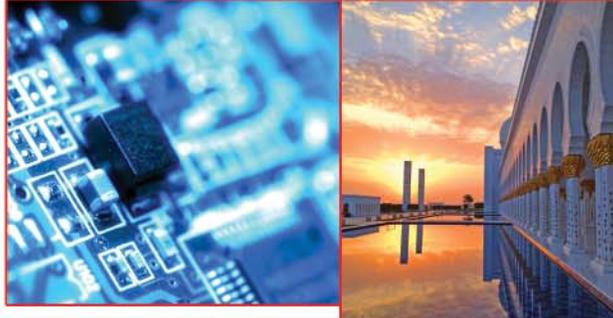


# CAREER CLUSTERS

A rewarding career can be found by STEM students in the following clusters:

- ▶ Architecture & Construction  
*Pathway: Design/Pre-construction*
- ▶ Information Technology  
*Pathways: Information Support & Services  
Programming & Software Development*
- ▶ Science, Technology, Engineering, and Mathematics (STEM)  
*Pathways: Engineering & Technology  
Science & Math*



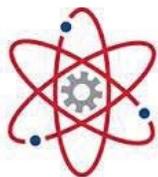
Arkansas Department  
of Career Education

CAREER & TECHNICAL  
EDUCATION DIVISION



OFFICE OF SCHOOL  
IMPROVEMENT  
AND STEM

## Affiliations



PROJECT LEAD THE WAY

PLTW

SREB 

Arkansas Department of Career Education  
Career and Technical Education Division  
Office of School Improvement and STEM  
Three Capitol Mall  
Little Rock, Arkansas 72201  
501-682-1616

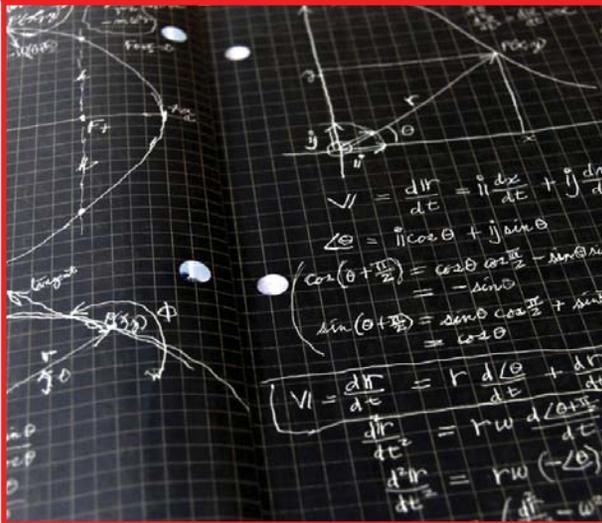
Arkansas Department  
of Career Education  
**ACE**

Learning that works for Arkansas  
**CTE**

<http://ace.arkansas.gov>



Preparing  
Tomorrow's  
Future Today



# OUR PROGRAMS

The Office of School Improvement offers programs in the following areas:

- ▶ Advanced Career: Innovations in Science and Technology
- ▶ Applied Sciences Principles of Technology (PT) and Physics in Context (PIC)
- ▶ Biomedical Sciences
- ▶ Career Academy
- ▶ Computer Engineering Technology
- ▶ Computer Programming



- ▶ Computer Science (Project Lead the Way)
- ▶ Drafting and Design Architectural CAD and/or Engineering CAD
- ▶ Engineering Technology Education (ETE)
- ▶ Gateway to Technology
- ▶ High Schools That Work
- ▶ Mobile Applications
- ▶ Pre-Engineering
- ▶ Technology Centers That Work

## Student Organization



*Learning To Live In A Technical World*

The Technology Student Association fosters personal growth, leadership, and opportunities in Science, Technology, Engineering, and Mathematics (STEM); members apply and integrate these concepts through co-curricular activities, competitions, and related programs.