



CAREER AND TECHNICAL EDUCATION

Definition/Purpose

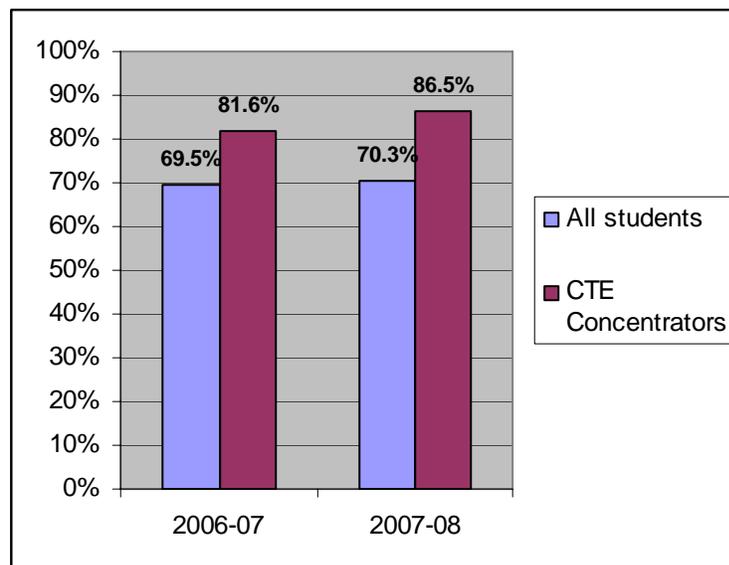
The mission of Career and Technical Education (CTE) in North Carolina is to empower students for effective participation in the international economy as world-class workers and citizens. CTE programs are designed to contribute to the broad educational achievement of students, including basic skills, as well as their ability to work independently and as part of a team, think creatively and solve problems, and utilize technology in the thinking and problem-solving process.

Outcomes/Results

Impact on Graduation Rate

Students who focused on Career and Technical Education in high school were more likely to graduate than students overall, according to data submitted to the U.S. Education Department in December 2008. Of the N.C. students scheduled to graduate in 2008 (ninth graders in 2004-2005) who earned four or more related technical credits*, 86.5 percent graduated on schedule. Overall, the graduation rate for all students scheduled to graduate in 2008 in North Carolina was 70.3 percent.

Comparison of Graduation Rate of CTE Concentrators* and All Students in 2006-2007 and 2007-2008



Source: CTE Accountability Results, 2/23/2009

* A CTE Concentrator earned at least four credits in a Career and Technical Education pathway, at least one of which was in a second-level (capstone) course.

Career and Technical (continued)

Preparation for Further Education A 2008 follow up study of 2007 CTE Concentrators* shows that 76.7 percent of these students went on to further education or advanced training.

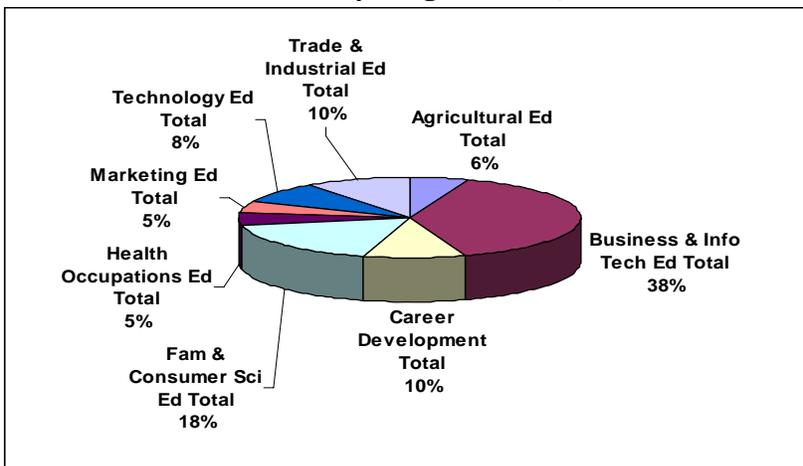
In 2007-2008, secondary CTE students earned more than 10,000 high school credits for community college or university courses. These credits can be converted to postsecondary credit and applied to an associate degree or postsecondary certificate or transferred to another postsecondary institution. The number of students enrolled in postsecondary courses through CTE has increased phenomenally since 2001-2002, when only 729 such credits were earned.

Course of Study Of North Carolina's 83,294 2008 high school graduates, at least 52.8 percent completed a CTE pathway, a sequence of four related CTE courses*. Almost a quarter of the graduates – 21.2 percent – completed the requirements for a CTE pathway and also met the requirements for the College University Prep course of study.

Students Served

The total CTE enrollment in grades 6-12 for 2007-2008 was 554,478 (this figure is unduplicated, which means students are only counted once, no matter how many CTE courses they take). Duplicated enrollment, which counts students every time they are enrolled in a CTE course, was 879,535 during 2007-2008. Secondary students made up 74.7 percent of the total CTE enrollment and middle school students 25.3 percent.

CTE Enrollment by Program Area, 2007-2008



There were 6,061 certified CTE teachers in North Carolina in 2007-2008 and more than 113 administrators providing services to students.

Leadership

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