

Cascadia 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 Tech Prep high school graduates (who enrolled in C3N colleges immediately following graduation), and overall enrollment trends for all students coded **Tech Prep** in the CCC database (since 2000).

KEY FINDINGS

◀ Tech Prep at Cascadia is thriving in the state's newest community college. Although other colleges in C3N enjoy longer relationships with TP, Cascadia's enrollments are outpacing the other three colleges by an average of **5%** (percentage of total TP enrollments by number of year's program established at each college).

Since 2002, the number of Tech Prep high school graduates who later attend classes at CCC has remained consistent. There was a drop in 2003 (compared to the other colleges, whose greatest enrollment numbers peaked that year) but figures have nearly come back to the original high point of 25 students.

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].

Historically, there have been far more Running Start students enrolled at Cascadia than Tech Prep students. However, Cascadia's student profile data and the data collected in this study indicate these two groups are accessing the college for the same primary reason: to earn transfer degrees.

Tech Prep at Cascadia Community College:

Fostering innovation through CCC's inclusive programs and relationships

Data At-A-Glance - Fall 2006 Cohort

31 Tech Prep students enrolled Fall 2006

- **29%** (9 students) graduated from high school in spring 2006 and continued at CCC
- Of the 9 Tech prep/new high school grads:
 - 5 enrolled in English - 40% in a college level course
 - 5 enrolled in Math – 40% in a college level course

Tech Prep Success at Cascadia Community College

536 TP students have been in the college's data system since 2000

- **221 (41.5%)** earned a college level GPA of 4.0 in at least one course
- **96.5%** of all TP students earned a GPA of 2.50 or higher

134 of all TP students had COMPASS placement scores (127 English, 66 Math)

- **9 of the 10** fall 2006 TP students had COMPASS placement scores in both subjects

21 degrees have been awarded to Tech Prep students

Award	Count
ASSOC INTEGRATED STUDIES DTA	17
ASSOCIATE IN BUSINESS - DTA	2
ASSOC OF SCIENCE TRANSFER OPT1	1
ASSOC OF SCIENCE TRANSFER OPT2	1

Greatest Number of Tech Prep Enrollments

(Based on data for all TP students):

1. **Bothell High School** (Northshore I SD) 158 students
2. **Inglemoor High School** (Northshore SD) 147 students
3. **Woodinville High School** (Northshore SD) 140 students

CCC students have taken advantage of the Tech Prep program in 12 different business and information technology high school courses

The two most popular: "Introduction to Keyboarding" and "Word Processing." All of the courses transcribed relate to business and computer programming. This trend correlates to the strong industry influences surrounding Cascadia, including Microsoft and a myriad of firms connected to the information technology giant.

11 programs have been pursued by all TP students enrolled at CCC and **21 degrees** earned

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