HOW KCTCS WORKS FOR KENTUCKY’S WORKFORCE
16 KCTCS colleges
73 locations
About KCTCS

• **Largest provider** of postsecondary education, online courses and workforce training

• **Locations within a 30-minute drive** of 95% of all Kentuckians
About KCTCS

• 106,874 students
• 60,738 enrolled in online courses
• 19,660 high school students in dual credit/dual enrollment (2018-19)
About KCTCS

• Increased enrollment by 111% and credentials awarded by nearly 300%.

• 8th nationally; 2nd based on population.

• 79% of credentials awarded in 2018-19 were in the state’s top five job sectors.
About KCTCS

• 98% of all short-term certificates in Kentucky

• 66 percent of nursing and allied healthcare credentials, and 87 percent of all associate degrees in nursing and allied health

• 82 percent of Kentucky’s skilled trades workers
KCTCS has bettered the lives of nearly one million Kentuckians.
THE CHANGING WORLD OF WORK
Rules of the New Economy
(Georgetown Center on Education and the Workforce)

Lifetime Earnings

<table>
<thead>
<tr>
<th>Degree</th>
<th>Earnings (M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS Diploma</td>
<td>$1.4M</td>
</tr>
<tr>
<td>Associate</td>
<td>$1.8M</td>
</tr>
<tr>
<td>Bachelor</td>
<td>$2.5M</td>
</tr>
<tr>
<td>Master’s</td>
<td>$2.9M</td>
</tr>
<tr>
<td>Doctorate</td>
<td>$3.5M</td>
</tr>
<tr>
<td>Professional</td>
<td>$4.0M</td>
</tr>
</tbody>
</table>

The value of programs and college majors varies according to alignment with regional labor market demand.

For instance, major in early childhood education pays $3.4M less than a major in petroleum engineering.

As an example, IT certificate holders working in their field earn about $70K per year, compared with the average BA holder, who earns $61K.
The Pathway to the Middle Class has Changed

THEN
high school diploma $\rightarrow$ stable blue- & white-collar jobs with good salaries

bachelor degrees in most/all fields $\rightarrow$ financial stability and prosperity

NOW
Technology & globalization have shifted good jobs away from workers with just a high school diploma in favor of technically skilled, postsecondary-level workers.
Problems Employers are Facing

Out of 596 KY employers, over 300 agreed:

• Declining number of job applicants.

• Candidates do not have the right skills for the job.

• Candidates do not have the right work experience.
The New World of Work

• Employer expectations
  • Industry **credentials, not degrees**; soft skills; quick training

• Competency-Based Education
  • **Less seat time**, different type of transcript

• Need workers **NOW!** Creating in-house training programs.
The Education Freeway
STATE AND NATIONAL CHALLENGES
Business-Education Roundtable

- Kentucky needs to up its game.
- 42nd in workforce participation ranking
- 47th in per capita income
- How do we become top tier?
Manufacturers Need Skilled Workers

• KCTCS has 400 manufacturing partners

• Nationally, manufacturers need to fill **4.6 million jobs by 2028.** (National Association of Manufacturers)

• More than **2,000** manufacturing jobs open in Kentucky **NOW.** (Kentuckiana Works)
Shortage of Health Care Professionals

By 2025, the US will likely face a shortage of...

- 446,300 Home health aides
- 98,700 Medical and lab technologists and technicians
- 95,000 Nursing assistants
- 29,400 Nurse practitioners

HOW KCTCS IS MEETING NEEDS OF BUSINESS & INDUSTRY
KY FAME

• Kentucky Federation for Advanced Manufacturing Education (KY FAME)
  • 135 KY FAME business partners
  • 11 FAME chapters statewide
Apprenticeships

• One of the best ways to close the skills gap.

• Employer and employee satisfaction higher.

• KCTCS investing $2.7 million.

• $420,000 AACC grant to increase the number of apprenticeships.
KCTCS Trains

- Colleges work with local businesses to create custom training.
- KCTCS Trains pays 50%; company pays 50%.
- Approximately 3 million participants since 1998.
A few KCTCS Trains Partners

Maker's Mark
Wacker
Ford
Smucker's Foodservice
Baptist Health Paducah
3M
Kellogg's
Pop-Tarts
Tempur-Pedic
GM
Corvette
“We chose to make an investment in leadership development by partnering with WKCTCS to provide tools for a strong leadership foundation.”

- Chris Roty, Baptist Health Paducah President
KCTCS Workforce Solutions

“The idea seems to be spreading really well that locking them up and leaving them just doesn’t work.”

- David Knight, McCracken County Jailer
TUITION, FAMILY, WORK
BARRIERS OUR STUDENTS FACE
Helping Students Pay for College

WORK READY
SCHOLARSHIP PROGRAM
Ready. Set. Work.

DUAL CREDIT
GO2COLLEGE IN HIGH SCHOOL

GED+PLUS
ACCELERATE YOUR PATH TO A CAREER

KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM
Removing Barriers

- **Childcare** offered on some campuses through third party.
- Agreements with bus companies for student **transportation** to classes.
- Food and necessities pantries
All 16 colleges added new programs, services and outreach to adults.

More evening and Saturday classes.

Flexible class schedules – Online classes with open labs.

Adding more short-term classes like CDL and lineman.
Lumina Foundation Grant: The Graduate! Network

- Community Ambassador program pilot at three colleges – Hazard, Jefferson, Madisonville
  - 45 ambassadors contact 45 prospective adult students.

- Programs **aimed at working adults.**
Comebacker Brian Jones

- WRKS recipient, MCC Accelerate student
- Credits ambassador outreach for his college enrollment.
- Works for the City of Madisonville.
- Plans to get a bachelor’s degree.
Putting People to Work

• **Partnerships** with businesses; **custom training**

• **Experiential learning**: KY FAME, apprenticeships

• Classes completed in weeks, not months or years.

• KCTCS is putting people to work quickly!