



# STEM Transitions

## Project Partners

Center for  
Occupational  
Research and  
Development (CORD)

College and Career  
Transitions Initiative

States' Career Cluster  
Initiative

## STEM-Related Career Clusters

- Science, Technology, Engineering, and Mathematics
- Agriculture, Food, and Natural Resources
- Health Science
- Information Technology
- Manufacturing
- Transportation, Distribution, and Logistics

STEM Transitions is a project of the College and Career Transitions Initiative, funded by the U.S. Department of Education's Office of Vocational and Adult Education under cooperative agreement with the League for Innovation in the Community College.

## Project Overview

*STEM Transitions: Enhancing Mathematics and Science Rigor Through Evidence-Based Curriculum Projects* is a curriculum development initiative being led by the Center for Occupational Research and Development (CORD). Funded by the U.S. Department of Education Office of Vocational and Adult Education under cooperative agreement with the League for Innovation in the Community College, the project will build on the work of the College and Career Transitions Initiative begun by the League in 2003. At the heart of the project are the six Science, Technology, Engineering, and Mathematics (STEM) career clusters that will provide the context for instructional materials demonstrating the convergence of academic and technical content at the postsecondary level. The project began November 2007 and will conclude in late 2008.

Throughout the project, CORD staff is engaging community college faculty and industry representatives in the development of classroom-ready, standards-based integrated projects to aid in student mastery of essential math and science concepts while promoting the pursuit of STEM-related careers.

Project deliverables include 62 integrated curriculum projects for use in math, science, and technical courses at the community college level in the six STEM-related clusters. Each project will include background material necessary for the project to be taught within a cluster course as well as the related academic area. The projects will include assessment strategies and rubrics, evidence-based teaching strategies, and authentic tasks that encourage career exploration, team-building, and critical thinking.

CORD is being assisted by its project partners, the College and Career Transitions Initiative and the States' Career Cluster Initiative, in 1) the identification of math, science, and cluster standards to be addressed by the projects, 2) selection of topics for development, 3) review of project drafts, and 4) dissemination of completed teaching resources.

*To learn more or become involved:*

Visit [www.stemtransitions.org](http://www.stemtransitions.org)

*To ask questions, please e-mail Hope Cotner,  
Vice President of Community College Initiatives,  
CORD, at [hcotner@cord.org](mailto:hcotner@cord.org).*

