

Career-Based Intervention

Ohio Department of Education, 2006

<http://www.ode.state.oh.us/GD/Templates/Pages/ODE/ODEPrimary.aspx?Page=2&TopicRelationID=861>

This article summarizes resources and information related to Career-Based Intervention (CBI), a career-technical program for students ages 12-21 in grades 7-12 who are identified as disadvantaged (academically, economically or both) and who have barriers to achieving academic and career success. The program includes the following components

College Tech Prep Programs

Tech Prep includes a combination of college preparatory academics and advanced career-technical education with the objective of an easy transition from high school to postsecondary education. In 10 years - from 1994-1995 to 2004-2005, the number of high school students in Ohio College Tech Prep grew from just over 600 to 13,000 in more than 900 programs. Postsecondary Tech Prep student enrollment grew from 57 to 7,000 with oversight by 23 consortia. Ohio College Tech Prep programs are offered in areas that include: engineering, teaching (science and math), computer programming, biotechnology, computer networking, interactive multimedia, marketing, business, procurement and logistics, health, criminal science, e-commerce, construction, horticulture and auto technology. In 2005-2006, College Tech Prep adopted a teaching pedagogy grounded in business and industry with students working on problems defined by a local business/industry. This problem-based, inquiry-based initiative brings education to life, making it relevant and rigorous while building relationships among community members. College Tech Prep curriculum emphasizes Science, Technology, Engineering and Math (STEM) careers with core academic skills.

The Ohio Career Development Program won the national Exemplary Secondary program award for its comprehensive career development program. Ohio Career Development Program serves all 612 K-12 public school districts. The goal of the program is to help Ohio's students learn more about educational and career options while they develop skills in decision making, goal setting, work habits, and attitudes. These skills are developed through career exploration activities, as well as classroom integration activities.

Lakeland Community College is an example of an Ohio college working successfully with high schools. Their mission of College Tech Prep is to efficiently and effectively educate students for participation in technology-related careers through a competency-based program of combined secondary and higher education experiences. The College Tech Prep program offers optional Summer Internships at local businesses, health care facilities, and industrial sites and various scholarships for Tech Prep students to continue their education at the college level. Summer internships last between 8-10 weeks and are PAID work experiences related to the student's field of study. Seniors are given first priority, but Juniors may also participate if internships remain unfilled. Lakeland offers Tech Prep programs in Networking Technology, CISCO; Practical Nursing, Computer Networking and Electronic Technology, Computer Information Systems, CAD Engineering Technology, E-Business and Interactive Media Technology.

<http://lakelandcc.edu/academic/techprep/>

Other components of the Ohio Career-Based Intervention program include the following:

Standards and Instruction

The Standards and Instruction site contains materials to ensure quality related to academic content standards, courses of study (accessible unit and lesson plans through the Instructional Management System), student and program performance, graduation requirements, Ohio schools operating standards, and information for teachers on improving classroom instruction.

Job Shadowing

Job Shadowing is an academically motivating activity designed to give kids the unique opportunity of an up-close look at the world of work and provide the answer to the commonly asked question, “Why do I have to learn this?” Job shadowing activities can provide students with an observation only approach to career exploration and work based learning.

Ohio Center for Math, Science and Reading

This places students in touch with the world around them. Contextual lesson plans contain high quality academic content in Standards Plus.

Core Integrated and Academic Competencies

Career Based Intervention program must use a course of study and instruction using the Core ITACs. This publication consists of 51 competencies essential for all careers. They represent what individuals need to know and be able to do to be successful in further education, in a career, and in life.

Work Experience and Career Exploration Program (WECEP)

A program for 14- and 15-year-old dropout-prone youth that combines paid work experience with career-oriented educational and motivational opportunities that encourage both completion of education and preparation for the world of work

Work-Based Learning

The Work-Based Learning resource is designed to assist students, educators and business/industry representatives in designing and implementing career-related experiences for learners. Included are various types of work-based learning and information on benefits to the partners - schools, teachers, business/industry and students.

For further information on the Lakeland Community College program visit their web site at <http://lakelandcc.edu/academic/techprep/#additionalInfo> or contact Christopher Dalheim, Tech Prep Director at 1.440.525.7235 or e-mail cdalheim@lakelandcc.edu
To obtain program ideas visit the inventory of Ohio Tech Prep programs located at <http://www.ode.state.oh.us/GD/DocumentManagement/DocumentDownload.aspx?DocumentID=18385>