

Shoreline Community College

Data Mining Project – Executive Summary

Data captured *September 2007* provides demographic and general trends of the Fall 2006 Tech Prep cohort, Spring 2006 high school graduates (who enrolled in TP), and overall enrollment trends for all students coded **Tech Prep** in the SCC database (since 1992).

KEY FINDINGS

◀ Tech Prep at Shoreline Community College responds to the evolving needs and goals of students. Shoreline’s tailored approach to flexible programs and online access to a range of school services is a terrific fit for Tech Prep students – 29% of fall '06 students were employed part-time off campus, and nearly 18% were seeking part-time employment.

Between 1999 and 2000, the number of Tech Prep high school graduates who later attend classes at SCC **tripled** – from 18 students to 49 in one year. This strong trend peaked in 2003 (56 students).

This positive trend dropped significantly from 2005 to 2007, although the statewide TP enrollments grew by 18% in the same time frame (from 14,000 to 17,000 students earning over 100,000 college credits throughout Washington) [SBCTC 2006–2007 WA Tech Prep Report].

Tech Prep at Shoreline Community College:
Preparing students to meet evolving workforce training and academic expectations

Data At-A-Glance – Fall 2006 Cohort

62 Tech Prep students enrolled Fall 2006

15% (9 students) graduated from high school in spring 2006 and continued at SCC

56.4% of Fall 2006 cohort planned to earn general transfer degree – *compare to 42% of the SCC general population*

Number of full-time Tech Prep students (carrying 15 credits or greater) each quarter, 2006-2007 & 2007-2008:

2006 -2007	2007 - 2008
Summer Quarter - 1	Summer Quarter - 1
Fall Quarter - 9	Fall Quarter - 5
Winter Quarter - 8	Winter Quarter - 6
Spring Quarter - 6	Spring Quarter - 7

Tech Prep Success at Shoreline Community College

2499 TP students have been in the SCC data system since 1992

- Of those, **1038 (47%)** earned a college level GPA of 4.0 in at least one course
- **96%** of all TP students earned a GPA of 2.50 or higher

78 of all TP students had COMPASS placement scores (63 English, 59 Math)

138 Awards (degrees and certifications) have been granted to 120 Tech Prep students:

Award title	#	Award title	#
VCT COMPU GRAPHICS FND CERTIF	2	ASSOCIATE IN ARTS AND SCIENCES OPTION B UW GENERAL TRANSFER	6
A+PC SERVICE TECH - CERTIF	1	ASSOC IN APPLIED ARTS/SCIENCES CRIMINAL JUSTICE	2
CERTIFICATE OF PROFICIENCY IN CAD-DRAFTING	1	ASSOCIATE IN SCIENCE - TRACK 2	2
CERTIFICATE PREPARATION	1	NURSING - AAAS-T	2
CNC OPERATORS TRAINING - CERT.	1	SPEECH/LANG PATHOLOGY AST-AAAS	2
COSMETOLOGY - CERTIFICATE	1	ASSOC IN APPLIED ARTS/SCIENCES ACCOUNTING	1
DENTAL BUSINESS OFC SPC CERTIF	1	ASSOC IN APPLIED ARTS/SCIENCES MECHANICAL ENGINEERING TECH	1
DIGITAL PERFORMER - CERTIF	1	ASSOCIATE IN ARTS AND SCIENCES OPTION B UW BUSINESS ADMIN	1
ENTREPRENEURSHIP-ST CERT COMPL	1	ASSOCIATE IN BUSINESS - DTA#	1
MEDICAL CODING/REIMB SPEC CERT	1	ASSOCIATE IN SCIENCE - TRACK 1	1
PHLEBOTOMY--CERT	1	AUTO TRAIN-TOYOTA T-TEN - AAAS	1
RETAIL MANAGEMENT - CERT.	1	BEAUTY SALON MANAGEMENT - AAAS	1
VCT ART AND DESIGN FND CERTIF	1	HEALTH INFORMATION TECH - AAAS	1
VCT ART/DESIGN MULTIMEDIA PREP	1	MUSIC TECH.-M.I.D.I.PROD -AAAS	1
ASSOC ARTS/SCIENCES OPT A-DTA#	80	VCT: GRAPHIC DESIGN - AAAS	1
ASSOC ARTS/SCIENCES OPT B	14		

Greatest Number of Tech Prep Enrollments

(Based on data for all TP students):

1. **Shorewood High School** (Shoreline SD) 321 students
2. **Inglemoor High School** (Northshore SD) 319 students
3. **Shorecrest High School** (Shoreline SD) 206 students

SCC students have taken advantage of the Tech Prep program in 34 different high school courses

The two most popular: "Principles in Marketing" and "Keyboarding." In 2006, "Principles of Marketing" remained in the lead. Business-related courses are the most transcribed, with biotech and manufacturing courses notably transcribed. Additional courses offered through high schools include applied math, computer/internet, and special projects.

120 Tech Prep students at SCC have earned a total of **138** awards (14 types of certificate, and 17 different degrees)

Document and state/national data compiled by: Heather Winfrey 425.572.0693 or jdwhaf@comcast.net

BCC/TP data mining compiled by: Kae Hamilton

Project Oversight: Joyce Carroll 425.564.6159 or jocarrol@bcc.ctc.edu

College Credit and Careers Network * 3000 Landerholm Circle SE * Bellevue WA 98007-6484

techprep@bcc.ctc.edu * www.collegecreditcareersnetwork.org