

# Bellevue 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 BCC database (since 1992).

### KEY FINDINGS

◀ Tech Prep reflects the institutional goals and inclusive spirit of community at Bellevue Community College. Most notably, TP student trend towards transfer degrees and high demand professional certifications matched the overall BCC student population.

Since 1990, the number of Tech Prep high school graduates who later attend classes at BCC increased significantly; with the greatest numbers of subsequent enrollment in 2003 –2005 (2004 peaked at 224 students).

This positive trend declined in 2006 and 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 Bellevue Community College:

Reflecting BCC’s commitment to reaching the highest levels of education

#### Data At-A-Glance - Fall 2006 Cohort

#### 755 Tech Prep students enrolled Fall 2006

- **14.2%** (107 students) graduated from high school in spring 2006 and continued at BCC
- Of the 107 Tech prep/new high school grads:
  - 58 were enrolled in English 60% in a college level course
  - 62 were enrolled in Math – 45% in a college level course

#### 89% of Fall 2006 cohort planned to earn general transfer degree

- 73% of the Fall 2006 cohort plan to earn a degree in Business Management
- Of the 11% seeking an occupational degree, nursing was most commonly selected (15.5%)

Comparable to Running Start (statewide data for 2005 -2006 shows 93% planned for transfer degree) [Running Start 2005 –2006 Progress Report to Washington State Legislature, SBCTC]

#### Number of full-time Tech Prep students

(carrying 15 credits or greater) each quarter, 2006-2007 & 2007-2008:

2006 -2007	2007 - 2008
Summer Quarter - 66	Summer Quarter - 59
Fall Quarter - 231	Fall Quarter - 238
Winter Quarter - 221	Winter Quarter - 210
Spring Quarter - 199	Spring Quarter - 191

# Tech Prep Success at Bellevue Community College

**6774** TP students have been in the BCC database since 1992

- Of those, **2383 (38%)** earned a college-level GPA of 4.0 in at least one course
- **93.4%** of all Tech Prep students earned a GPA of 2.50 or higher.

**525** of all TP students had COMPASS placement scores (454 English, 173 Math)

- **78** of the Fall 2006 TP students had COMPASS scores in both subjects

**91.9%** of all Tech Prep students selected a transferable degree rather than a two-year occupational degree

**342 Awards** (degrees and certifications) have been awarded to Tech Prep students  
80 (23%) granted with some level of honor or distinction:

Award	Count
AAS-DTA	248
AB-DTA	27
AS-Transfer	13
AA	35
AS	1
AA General Studies	3
High School diploma	1
Certificates	7
ITP	4
Concentrations	3

## Greatest Number of Tech Prep Enrollments

(Based on data for all TP students):

1. **Inglemoor High School** (Northshore SD) 654 students
2. **Eastlake High School** (Lake Washington SD) 526 students
3. **Cedarcrest High School** (Riverview SD) 464 students

## BCC students have taken advantage of the Tech Prep program in 38 different HS courses:

The two most popular: "Keyboarding I" and "Computer & Software Fundamentals." In 2006, "Imaging Foundations" took the lead. Computer-related courses are the most transcribed, with accounting and other business courses ranking second in numbers. Additional courses offered through high schools include criminal justice, first aid, interior design and emergency services.

- **3,085 courses were transcribed in 2006.**
- **In total, 21,914 courses have been transcribed at BCC under Tech Prep coding.**

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