

Growing Skills & Jobs in Arkansas with Work Ready Communities

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How Much Am I Worth?



Workforce Barriers to Local Potential

Candidate Pipeline

Job candidate pools to large or small

Difficult to navigate for employers



Workforce Quality

Skill gaps in under-prepared job seekers

Risk to employers from poor selections



Overcoming Poverty

Resources and leaders not fully-integrated

Missed opportunities to connect to pathways



Competing for Growth

Unable to prove value to attract investment

Job loss to stronger labor markets



The Workforce Ecosystem: A Better Approach



Employers



Saves Money

Saves Time

Reduces Risk



Educators



Enhances Instruction

Boosts Placement

Improves Compliance



Communities



Retain & Grow Jobs

Expand Quality of Life

Boost Community Image



What exactly do employers need?

NCRC Helps Learners Become Earners



increase with Gold/Platinum NCRC



increase with Silver NCRC



increase with Bronze NCRC

<http://bit.ly/2F8T3Wb>

EASTMAN

Phillips
STAFFING

BERNER
food & beverage

INOVA



Smart solutions.
Strong relationships.



SUBARU

PHIFER
INCORPORATED

GLEN RAVEN

General Plug
& Manufacturing

GILCHRIST
CONSTRUCTION COMPANY

Roy O Martin
Since 1923

**Case
Studies**

Research

Videos

**Holistic
Framework**

ACT Work Ready
Communities

<http://bit.ly/2EAQJqP>

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**Building a
Local
Workforce
Ecosystem**



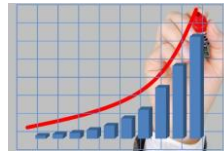
ACT Work Ready
Communities

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Improving Arkansas Economic Development Potential



Build integrated and responsive coalitions



Lower risk and boost ROI for investors



Increase visibility and goodwill



Fulfill demands of Arkansas employers



"By shifting the focus from student enrollment to student progression and accomplishment, we create a positive incentive for colleges and universities to encourage more students to complete their courses of study and for institutions to be more efficient in their operations."

— Gov. Asa Hutchinson, October 27, on Arkansas' adoption of productivity funding for two-year colleges and four-year universities

Arkansas ED Commission
900 West Capitol Avenue,
Suite 400
Little Rock, AR 72201
Mike Preston
Executive Director
1-800-ARKANSAS

arkansasedc.com

Arkansas

Pop. (2017): 3,041,640
Median household income: \$42,205
Credit Rating: AA/Stable

Pop. growth 2017-2022: 0.54%
Median age: 38.5
Right-to-work state: Yes

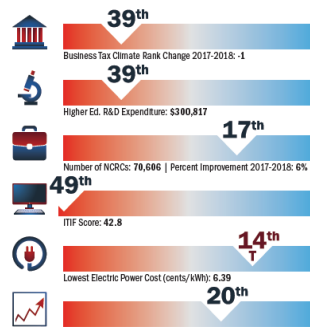
Legislative Update

- The Arkansas Business and Technology Accelerator Act, in effect as of October 1, 2017, creates a \$2-million state-supported startup program to help small companies and entrepreneurs commercialize business ideas and concepts. The program allows for discretionary grants of up to \$250,000 to sponsor business and technology programs to mentor startup companies.
- Act 166 creates the Arkansas Small Business Innovation Research Matching Grant Program to stimulate innovation and growth among the state's technology businesses. Eligible businesses may receive discretionary matching grants of up to 50 percent of the amount of federal Phase I and Phase II SBIR grants up to \$100,000.
- A \$50-million tax cut to take effect in 2019 will provide relief to lower income earners who did not benefit from cuts approved in 2015. The relief will apply to incomes of \$21,000 or less. A legislative task force created by the law is to make recommendations on broader tax relief in September 2018.

GDP
34th



2016 GDP
(in millions of current US\$)
\$121,383



Competing Stronger with WRC



Workforce Rankings NCRC & Participating Counties

Arkansas & Neighboring States



Oklahoma
Tennessee
Missouri
Louisiana
Arkansas
Kansas
Texas

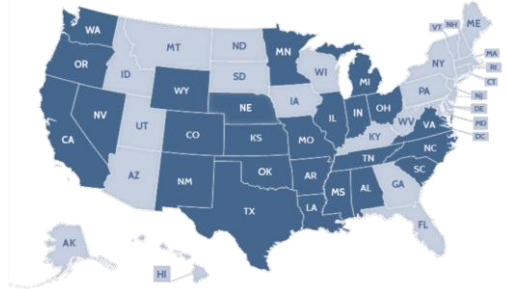
NCRCs Counties

136,840
119,320
99,396
98,279
72,423
30,663
24,916

1
21
87
13
22
5
3

Arkansas 6% Improvement

#23 to #17 Ranking Gain



Arkansas Job Growth & Skills



ACT WORKKEYS NCRC LEVELS

Platinum	424
Gold	16,507
Silver	43,098
Bronze	12,394
TOTAL	72,423

JOB PROFILES COMPLETED 123

EMPLOYERS SUPPORTING 339

ACT WorkKeys NCRC Data: 01-01-2006 - 03-31-2018

Sampling of In-Demand Jobs/Sectors	Jobs Open	2017 Jobs	2022 Jobs	% Gain	NCRC Level
Heavy and Tractor-Trailer Truck Drivers	3,796	32,233	32,233	4%	Silver
Laborers/Freight Movers	3,578	23,783	25,146	6%	Silver
Customer Service Reps	2,592	16,972	18,944	12%	Silver
Registered Nurses	1,576	23,753	25,668	8%	Gold
Team Assemblers	1,523	12,057	12,438	3%	Silver
Construction Laborers	887	7,416	7,990	8%	Silver
Electricians	790	5,574	6,357	14%	Gold



Work Ready Communities

Roadmap to Success



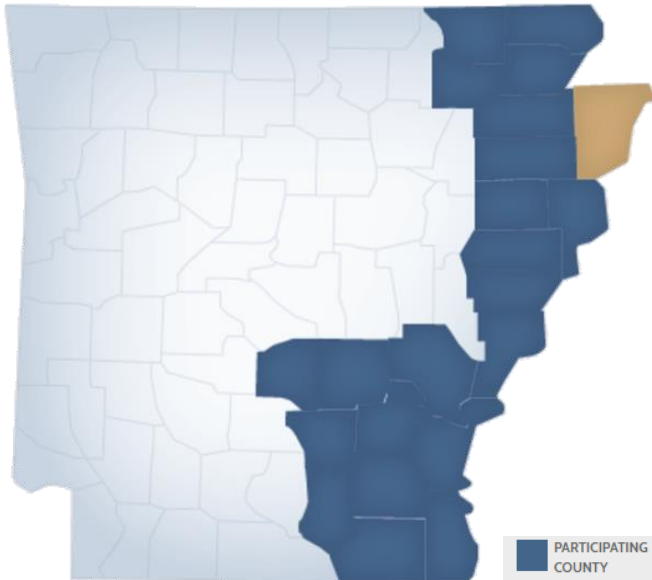
Leaders & Champions



Boot Camp Training



Goals & Strategies



ACT[®] National Career Readiness Certificate

ACT WORKKEYS NCRC LEVELS

■ Platinum	424
■ Gold	16,507
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TOTAL 72,423

JOB PROFILES COMPLETED 123

EMPLOYERS SUPPORTING 339

ACT WorkKeys NCRC Data: 01-01-2006 - 03-31-2018



Next Steps



workreadycommunities.org



- Recruit Champions
- Apply to WRC & Boot Camp



- Boot Camp Training/Planning
- Implement Custom Plan



- ACT Support at All Stages
- Celebrate & Leverage Success

WRC Boot Camp Training

Little Rock
November 7-8
and January 9-10

Other WRC Boot Camp Sessions:
Nashville 2018: August 1-2 and October 1-2
Omaha 2019: February 20-21 and April 24-25
Atlanta 2019: May 15-16 and July 18-19

**Urging
Arkansas
Counties
to Join
Work Ready
Communities**

Speaker Introduction

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State Lead-Arkansas & Kansas

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Today's ACT

Mission-Driven

We create products that genuinely help our customers succeed.



Research-Based

We use data and research to drive policy, product and business decisions.



Nonprofit

We re-invest in research, programs and services to support our mission.



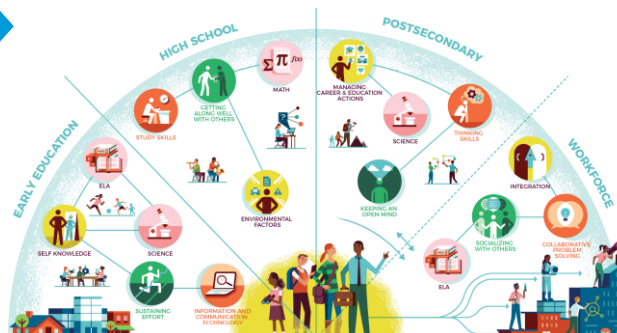
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ACT Holistic Framework™

The holistic model of education and work success

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- Cross-Cutting Capabilities
- Core Academic Skills
- Behavioral Skills
- Education & Career Navigation



Core Academic Skills

English Language Arts
Mathematics
Science

Cross-Cutting Capabilities

Information and Communication Technology
Collaborative Problem Solving
Thinking Skills
Learning Skills

Behavioral Skills

Acting Honestly
Getting Along Well with Others
Keeping an Open Mind
Maintaining Composure
Socializing with Others
Sustaining Effort

Education & Career Navigation

Self Knowledge
Environmental Factors
Integration
Managing Career & Education Actions

What do my students' test scores really mean?

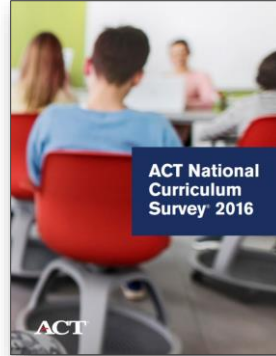
How do I know if my students are meeting educational standards?

National Curriculum Survey Page 9

Collects data from **almost 10,000 educators every 3 to 5 years** about what entering college students should know and be able to do to be ready for college-level coursework in English, math, reading, and science.

- The results inform ongoing efforts to develop, refine, and update common academic standards and to inform policymakers and educators.
- The results help guide development of ACT's curriculum-based assessments—ACT Aspire™ PreACT® and the ACT® test—and ensure that they meet the needs of college and career readiness.

http://www.act.org/content/dam/act/unsecured/documents/NCS_Report_Web.pdf



ACT College and Career Readiness Standards Page 10

Empirically derived descriptions of the skills and knowledge students need to be ready for college and career.

These standards give clear meaning to test scores and serve as a link between what students have learned and what they are ready to learn next.

Topics in the Row to...	Score 15	Score Range 16-19	Score Range 20-27	Score Range 28-32	Score Range 33-36
Number and Quantity (N)	<p>N 201. Find operations with rational numbers.</p> <p>N 202. Use exponents and radicals to work with real numbers.</p> <p>N 203. List positive or negative real numbers as whole numbers, and rational numbers on the number line.</p> <p>View changes</p>	<p>N 301. Recognize one-digit factors of a number</p> <p>N 302. Identify a digit's place value</p> <p>N 303. Locate rational numbers on the number line</p> <p><i>Note: A matrix as a representation of data is treated here as a basic table.</i></p>	<p>N 501. Order fractions</p> <p>N 502. Find and use the least common multiple</p> <p>N 503. Work with integer factors</p> <p>N 504. Exhibit some knowledge of the properties of complex numbers</p> <p>N 505. Add and subtract matrices that have integer entries</p> <p>N 506. Multiply two complex numbers</p> <p>N 601. Apply number properties involving prime factorization</p> <p>N 602. Apply number properties involving exponents, radicals, and factoring</p> <p>N 603. Apply number properties involving powers of 10</p> <p>N 604. Apply the fact that the rational and the real number systems are closed under addition, subtraction, and scalar multiplication of vectors and of matrices</p> <p>N 605. Apply properties of rational exponents</p> <p>N 606. Multiply two complex numbers</p> <p>N 607. Use matrices involving addition, subtraction, and scalar multiplication of vectors and of matrices</p> <p>View changes</p>	<p>N 701. Analyze and draw conclusions based on number concepts</p> <p>N 702. Apply properties of rational numbers and the real number system</p> <p>N 703. Apply properties of real numbers and the real number system, including properties of rational numbers</p> <p>N 704. Apply properties of complex numbers and the complex number system</p> <p>N 705. Multiply matrices</p> <p>N 706. Apply properties of matrices and properties of matrices as a number system</p> <p>View changes</p>	<p>N 801. Analyze and draw conclusions based on number concepts</p> <p>N 802. Apply properties of rational numbers and the real number system</p> <p>N 803. Apply properties of real numbers and the real number system, including properties of rational numbers</p> <p>N 804. Apply properties of complex numbers and the complex number system</p> <p>N 805. Multiply matrices</p> <p>N 806. Apply properties of matrices and properties of matrices as a number system</p> <p>View changes</p>

ACT College and Career Readiness Standards— Ideas for Progress

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Score Range 16–19

Number and Quantity

- apply elementary number concepts, including identifying patterns pictorially and numerically (e.g., triangular numbers, arithmetic and geometric sequences), ordering integers, and identifying factors of whole numbers
- recognize, identify, and apply basic properties of real numbers (e.g., commutative, associative, identities)
- describe the distance between zero and a point on the number line
- measure and describe, with appropriate units, the distance between two points
- arrange data into meaningful arrays
- identify the dimensions of a matrix

ACT College Readiness Benchmarks

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Scores on the ACT and PreACT subject-area tests that represent the level of achievement required for students to have a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in corresponding credit-bearing first-year college courses.

College Course	ACT-Subject Area Test	The ACT Benchmark
English Composition	English	18
College Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23

ACT Aspire College Readiness Indicators

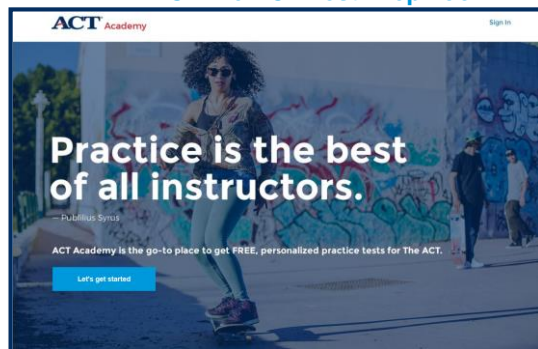
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The ACT Readiness Benchmarks for ACT Aspire are linked to the ACT College Readiness Benchmarks. Students at or above the benchmark are on target to meet the corresponding benchmark in grade 11.

ACT Aspire Readiness Benchmarks								
Subject	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10
English	413	417	419	420	421	422	426	428
Math	413	416	418	420	422	425	428	432
Reading	415	417	420	421	423	424	425	428
Science	418	420	422	423	425	427	430	432
ELA	419	421	422	423	424	425	426	428
STEM	419	422	425	427	429	432	434	437

ACT Academy

ACT[®] Academy[™] FREE Online ACT Test Prep Tool



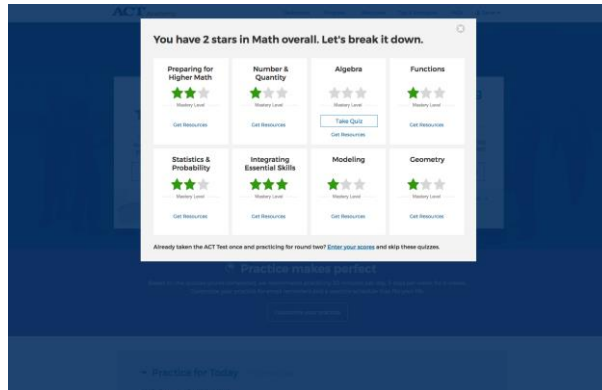
ACT Academy

- Personalized, self-guided plan based on their test results from the PreACT, ACT, or official ACT practice tests available directly on ACT Academy.
- Students will also be able to take a full-length ACT test
- Access to educational videos, games, activities, quizzes, lesson plans, and assignments
- Online and easy to use with the flexibility on how and when they prepare for the ACT
- Tips and Strategies for taking the ACT exam

ACT Academy Student Dashboard

The screenshot shows the ACT Academy Student Dashboard. At the top, it says "Test day will be here before you know it. Keep up the good work!". Below this are four main sections: Math, Science, English, and Reading. Each section has a star rating and a "Explore" button. The Math section says "Take these math sections to practice. You already know." and has a "4 Quizzes Completed" indicator. The Science section says "Haha! It's!" and has a "4 Quizzes Completed" indicator. The English section says "Keep practicing!" and has a "4 Quizzes Completed" indicator. The Reading section says "You got this, just a little more practice needed." and has a "2 Quizzes Completed" indicator. At the bottom, there is a "Practice makes perfect" section with a "Customize your practice" button and a "Practice for Today" section with a "30 minutes" timer and "Math: Preparing for Higher Math" text.

ACT Academy Student Dashboard








The screenshot shows a form titled "Enter your ACT or PreACT test scores" with a "Show Me" button. The form is divided into sections for Math, English, and Science, each with a list of sub-topics and checkboxes for selection:

- Math:**
 - Preparing for Higher Math
 - Number & Quantity
 - Algebra
 - Functions
 - Geometry
 - Statistics & Probability
 - Integrating Essential Skills
 - Modeling
- English:**
 - Production of Writing
 - Knowledge of Language
 - Conventions of Standard English
- Science:**
 - Interpretation of Data
 - Scientific Investigation
 - Evaluation of Arguments
- Reading:**
 - Key Ideas & Details
 - Craft & Structure
 - Integration of Knowledge & Ideas
- Understanding Complex Texts:**
 - Below
 - Proficient
 - Above





ACT Academy Prep Based on Test Results

Practice for Today (about 30 minutes)

Math: Preparing for Higher Math

 <p>VIDEO</p> <p>Finding Domain and Range of a Function Using a Graph</p> <p>Length: 5:45</p> <p>PatrickJMT</p>	 <p>VIDEO</p> <p>Function Notation</p> <p>Length: 10:12</p> <p>TeacherTube Math</p>	 <p>VIDEO</p> <p>Introduction to Relations and Functions</p> <p>Length: 11:02</p> <p>Mathpowerfu</p>	 <p>VIDEO</p> <p>Function Notation</p> <p>Length: 10:12</p> <p>TeacherTube Math</p>	 <p>Check Your Knowledge</p> <p>Take a short quiz to see how much you've learned.</p> <p>Start Quiz</p>
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Science: Scientific Investigation

 <p>VIDEO</p> <p>Finding Domain and Range of a Function Using a Graph</p> <p>Length: 5:45</p> <p>PatrickJMT</p>	 <p>VIDEO</p> <p>Function Notation</p> <p>Length: 10:12</p> <p>TeacherTube Math</p>	 <p>VIDEO</p> <p>Introduction to Relations and Functions</p> <p>Length: 11:02</p> <p>Mathpowerfu</p>	 <p>Check Your Knowledge</p> <p>Take a short quiz to see how much you've learned.</p> <p>Start Quiz</p>
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ACT Academy
Recommended Content