

ARKANSAS CAREER EDUCATION UPDATE CTE COORDINATORS

**Kathi Turner, Deputy Director
Arkansas Department of Career Education
Career & Technical Education**

AUGUST 24, 2016



CAREER AND TECHNICAL EDUCATION (CTE)

CAREER EDUCATION AND WORKFORCE DEVELOPMENT BOARD

MISSION:

To prepare a job-ready, career bound workforce to meet the needs of Arkansas employers.





CAREER AND TECHNICAL EDUCATION (CTE)

VISION:

To modernize college and career-readiness programs through **innovation, collaboration, alignment, and accountability** to provide students technical skills development and guidance toward career opportunities



CTE QUICK FACTS

- **104,999 students participate in CTE courses**
 - 75% of all students in grades 9 – 12 are enrolled CTE courses
 - 90% of these students take CTE course at local high school
 - 10% of these students take courses at secondary career center
- **96.65% of CTE secondary students graduate high school on time.**
 - State Average: 93.55%
- **CTE Program Areas Funding:**
 - State: \$ 3,489,433
 - Federal: \$11,839,359
- **CTE Special Program Areas Funding (One-time grants, and school district contributions):**
 - State: \$ 242,216
 - Federal: \$ 1,959,210
 - School Districts: \$970,000





CTE PROGRAM AREAS

Accountability	Agriculture	Assessment	Business & Marketing
Career Development & Curriculum	Family and Consumer Sciences	School Improvement/STEM	Skilled and Technical



PROGRAM IMPROVEMENT ACCOUNTABILITY



- **Perkins Funds**
- **Must meet Performance Indicators**
 - Literacy
 - Mathematics
 - Technical Skill Attainment
 - Secondary School Completion
 - Student Graduation Rates
 - Secondary Placement
 - Non-traditional Participation
 - Non-traditional Completion



PROGRAM IMPROVEMENT AGRICULTURE EDUCATION



- **Curriculum in Agriculture Science in Education (CASE)**
 - Based on national content standards
 - Project and problem-based instruction
 - Endorsed by National Association for Supervision of Curriculum Development and agriculture industry
- **Agriculture Business**
- **Precision Agriculture**
 - Under development
 - Released July 1, 2017



PROGRAM IMPROVEMENT ASSESSMENT



- Moving from end of course testing to end of POS/Pathway testing
- 2015-16 only selected core courses (22 courses) were tested
- 21,344 assessments were administered
- 70% cut score or proficiency level
- 61% is the average percent proficient
- Goal: By 2017-18, industry recognized certification exams will be used to measure technical skill attainment for all programs of study



**PROGRAM IMPROVEMENT
BUSINESS EDUCATION**



- **Computer Science Initiative**
 - KeyCode
- **Business Technology Communications**
 - Video Conferencing
 - Web and Social Media Marketing
 - Basic Business Communication using Technology
- **Hospitality & Tourism**
 - Arkansas Hospitality & Tourism
 - Hospitality Administration
 - Tourism Industry
- **Office Management**
 - Medical Coding
- **Transportation and Logistics**
 - Focus on Supply Chain



**PROGRAM IMPROVEMENT
CAREER DEVELOPMENT & CURRICULUM**



- **Counselors and Career Development Specialists**
 - Courses align with Soft/Essential Skills
 - Promote Career Readiness, Career Planning and Development, Internship and other work-based learning opportunities
- **Curriculum Development in all CTE areas**
 - Facilitate development and revision of all CTE curriculum frameworks
 - Align curriculum with business and industry
 - Modernize curriculum offerings



**PROGRAM IMPROVEMENT
FAMILY & CONSUMER SCIENCES**



- **Recommend all FACS programs have an occupational area**
- **Dietetics** – Pilot stage, release July 1, 2017
- **Education and Training**
 - Joint Initiative with ACE, ADE and ADHE
 - Certifications
 - Certified Teacher Assistant
 - Child Development Associate
 - Two Pathways
 - Orientation to Teaching and/or Teacher Cadet
 - Consumer Services



**PROGRAM IMPROVEMENT
SCHOOL IMPROVEMENT/STEM**



- CAD Architecture
- CAD Engineering
- DRONE – Available July 1, 2016
- Mobile Application Development

Email:
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Career Academy Insight/Onsite
Mountain Home
September 19-20, 2016



PROGRAM IMPROVEMENT SKILLED & TECHNICAL



- Advanced Manufacturing
- Construction
- Diesel Mechanics
- Industrial Equipment Maintenance
- JROTC
- Mechatronics
- Medical Professions
- Precision Machining Technology
- Welding



CTE SPECIAL PROGRAMS



**College and Career
Coaches**

Career Planning

Special Populations

**State Approving
Agency for Veterans**



CTE SPECIAL PROGRAMS



- **Career Coaches**
 - Partnership with post-secondary colleges
 - 45 in most poverty counties
- **Career Planning System**
 - Office of Procurement
 - Will select system by end of August
- **Special Populations**
 - Jobs for Arkansas' Graduates
 - Equipment for special needs
- **Approving Agency for Veterans**
 - Approve schools for students to get veterans benefits



ARKANSAS INITIATIVES IN CTE



- **The Modern Workplace**
 - Arkansas Economic Development Commission
 - Educational Cooperatives CTE Program
 - Two day professional development
 - Day One: LEAN 101
 - Day Two: Industry tours
 - Eligible to participate in Teacher Internship



ARKANSAS INITIATIVES IN CTE



■ Teacher Internship Program

- Complete The Modern Workplace
- Educational Cooperatives CTE Program
- Teachers spend 5 days in business or industry
- Paid \$1,000 stipend
- Complete instructional unit to implement in classroom



ARKANSAS INITIATIVES IN CTE



■ Pilot Model for Career Centers

- Black River Technical College
 - Pocahontas
 - Sloan-Hendrix
- ASU-Newport
 - Bradford
 - Cedar Ridge
 - Newport
 - Tuckerman



ACE INNOVATION CHALLENGE



- **Partner with Noble Impact**
 - July 27-29, 2016
 - Little Rock, AR
- **Hosts**
 - Clinton School of Public Service
 - Little Rock Chamber of Commerce
 - The Innovation Hub
- **Purpose**
 - Provide teachers with support to creatively solve critical issues in CTE



U.S. PRESIDENTIAL SCHOLARS IN CTE



- For first time ever, U. S. Presidential Scholars included 20 CTE students
- **Jordan Lee**, 2015-16 Arkansas FBLA President from Nettleton High School, selected as Presidential Scholar in CTE
- Other CTE finalists from Arkansas
 - **Chase Hunter**, Bentonville High School
 - **Abigail L. Sanders**, Oark High School
 - **Hailey M. Crowder**, Heber Springs High School





CTSO STUDENT LEADERSHIP CENTER

- **Initiate July 1, 2016**
- **Arch Ford Educational Service Cooperative**
 - DECA
 - FBLA
 - FCCLA
 - HOSA
 - SKILLS USA
 - TSA
- **Farm Bureau Foundation - FFA**



ADVANCE CTE RISING STAR AWARD

- **Dr. Charisse Childers** named 2016 Star of Education
- Awarded to state directors who display unequivocal dedication to and engagement with the goals and overall mission of Advance CTE



FORDHAM INSTITUTE
ARKANSAS RESEARCH CENTER



- **The Thomas B. Fordham Institute:**
 - Advancing Educational Excellence**
 - Dr. Shaun Daugherty, University of Connecticut
 - “Career and Technical Education in High School: Does it Improve Student Outcomes?”



FORDHAM INSTITUTE
ARKANSAS RESEARCH CENTER



- **Coordinated with the Arkansas Research Center (ARC)**
 - Accessed and analyzed ARC database
 - Database combines secondary, postsecondary, and labor market information.
- **Arkansas Research Center**
 - Dr. Jake Walker
 - Arkansas Research Center



CAREER AND TECHNICAL EDUCATION IN HIGH SCHOOL: DOES IT IMPROVE STUDENT OUTCOMES?

EVIDENCE FROM ARKANSAS

89% OF STUDENTS HAVE TAKEN AT LEAST ONE CAREER AND TECHNICAL EDUCATION (CTE) COURSE IN HIGH SCHOOL

STUDENTS TAKE AN AVERAGE OF **4.9** CTE COURSES IN HIGH SCHOOL*

Arkansas Students Benefit Through CTE*

CAREER AND TECHNICAL EDUCATION IN HIGH SCHOOL Does it Improve Student Outcomes?

STUDENTS CAN CONCENTRATE BY TAKING A SEQUENCE OF THREE OR MORE CTE COURSES IN A PROGRAM OF STUDY ALIGNED TO A SPECIFIC CAREER AND INDUSTRY.

Top Three Preferred Programs of Concentration

 <p>BUSINESS 31%</p>	 <p>FAMILY & CONSUMER SCIENCE 25%</p>	 <p>AGRICULTURE 18%</p>
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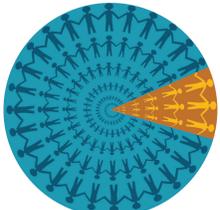
BENEFITS

Just ONE Additional CTE Class Above the Average Means a Student Is...

- 3%** More Likely to Graduate from High School & Students Who Concentrate in a Single Program of Study are...
- 21%** More Likely to Graduate from High School



89% OF STUDENTS HAVE TAKEN AT LEAST ONE CAREER AND TECHNICAL EDUCATION (CTE) COURSE IN HIGH SCHOOL



LOWER-INCOME STUDENTS who take THREE or More CTE Courses in a Program of Study are...

25% More Likely to Graduate from High School than Identical Students Who Do Not.



STUDENTS WHO CONCENTRATE IN STEM, IT, AND HEALTH SCIENCES are more likely to graduate from high school and receive a greater wage benefit than students who concentrate in other areas.





Scan QR Code to access **edexcellence.net** publications

* Read more on this study by the Fordham Institute, a leader in advancing educational excellence through research, analysis, commentary and advocacy, at www.edexcellence.net



Learning that works for Arkansas
CTE

BENEFITS TO BUSINESS & INDUSTRY

- Alignment of curriculum to job skills needed for meaningful jobs
- Industry certifications and credentials
- Better prepared students to enter workforce and/or postsecondary employment
- Support for special populations to enter the workplace

Arkansas Department of Career Education



STUDENTS LEAVE HIGH SCHOOL WITH:

- Diploma
- Concurrent Credit, possibly a degree
- Industry Certifications and stackable credentials
- Employment and/or College Acceptance



Questions??



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