horticulture	John Stables	3	1
Summary for Hillsboro High School / University Transfer				53	26





## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
<b>Horizon Christian High School / University Transfer</b>				
<b>Mathematics</b>	<b>(None)</b>		<b>97</b>	<b>20</b>
MTH 111C College Algebra for Math, Science & Engineering (5)	Pre-Calculus	Richard Espinoza	35	7
MTH 112 Elementary Functions (5)	Pre-Calculus	Richard Espinoza	35	7
MTH 251 Calculus I (4)	Calculus	Richard Espinoza	12	3
MTH 252 Calculus II (5)	Calculus	Richard Espinoza	15	3
<b>Summary for Horizon Christian High School / University Transfer</b>			<b>97</b>	<b>20</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

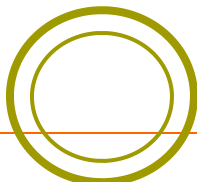
Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Jefferson Campus / University Transfer</b>					
<b>Dance</b>		<b>(Arts &amp; Communications)</b>		<b>45</b>	<b>27</b>
D 209	Dance Performance (3)	Jefferson Dancers	Steve Gonzales	27	9
D 252	Jazz Dance III (1)	Jazz Dance IV	Steve Gonzales	9	9
D 292	Ballet III (1)	Ballet IV	Steve Gonzales	9	9
<b>Summary for Jefferson Campus / University Transfer</b>				<b>45</b>	<b>27</b>

## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Lake Oswego High School / Career &amp; Technical Education</b>					
<b>Professional Music</b>		<b>(Industrial and Engineering)</b>		<b>68</b>	<b>34</b>
MUC 154A	Band Performance Workshop I (2)	Band Performance Workshop I	Dave Matthys	68	34
<b>Summary for Lake Oswego High School / Career &amp; Technical Education</b>				<b>68</b>	<b>34</b>
 <b>Lake Oswego High School / University Transfer</b>					
<b>General Science</b>		<b>(None)</b>		<b>12</b>	<b>3</b>
GS 108	Phys Science (Oceanography) (4)	Oceanography	Jeff Goodrich	12	3
<b>History</b>		<b>(None)</b>		<b>156</b>	<b>39</b>
HST 201	History of the United States I (4)	AP U.S. History	Laura Paxson	52	13
HST 202	History of the United States II (4)	AP U.S. History	Laura Paxson	52	13
HST 203	History of the United States III (4)	AP U.S. History	Laura Paxson	52	13
<b>Mathematics</b>		<b>(None)</b>		<b>0</b>	<b>0</b>
MTH 251	Calculus I (4)	AP Calculus AB	Peter Dodson	0	0
MTH 252	Calculus II (5)	AP Calculus AB	Peter Dodson	0	0
MTH 253	Calculus III (5)	AP Calculus BC	Peter Dodson	0	0
<b>Summary for Lake Oswego High School / University Transfer</b>				<b>168</b>	<b>42</b>

## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Lakeridge High School / University Transfer</b>					
<b>History</b>		<b>(None)</b>		<b>352</b>	<b>88</b>
HST 102	Western Civilization: Medieval (4) to Early Modern Europe	AP European History (First Semester)	Ryan Rosenau	180	45
HST 103	Western Civilization: Modern (4) Europe	AP European History (Second Semester)	Ryan Rosenau	172	43
<b>Mathematics</b>		<b>(None)</b>		<b>219</b>	<b>48</b>
MTH 251	Calculus I (4)	AP Calculus AB	Derek Abbott	12	3
MTH 251	Calculus I (4)	AP Calculus AB	Terry Moore	72	18
MTH 252	Calculus II (5)	AP Calculus AB	Derek Abbott	15	3
MTH 252	Calculus II (5)	AP Calculus AB	Terry Moore	90	18
MTH 253	Calculus III (5)	AP Calculus BC	Terry Moore	30	6
<b>Music</b>		<b>(None)</b>		<b>0</b>	<b>0</b>
MUS 221	Chorus: Chamber Choir (1)	A Cappella Choir	William Campbell	0	0
<b>Summary for Lakeridge High School / University Transfer</b>				<b>571</b>	<b>136</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

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

### Liberty High School / Career & Technical Education

Early Childhood Education				(Human Services)	117	39
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development	Jessica Ackerman	54	18	
ECE 133	Practicum I (3)	Child Services Focus Program	Jessica Ackerman	63	21	
Summary for Liberty High School / Career & Technical Education				117	39	

### Liberty High School / University Transfer

Health		(None)		36	12
HE 250	Personal Health (3)	Personal Health	David Herman	36	12
Physics		(None)		304	76
PHY 101	Fundamentals of Physics I (4)	Conceptual Physics	Milton Scholl	184	46
PHY 103	Fundamentals of Physics III (4)	Conceptual Physics	Milton Scholl	120	30
PHY 211	General Physics (Calculus) (5)	AP Physics	Milton Scholl	0	0
PHY 213	General Physics (Calculus) (5)	AP Physics	Milton Scholl	0	0
Summary for Liberty High School / University Transfer				340	88



## 2008-2009 Articulation Details by Discipline and Career Focus Area

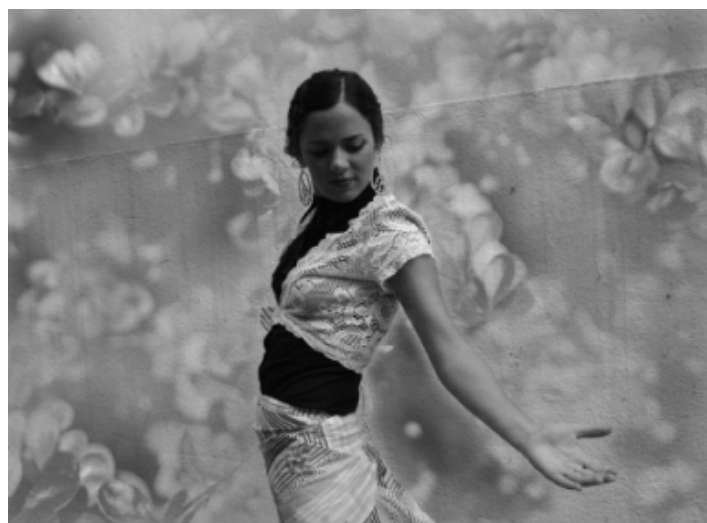
Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students

### Madison 'S' High School / Career & Technical Education

Medical Professions				(Health Services)	92	23
MP 109	Basic Medical Terminology (2)	Health Services	Lucy Yerby	0	0	
MP 110	Basic Medical Terminology 2 (2)	Health Services	Lucy Yerby	0	0	
MP 111	Medical Terminology (4)	Health Services	Lucy Yerby	92	23	
Summary for Madison 'S' High School / Career & Technical Education				92	23	

### Madison 'S' High School / University Transfer

Spanish		(None)		280	70
SPA 101	First Year Spanish: First Term (4)	First Year Spanish	Marisol Rodriguez	112	28
SPA 102	First Year Spanish: Second Term (4)	Second Year Spanish	Marisol Rodriguez	140	35
SPA 103	First Year Spanish: Third Term (4)	Third Year Spanish	Marisol Rodriguez	28	7
Summary for Madison 'S' High School / University Transfer				280	70



## 2008-2009 Articulation Details by Discipline and Career Focus Area

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

### Marshall Campus - BizTech / Career & Technical Education

<b>Computer Applications Systems / Office Systems</b>			<b>(Business &amp; Management)</b>	<b>176</b>	<b>72</b>
CAS 109	Beginning PowerPoint (1)	Digital Media/Power Skills	Clara Cook	26	26
CAS 121	Beginning Keyboarding (3)	Digital Media/Power Skills	Clara Cook	78	26
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	48	12
CAS 170	Beginning Excel (3)	Computerized Accounting & Spreadsheets	Timothy Biamont	24	8
<b>Summary for Marshall Campus - BizTech / Career &amp; Technical Education</b>				<b>176</b>	<b>72</b>

### Marshall Campus - BizTech / University Transfer

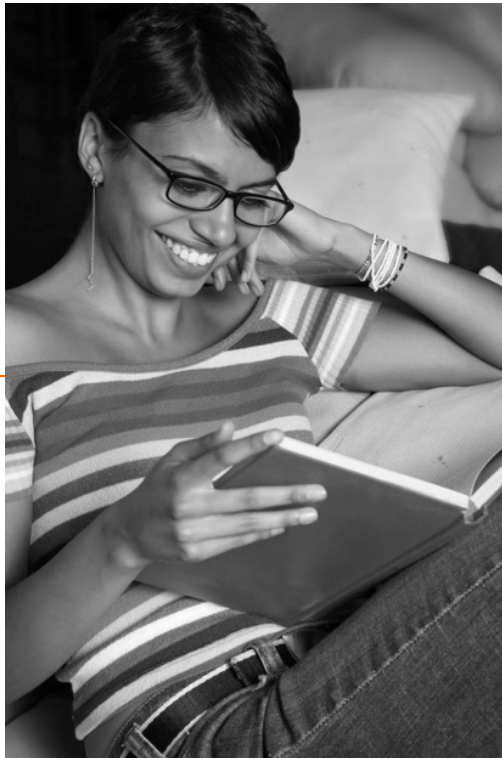
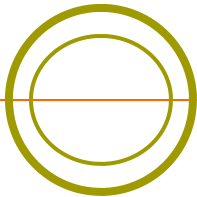
<b>Biology</b>			<b>(None)</b>	<b>204</b>	<b>51</b>
BI 101	Biology (4)	Biology	Amy Lindahl	84	21
BI 102	Biology (4)	Biology	Amy Lindahl	120	30
<b>Business Administration</b>			<b>(Business &amp; Management)</b>	<b>30</b>	<b>10</b>
BA 111	Introduction to Accounting (3)	Accounting I-II	Clara Cook	30	10
BA 111	Introduction to Accounting (3)	Accounting I-II	Timothy Biamont	0	0
<b>Summary for Marshall Campus - BizTech / University Transfer</b>				<b>234</b>	<b>61</b>

### Marshall Campus - Renaissance Arts Academy / University Transfer

<b>History</b>			<b>(None)</b>	<b>228</b>	<b>57</b>
HST 201	History of the US-I (4)	US History/American Literature & Humanities	Colleen Loprinzi	76	19
HST 202	History of the US-II (4)	US History/American Literature & Humanities	Colleen Loprinzi	76	19
HST 203	History of the US-III (4)	US History/American Literature & Humanities	Colleen Loprinzi	76	19
<b>Summary for Marshall Campus - Renaissance Arts Academy / University Transfer</b>				<b>228</b>	<b>57</b>

## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
<b>McMinnville High School / University Transfer</b>				
<b>English</b>	<b>(None)</b>		<b>92</b>	<b>23</b>
ENG 104 Introduction to Literature (Fiction) (4)	Intro to Fiction	Kerrie Savage	92	23
<b>Summary for McMinnville High School / University Transfer</b>			<b>92</b>	<b>23</b>





## 2008-2009 Articulation Details by Discipline and Career Focus Area

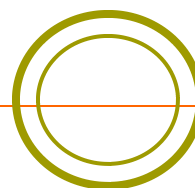
Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students

### Merlo Station High School / Career & Technical Education

<b>Computer Applications Systems / Office Systems</b>		<b>(Business &amp; Management)</b>		<b>27</b>	<b>18</b>
CAS 103	Introduction to Windows (1)	Computer Applications I	Shannon Dencer	3	3
CAS 104	Basic Internet Skills (1)	Computer Applications II	Shannon Dencer	3	3
CAS 109	Beginning PowerPoint (1)	Computer Applications II	Shannon Dencer	3	3
CAS 121A	Beginning Keyboarding (1)	Computer Applications I	Shannon Dencer	3	3
CAS 133	Basic Computer Skill/MS Office (4)	Computer Applications II	Shannon Dencer	12	3
CAS 216A	Beginning Word (1)	Computer Applications I	Shannon Dencer	3	3
<b>Summary for Merlo Station High School / Career &amp; Technical Education</b>				<b>27</b>	<b>18</b>

### Merlo Station High School / University Transfer

<b>Business Administration</b>		<b>(Business &amp; Management)</b>		<b>0</b>	<b>0</b>
BA 101	Introduction to Business (4)	Intro to Business	Teresa Weis	0	0
<b>Career Guidance &amp; Counseling</b>		<b>(Human Services)</b>		<b>21</b>	<b>21</b>
CG 100C	College Survival and Success (1)	College Survival and Success	Teresa Weis	21	21
CG 140C	Career and Life Planning (1)	Career and Life Planning	Teresa Weis	0	0
<b>Summary for Merlo Station High School / University Transfer</b>				<b>21</b>	<b>21</b>



## 2008-2009 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

<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>		<b>120</b>	<b>40</b>
MCH 100	Machine Tool Basics (1)	Engineering/Metals	Terry Coss	5	5
MCH 105	Blueprint Reading I (1.5)	Engineering/Metals	Terry Coss	6	4
MCH 135	Basic Measuring Tools (1.5)	Engineering/Metals	Terry Coss	0	0
MCH 150	Precision Measuring Tools (1.5)	Engineering/Metals	Terry Coss	0	0
MCH 160	Drilling Machines & Operations (2)	Engineering/Metals	Terry Coss	22	11
MCH 175	Band Saws (1)	Engineering/Metals	Terry Coss	0	0
MCH 180	Turning Machines and Operations (4)	Engineering/Metals	Terry Coss	0	0
MCH 195	Threading on the Lathe (3)	Engineering/Metals	Terry Coss	33	11
MCH 205	Vertical Milling Machine and Operations (3.5)	Engineering/Metals	Terry Coss	0	0
MCH 210	Project Machine Technology IV (6)	Engineering/Metals	Terry Coss	54	9
<b>Summary for Newberg Campus - Blue Campus / Career &amp; Technical Education</b>				<b>120</b>	<b>40</b>

### Newberg Campus - Green School / University Transfer

<b>English</b>		<b>(None)</b>		<b>72</b>	<b>18</b>
ENG 105	Introduction to Literature (Drama) (4)	Shakespeare	Drea Ferguson	72	18
<b>Mathematics</b>		<b>(None)</b>		<b>582</b>	<b>125</b>
MTH 111C	College Algebra for Math (5)	Pre-Calculus B	Bruce Sinkbeil	185	37
MTH 112	Elementary Functions (5)	Pre-Calculus A	Bruce Sinkbeil	165	33
MTH 251	Calculus I (4)	Calculus I	Bruce Sinkbeil	112	28
MTH 252	Calculus II (5)	Calculus II	Bruce Sinkbeil	135	27
<b>Summary for Newberg Campus - Green School / University Transfer</b>				<b>669</b>	<b>143</b>

### Newberg Campus - Red School / University Transfer

<b>Mathematics</b>		<b>(None)</b>		<b>305</b>	<b>61</b>
MTH 111C	College Algebra for Math (5)	Pre-Calculus B	Sharon Walesby	170	34
MTH 112	Elementary Functions (5)	Pre-Calculus A	Sharon Walesby	135	27
MTH 251	Calculus I (4)	Calculus I	Sharon Walesby	0	0
MTH 252	Calculus II (5)	Calculus II	Sharon Walesby	0	0
<b>Summary for Newberg Campus - Red Campus / University Transfer</b>				<b>305</b>	<b>61</b>

## 2008-2009 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 - Sliver School / Career & Technical Education

<b>Landscape Technology</b>		<b>(Industrial and Engineering)</b>		<b>48</b>	<b>16</b>
LAT 106	Basic Horticulture (4)	Intro to Horticultural Science	Peter Siderius	0	0
LAT 109	Plant Propagation (3)	Greenhouse	Peter Siderius	48	16
<b>Summary for Newberg Campus - Silver Campus / Career &amp; Technical Education</b>				<b>48</b>	<b>16</b>

### Newberg Campus - Silver School / University Transfer

<b>English</b>		<b>(None)</b>		<b>844</b>	<b>212</b>
ENG 104	Introduction to Literature (Fiction) (4)	Advanced Senior English	Kristyn Westphal	284	71
ENG 105	Introduction to Literature (Drama) (4)	Advanced Senior English	Kristyn Westphal	280	70
WR 121	English Composition (4)	Advanced Senior English	Kristyn Westphal	280	70
<b>Summary for Newberg Campus - Silver Campus / University Transfer</b>				<b>844</b>	<b>212</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>PIVOT / Career &amp; Technical Education</b>					
<b>Computer Applications Systems / Office Systems (Business &amp; Management)</b>				<b>195</b>	<b>85</b>
CAS 103	Introduction to Windows (1)	Windows	Carolyn Schoenemann	12	12
CAS 109	Beginning PowerPoint (1)	PowerPoint	Carolyn Schoenemann	12	12
CAS 121	Beginning Keyboarding (3)	Beginning Keyboarding Skills	Carolyn Schoenemann	36	12
CAS 133	Basic Computer Skill/MS Office (4)	Basic Computer Skills	Carolyn Schoenemann	48	12
CAS 140	Beginning Access (3)	Access	Carolyn Schoenemann	3	1
CAS 170	Beginning Excel (3)	Computer Applications	Carolyn Schoenemann	36	12
CAS 216	Beginning Word (3)	Word Processing Software	Carolyn Schoenemann	36	12
OS 131	10-key on Calculators (1)	Calculator/10-Key Skills	Carolyn Schoenemann	12	12
<b>Summary for PIVOT / Career &amp; Technical Education</b>				<b>195</b>	<b>85</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Portland YouthBuilders / Career &amp; Technical Education</b>					
<b>Building Construction Technology</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
BCT 104	Construction Mathematics (3)	Builders Math	Dale Allen	0	0
BCT 106	Hand Tool/Power Tool Use and Safety (3)	Tool Safety	Dale Allen	0	0
BCT 120	Floor Framing (3)	Floor Framing	Dale Allen	0	0
BCT 121	Wall Framing (3)	Wall Framing	Dale Allen	0	0
<b>Summary for Portland YouthBuilders / Career &amp; Technical Education</b>				<b>0</b>	<b>0</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title		Teacher	Credits   Students
Riverdale High School / University Transfer					
English		(None)			64   16
WR 121	English Composition (4)	English Composition		Holly Finnerty	64   16
Summary for Riverdale High School / University Transfer					64   16



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Roosevelt Campus - P.O.W.E.R. Academy / Career &amp; Technical Education</b>					
<b>Medical Professions</b>		<b>(Health Services)</b>		<b>0</b>	<b>0</b>
MP 111	Medical Terminology (4)	Medical Terminology	Nancy Fiorante	0	0
<b>Summary for Roosevelt Campus - P.O.W.E.R. Academy / Career &amp; Technical Education</b>				<b>0</b>	<b>0</b>

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

<b>Criminal Justice</b>		<b>(Human Services)</b>		<b>9</b>	<b>3</b>
CJA 100	Introduction to Professions in Criminal Justice (3)	Introduction to Judicial Systems	Harry Auerbach	9	3
CJA 112	Introduction to Criminal Justice System-Courts (3)	Introduction to Judicial Systems	Harry Auerbach	0	0
<b>Summary for Roosevelt Campus - S.E.I.S High School / University Transfer</b>				<b>9</b>	<b>3</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title		Teacher	Credits   Students
Rosemary Anderson High School / University Transfer					
English		(None)			8   2
WR 121	English Composition (4)	Senior Honors Writing		Allison deFreese	8   2
Summary for Rosemary Anderson High School / University Transfer					8   2





## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Sabin - Schellenberg Center / Career &amp; Technical Education</b>					
<b>Fire Protection Technology</b>		<b>(Natural Resource Systems)</b>		<b>72</b>	<b>26</b>
FP 101	Introduction to Fire Protection (3)	Fire Science I	Dennis Katz	60	20
FP 280B	Cooperative Education: Fire Science - Seminar (2)	Fire Science II	Dennis Katz	12	6
<b>Interior Design</b>		<b>(Arts &amp; Communications)</b>		<b>30</b>	<b>10</b>
ID 131	Introduction to Interiors (3)	Interior Design Level II	Tami Katz	30	10
<b>Summary for Sabin - Schellenberg Center / Career &amp; Technical Education</b>				<b>102</b>	<b>36</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Scappoose High School / Career &amp; Technical Education</b>					
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
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
<b>Welding</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
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
<b>Summary for Scappoose High School / Career &amp; Technical Education</b>				<b>0</b>	<b>0</b>

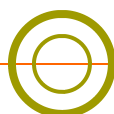


## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Sherwood High School / Career &amp; Technical Education</b>					
<b>Drafting Technology</b>		<b>(Industrial and Engineering)</b>		<b>231</b>	<b>66</b>
DRF 117	Drafting Fundamentals (4)	Intermediate Engineering	John Niebergall	132	33
DRF 270	Solid Works Fundamentals (3)	Intermediate Engineering	John Niebergall	99	33
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>		<b>65</b>	<b>13</b>
MCH 229	Rapid Prototyping (5)	Advanced Engineering 4	John Niebergall	65	13
<b>Medical Professions</b>		<b>(Health Services)</b>		<b>40</b>	<b>18</b>
MP 109	Basic Medical Terminology (2)	Health Occupations A & B	Kari Turner	16	8
MP 110	Basic Medical Terminology 2 (2)	Health Occupations A & B	Kari Turner	16	8
MP 111	Medical Terminology (4)	Health Occupations A & B	Kari Turner	8	2
<b>Summary for Sherwood High School / Career &amp; Technical Education</b>				<b>336</b>	<b>97</b>

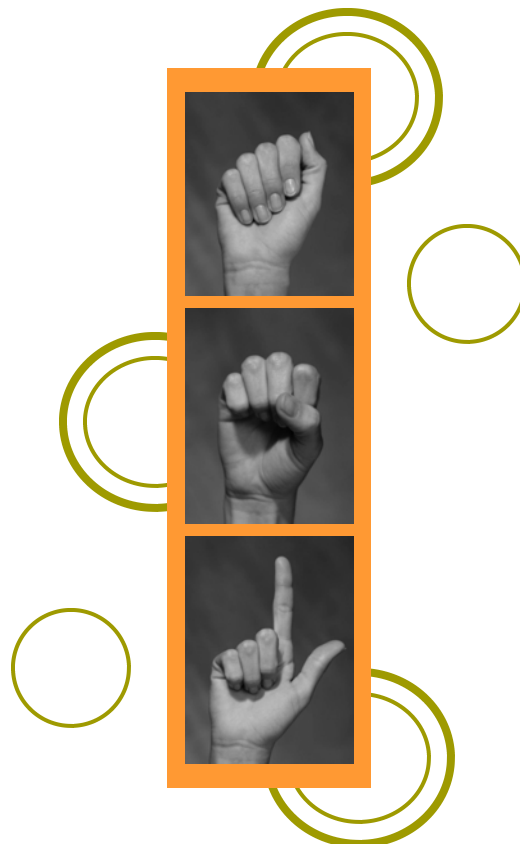
## Sherwood High School / University Transfer

<b>Biology</b>		<b>(None)</b>		<b>208</b>	<b>52</b>
BI 121	Essentials of Human Anatomy and Physiology I (4)	Introduction of Human Anatomy and Physiology	Lance Thurman	112	28
BI 122	Introduction to Human Anatomy & Physiology II (4)	Human Anatomy & Physiology	Lance Thurman	96	24
<b>Summary for Sherwood High School / University Transfer</b>				<b>208</b>	<b>52</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Southridge High School / University Transfer</b>					
<b>American Sign Language</b>		<b>(Human Services)</b>		<b>153</b>	<b>51</b>
ASL 101	First Year American Sign (3) Language I	First Year American Sign Language I	Tom Wills	90	30
ASL 102	First Year American Sign (3) Language II	First Year American Sign Language II	Tom Wills	45	15
ASL 103	First Year American Sign (3) Language III	First Year American Sign Language III	Tom Wills	18	6
<b>Business Administration</b>		<b>(Business &amp; Management)</b>		<b>144</b>	<b>36</b>
BA 101	Introduction to Business (4)	Business Leadership	Sue Irwin	144	36
<b>Summary for Southridge High School / University Transfer</b>				<b>297</b>	<b>87</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>St. Helens High School / Career &amp; Technical Education</b>					
<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>		<b>16</b>	<b>4</b>
AM 101	Unit 1: Engine Repair I (4)	Automotive Technology I	Mike Herdrich	4	1
AM 102	Unit 2: Electrical Systems I (4)	Automotive Technology II-IV	Mike Herdrich	0	0
AM 103	Unit 3: Engine Performance I (4)	Automotive Technology II-IV	Mike Herdrich	0	0
AM 104	Unit 4: Steering and Suspension (4)	Automotive Technology II-IV	Mike Herdrich	12	3
AM 105	Unit 5: Brakes Systems I (4)	Automotive Technology II-IV	Mike Herdrich	0	0
AM 108	Unit 8: Introduction to Automotive	Automotive Technology II-IV	Mike Herdrich	0	0
<b>Computer Applications Systems / Office Systems</b>		<b>(Business &amp; Management)</b>		<b>43</b>	<b>18</b>
CAS 121	Beginning Keyboarding (3)	Word Processing I	LeaAnne Bradford	6	2
CAS 121	Beginning Keyboarding (3)	Word Processing I	Donna Trudeau	0	0
CAS 133	Basic Computer Skill/MS Office (4)	Business Tech II	LeaAnne Bradford	12	3
CAS 133	Basic Computer Skill/MS Office (4)	Business Tech II	Donna Trudeau	0	0
CAS 170	Beginning Excel (3)	Spreadsheets	LeaAnne Bradford	12	4
CAS 170	Beginning Excel (3)	Spreadsheets	Donna Trudeau	0	0
CAS 216	Beginning Word (3)	Word Processing II	LeaAnne Bradford	6	2
CAS 216	Beginning Word (3)	Word Processing II	Donna Trudeau	0	0
CAS 216A	Beginning Word (1)	Business Tech I	LeaAnne Bradford	7	7
CAS 216A	Beginning Word (1)	Business Tech I	Donna Trudeau	0	0
OS 131	10-key on Calculators (1)	Business Tech II	LeaAnne Bradford	0	0
OS 131	10-key on Calculators (1)	Business Tech II	Donna Trudeau	0	0
<b>Drafting Technology</b>		<b>(Industrial and Engineering)</b>		<b>63</b>	<b>18</b>
ARCH 111	Working Drawings 1 (3)	Advanced Technical Drawing	John Tainter	6	2
ARCH 140	Introduction to Chief Architect (3)	Advanced Technical Drawing	John Tainter	6	2
DRF 117	Drafting Fundamentals (4)	Technical Drawing I & II	John Tainter	36	9
DRF 270	SolidWorks Fundamentals (3)	SolidWorks Fundamentals	John Tainter	15	5
<b>Machine Manufacturing Technology</b>		<b>(Industrial and Engineering)</b>		<b>237</b>	<b>169</b>
MCH 100	Machine Tool Basics (1)	Metals I (Fall Term)	Rory Lewno	33	33
MCH 105	Blueprint Reading I (1.5)	Metals I (Fall Term)	Rory Lewno	0	0
MCH 110	Blueprint Reading II (1.5)	Advanced Metals (Spring Term)	Rory Lewno	0	0
MCH 120	Machine Shop Math (2)	Advanced Metals (Spring Term)	Rory Lewno	0	0
MCH 123	Sheet Metal Fabrication (4)	Journeyman	Rory Lewno	0	0
MCH 125	Speeds and Feeds (1)	Advanced Metals (Spring Term)	Rory Lewno	0	0
MCH 135	Basic Measuring Tools (1.5)	Metals I (Fall Term)	Rory Lewno	48	32
MCH 145	Layout Tools (1.5)	Metals I (Spring Term)	Rory Lewno	0	0
MCH 150	Precision Measuring Tools (1.5)	Metals I & Advanced Metals (Fall Term)	Rory Lewno	57	38
MCH 157	Project Machine Tech I (1.5)	Metals I & Adv Metals (Spring Term)	Rory Lewno	0	0
MCH 158	Project Machine Tech II (3)	Advanced Metals (Spring Term)	Rory Lewno	0	0
MCH 160	Drilling Machines & Operations (2)	Metals I (Fall Term)	Rory Lewno	66	33
MCH 175	Band Saws (1)	Metals I (Fall Term)	Rory Lewno	33	33
MCH 180	Turning Machines and Operations (4)	Metals I (Spring Term)	Rory Lewno	0	0

## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>St. Helens High School / Career &amp; Technical Education</b>					
<b>Machine Manufacturing Technology (continued)</b>					
MCH 195	Threading on the Lathe (3)	Metals I & Adv Metals (Spring Term)	Rory Lewno	0	0
MCH 205	Vertical Milling Machine and Operations (3.5)	Metals I & Adv Metals (Spring Term)	Rory Lewno	0	0
<b>Welding</b>				<b>295</b>	<b>77</b>
<b>(Industrial and Engineering)</b>					
WLD 111	SMAW: Mild Steel (E7024) & Oxy-acetylene Cutting (4)	Metals I (Fall Term)	Rory Lewno	128	32
WLD 112	SMAW: Mild Steel I (E7018) (4)	Metals I (Fall Term)	Rory Lewno	100	25
WLD 113	SMAW: Mild Steel II (E7018) (4)	Advanced Metals (Fall Term)	Rory Lewno	28	7
WLD 114	SMAW: Mild Steel III (E6011) (3)	Advanced Metals (Fall Term)	Rory Lewno	18	6
WLD 115	SMAW: Mild Steel IV (E6011) (3)	Advanced Metals (Fall Term)	Rory Lewno	21	7
WLD 131	Gas Metal Arc Welding (3)	Metals I & Adv Metals (Spring Term)	Rory Lewno	0	0
WLD 141	Flux-Cored Arc Welding I (3)	Metals I (Spring Term)	Rory Lewno	0	0
WLD 261	Basic Fabrication I (6)	Advanced Metals (Spring Term)	Rory Lewno	0	0
WLD 271	Oxy-acetylene Welding Projects (3)	Metals I (Spring Term)	Rory Lewno	0	0
<b>Summary for St. Helens High School / Career &amp; Technical Education</b>				<b>654</b>	<b>286</b>

## St. Helens High School / University Transfer

<b>Business Administration</b>		<b>(Business &amp; Management)</b>		<b>15</b>	<b>5</b>
BA 111	Introduction to Accounting (3)	Accounting	LeaAnne Bradford	0	0
BA 111	Introduction to Accounting (3)	Accounting	Donna Trudeau	15	5
<b>Summary for St. Helens High School / University Transfer</b>				<b>15</b>	<b>5</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title		Teacher	Credits   Students
Sunset High School / Career & Technical Education					
Computer Information Systems		(Industrial and Engineering)			88   22
CIS 133J	Java Programming I (4)	Java Programming		Jason Galbraith	88   22
Summary for Sunset High School / Career & Technical Education					88   22



## 2008-2009 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

<b>Automotive Service Technology</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
AM 101	Unit 1: Engine Repair I (4)	Auto Technology Basic/Auto Tech Engines	Jay Butz	0	0
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
<b>Drafting Technology</b>		<b>(Industrial and Engineering)</b>		<b>0</b>	<b>0</b>
ARCH 111	Working Drawings 1 (3)	Architecture Design 2A & 2B	Howard Wood	0	0
DRF 117	Drafting Fundamentals (4)	CAD I	Howard Wood	0	0
<b>Early Childhood Education</b>		<b>(Human Services)</b>		<b>102</b>	<b>34</b>
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development I & II	Kara Alexander	51	17
ECE 133	Practicum I (3)	Child Development I & II	Kara Alexander	51	178
<b>Summary for Tigard High School / Career &amp; Technical Education</b>				<b>102</b>	<b>34</b>

### Tigard High School / University Transfer

<b>Art</b>		<b>(Arts &amp; Communications)</b>		<b>27</b>	<b>9</b>
ART 131	Introduction to Drawing (3)	IB Art & Drawing 2/3	Cameron Stuart	27	9
<b>Biology</b>		<b>(None)</b>		<b>512</b>	<b>128</b>
BI 101	Biology (4)	IB Bio I	Karen Harris	296	74
BI 102	Biology (4)	IB Bio II	Karen Harris	108	27
BI 103	Biology (4)	IB Bio II	Karen Harris	108	27



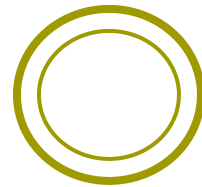
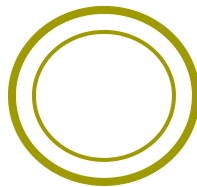
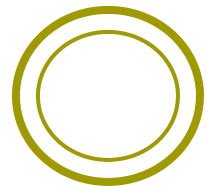
## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline		(Career Focus Area)		Duplicated	
Courses under Agreement (credits)		High School Course Title	Teacher	Credits	Students
<b>Tigard High School / University Transfer</b>					
<b>History</b>		<b>(None)</b>		<b>1796</b>	<b>449</b>
HST 201	History of the United States I (4)	Advanced US History	Murray Carlisle	236	59
HST 201	History of the United States I (4)	Advanced US History	Dave Unis	368	92
HST 202	History of the United States II (4)	Advanced US History	Murray Carlisle	200	50
HST 202	History of the United States II (4)	Advanced US History	Dave Unis	396	99
HST 203	History of the United States III (4)	Advanced US History	Murray Carlisle	200	50
HST 203	History of the United States III (4)	Advanced US History	Dave Unis	396	99
<b>Psychology</b>		<b>(None)</b>		<b>364</b>	<b>91</b>
PSY 201	Introduction to Psychology Part I (4)	IB Psychology	Frank Caro	364	91
<b>Summary for Tigard High School / University Transfer</b>				<b>2,801</b>	<b>711</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
<b>Tualatin High School / Career &amp; Technical Education</b>				
<b>Early Childhood Education</b>	<b>(Human Services)</b>		<b>198</b>	<b>66</b>
ECE 120 Introduction to Early Education and Family Studies (3)	Child Services I & II	Sarah Lind	99	33
ECE 133 Practicum I (3)	Child Services I & II	Sarah Lind	99	33
<b>Summary for Tualatin High School / Career &amp; Technical Education</b>			<b>198</b>	<b>66</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

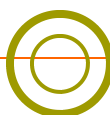
Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students

### Westview High School / Career & Technical Education

<b>Early Childhood Education</b>		<b>(Human Services)</b>		<b>12</b>	<b>4</b>
ECE 120	Introduction to Early Education and Family Studies (3)	Child Development II	Claire Floyd	6	2
ECE 133	Practicum I (3)	Child Development III	Claire Floyd	6	2
<b>Medical Terminology</b>		<b>(Health Services)</b>		<b>154</b>	<b>69</b>
MP 109	Basic Medical Terminology (2)	Advanced Health Careers	Paula Jacobs	122	61
MP 110	Basic Medical Terminology 2 (2)	Advanced Health Careers	Paula Jacobs	0	0
MP 111	Medical Terminology (4)	Health Careers	Paula Jacobs	32	8
<b>Summary for Westview High School / Career &amp; Technical Education</b>				<b>166</b>	<b>73</b>

### Westview High School / University Transfer

<b>Art</b>		<b>(Arts &amp; Communication)</b>		<b>132</b>	<b>44</b>
ART 142	Introduction to Photography (3) Darkroom	Photography I	Alisa Scudamore	132	44
<b>Career Guidance &amp; Counseling</b>		<b>(Human Services)</b>		<b>32</b>	<b>32</b>
CG 100C	College Survival and Success (1)	College Survival	James Lekas	32	32
<b>Health</b>		<b>(Health Services)</b>		<b>268</b>	<b>67</b>
HE 252	First Aid-Basics and Beyond	Health Careers	Paula Jacobs	268	67
<b>Summary for Westview High School / University Transfer</b>				<b>432</b>	<b>143</b>



## 2008-2009 Articulation Details by Discipline and Career Focus Area

Discipline	(Career Focus Area)		Duplicated	
Courses under Agreement (credits)	High School Course Title	Teacher	Credits	Students
<b>Wilson High School / Career &amp; Technical Education</b>				
<b>Drafting Technology</b>	<b>(Industrial and Engineering)</b>		<b>43</b>	<b>14</b>
ARCH 111 Working Drawings 1 (3)	Architecture1-2	Mark Mochon	36	12
DRF 117 Drafting Fundamentals (4)	Technical Drafting 3-4	Mark Mochon	4	1
DRF 126 Introduction to AutoCAD (3)	Technical Drafting 1-2	Mark Mochon	3	1
<b>Early Childhood Education</b>	<b>(Human Services)</b>		<b>135</b>	<b>45</b>
ECE 120 Introduction to Early Education and Family Studies (3)	Child Psychology	Linda Bergstrom	60	20
ECE 133 Practicum I (3)	Pre-School Teaching	Linda Bergstrom	75	25
<b>Summary for Wilson High School / Career &amp; Technical Education</b>			<b>178</b>	<b>59</b>



# PAVTEC STAFF

## PORTLAND COMMUNITY COLLEGE

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Christine Chairsell

*Vice President of Academic and Student Affairs*

503-977-4005

christine.chairsell@pcc.edu

Kendra Cawley

*Dean of Instructional Support*

503-977-4481/503-614-7735

kcawley@pcc.edu

## PAVTEC/PCC DUAL CREDIT

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Karen Jones

*PAVTEC Partnerships Coordinator*

503-614-7736

kjones@pcc.edu

Jacqlyn Proper

*PCC Dual Credit Specialist*

503-614-7737

jstephan@pcc.edu

Michelle Robertson

*Administrative Assistant*

503-614-7738

mrrobert@pcc.edu

Patrice Perez

*Office Assistant*

503-614-7734

patrice.perez@pcc.edu

## PHYSICAL ADDRESS

---

Portland Community College-PAVTEC

17705 NW Springville Road, Bldg 5-115

Portland, Oregon 97229

## MAILING ADDRESS

---

Portland Community College-PAVTEC

P.O. Box 19000

Portland, Oregon 97280-0990

## WEBSITE

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[www.pcc.edu/pavtec](http://www.pcc.edu/pavtec)

