TEAM KENTUCKY®

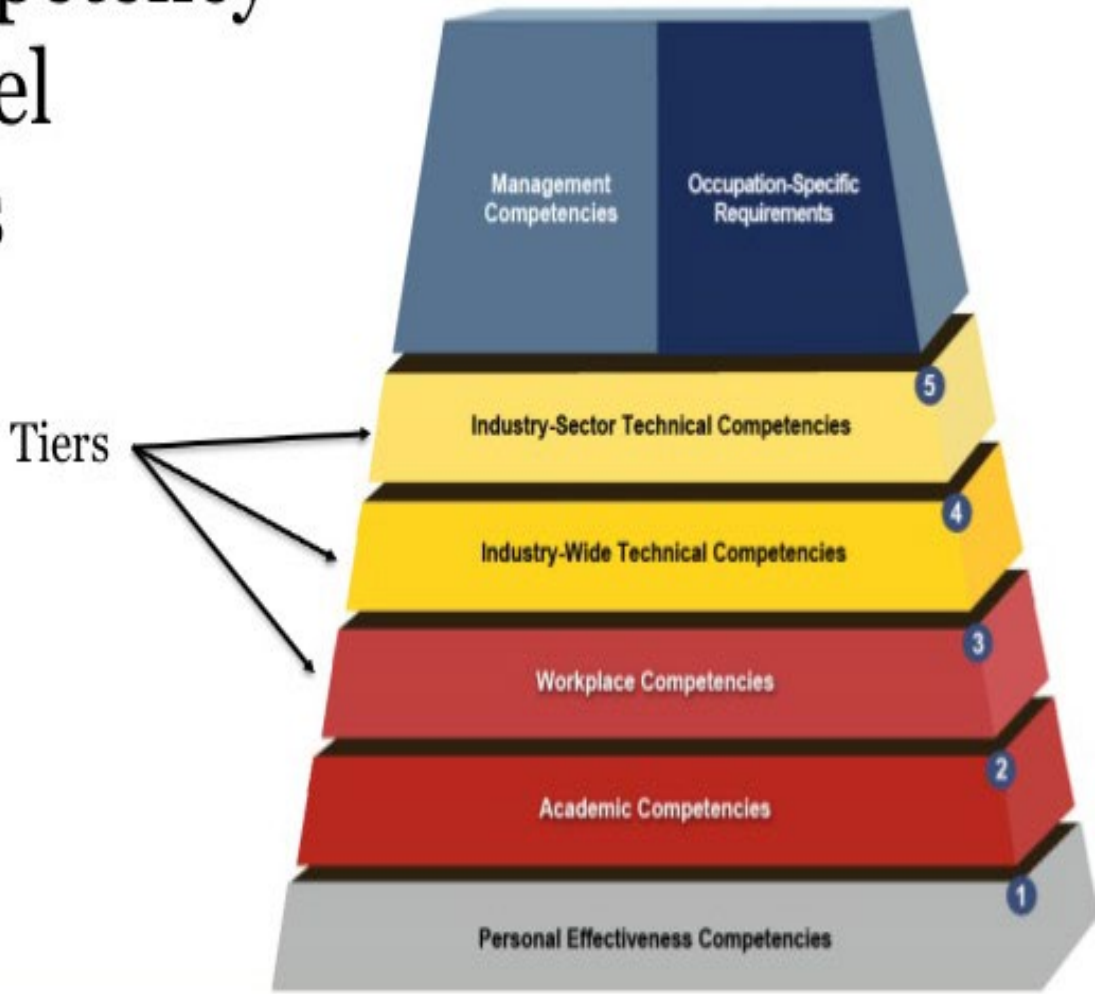
EDUCATION AND LABOR CABINET

Ready for Industry

Presented by the Department of Workforce Development

Ready for Industry® Provides Essential General Industry Knowledge

Competency Model Tiers



Creates a bridge between standard K-12 education and the knowledge needed for success in industry.

Covers gaps in common technical training and the industry and workplace competencies in tiers 3 and 4 of the workplace competency model.

READYFORINDUSTRY

Ready for Industry ® Addresses Career Preparedness

This new platform, Ready for Industry, is designed to address career preparedness and awareness for near-term job seekers and employees from late high school through adulthood.

Ready for Industry bridges two gaps that exist in the preparation of many potential skilled workers:

- What industry pathway do I want to pursue?
- What is the basic info that employers want me to know that I might not learn in school?

Ready for Industry offers a comprehensive solution, providing separate 15–20-hour courses for each of the five highest-demand industries:

- Healthcare
- Manufacturing
- Information Technology
- Construction
- Logistics

Ready for Industry provides a context for post-secondary career search and employee training. This is NOT a replacement for technical training.

Course Outline

READYFORINDUSTRY

For each of the 5 highest-demand industries, RFI provides self-paced, online instruction on:

- Introduction to the Industry
- Working in the Industry/Terminology/Common Practices
- Career Opportunities and Descriptions
- Current Issues and Trends in the Industry
- Career Pathways, Education and Certifications in the Industry
- Workplace Expectations in Industry

Separate 15–20-hour courses for each of the 5 highest-demand industries:

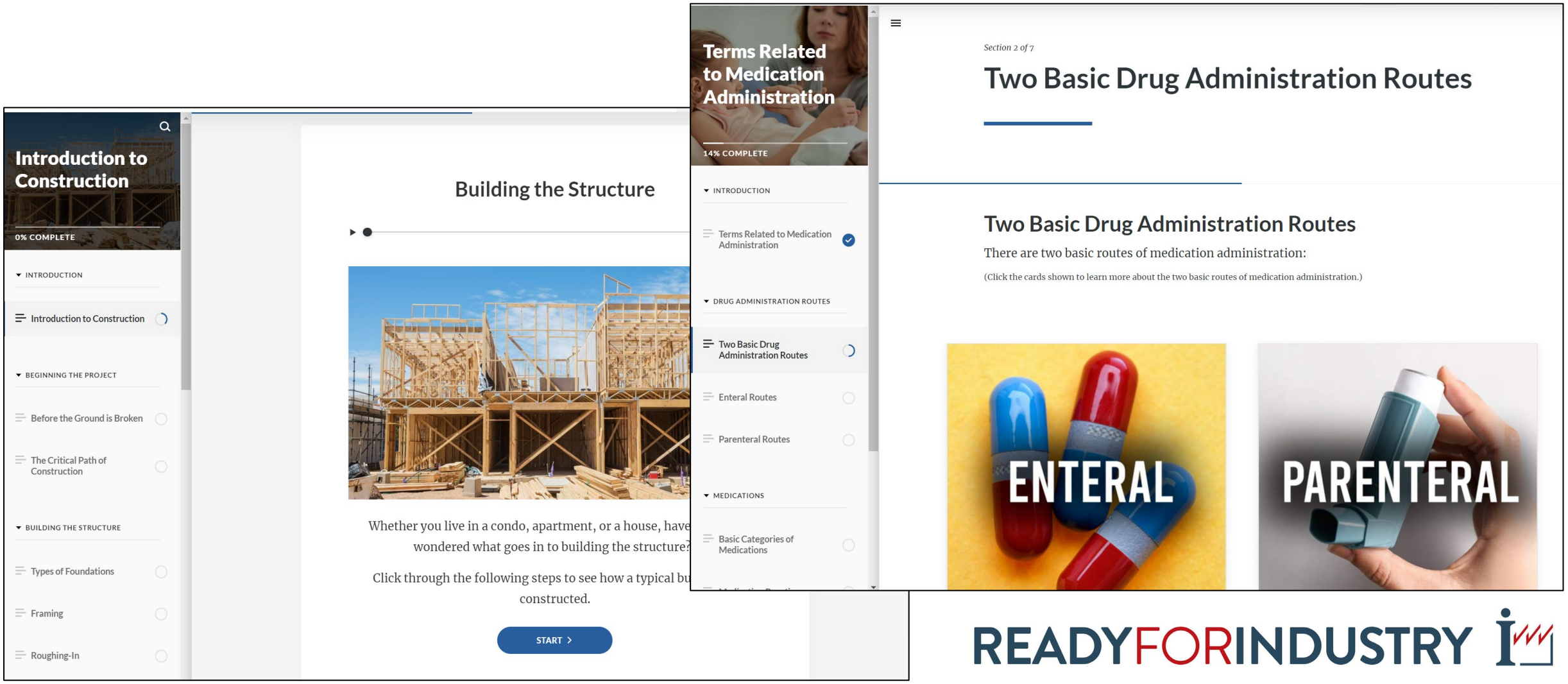
- Healthcare
- Manufacturing
- Information Technology
- Construction
- Logistics

Ready for Industry®: Launched 2022

TEAM KENTUCKY®

EDUCATION AND LABOR CABINET

Ready for Industry®: Course Examples



READYFORINDUSTRY

Ready for Industry®: Sample Questions Logistics

1. The transportation industry's effort to reduce human trafficking is designed to
   A. Protect against people being transported against their will
   B. Move drivers more quickly
   C. Package goods more carefully
   D. Create laws on public transportation

2. Which endorsement allows a driver to haul multiple trailers simultaneously?
   A. hazmat
   B. tank
   C. doubles/triples
   D. short-haul

3. Drive time limits and regulations are set and implemented by the
   A. Department of Commerce (DOC)
   B. Environmental Protection Agency (EPA)
   C. Food and Drug Administration (FDA)
   D. Department of Transportation (DOT)

Ready for Industry®: Sample Questions Manufacturing

1. A consolidation center is used to combine small orders and shipments into larger shipments to
   A. fill trucks to capacity
   B. incorporate more robots
   C. increase shipping time
   D. lower material costs

2. The team member responsible for fixing machines as quickly as possible is the
   A. maintenance supervisor
   B. production manager
   C. maintenance technician
   D. production director

3. Who designs, builds, and maintains the machines required for production?
   A. manufacturing technician
   B. press operator
   C. mechanical engineer
   D. millwright

Ready for Industry®: Sample Questions Manufacturing

1. A consolidation center is used to combine small orders and shipments into larger shipments to
   A. fill trucks to capacity
   B. incorporate more robots
   C. increase shipping time
   D. lower material costs

2. The team member responsible for fixing machines as quickly as possible is the
   A. maintenance supervisor
   B. production manager
   C. maintenance technician
   D. production director

3. Who designs, builds, and maintains the machines required for production?
   A. manufacturing technician
   B. press operator
   C. mechanical engineer
   D. millwright

Ready for Industry®: Sample Questions Healthcare

1. Which type of communication would most likely occur between the head of radiology and the head of cardiology?

- **A. horizontal**
- **B. upward vertical**
- **C. diagonal**
- **D. downward vertical**

2. An example of Personal Protective Equipment (PPE) is

- **A. gloves**
- **B. tissues**
- **C. sharps containers**
- **D. hand sanitizer**

3. Which therapist helps patients with permanent disabilities improve skills for daily living?

- **A. occupational**
- **B. respiratory**
- **C. massage**
- **D. physical**

Ready for Industry®: Sample Questions Construction

1. Which type of carpenter typically constructs additions to homes?
   - A. commercial
   - B. residential
   - C. niche
   - D. trim

2. More than half of all _____ workers are fabricators.
   - A. sheet metal
   - B. plumbing
   - C. landscape design
   - D. crane

3. Which type of renewable energy uses a hydraulic turbine generator?
   - A. biomass
   - B. coal
   - C. hydropower
   - D. solar

Ready for Industry®: Sample Questions Information Technology

1. What kind of network can be used to secure data when it travels over the internet?

- **A. MAN**
- **B. VPN**
- **C. PAN**
- **D. SAN**

2. Which is the final phase of a security incident response plan?

- **A. post-incident recovery**
- **B. preparation**
- **C. containment and eradication**
- **D. detection and analysis**

3. Which data management role includes the responsibility of ensuring that data is accurate, complete, consistent, and has integrity?

- **A. Business Intelligence (BI) engineer**
- **B. data architect**
- **C. data quality engineer**
- **D. project manager**

Ready for Industry®: Sample Questions Information Technology

4. Which method of fraud analytics only looks at part of a dataset out of a large population for fraud?

A. sampling
B. ad-hoc
C. repetitive analysis
D. analytics techniques

5. Why shouldn't IT projects be completed at the last minute?

A. Many people are relying on each other to get the work done.
B. There are no actual due dates on IT assignments.
C. IT projects have very flexible timelines and can be adjusted easily.
D. IT professionals can pass work on to others.

Ready for Industry®: Employer Sample Uses

- **Career Pathway Awareness:** The platform helps prospective workers understand the most in-demand industries by providing information about careers, businesses, and industry processes. Employers can encourage job seekers to explore courses related to specific industries.

- **Essential Industry Knowledge:** The tool covers essential processes in each industry, bridging the gap between standard K-12 education and workplace competencies. Employers can recommend courses to new employees to enhance their understanding of industry terminology, trends, and best practices.

- **Standardized Assessments:** This training offers industry-specific standardized assessments aligned with five high-demand industries: construction, healthcare, information technology, logistics, and manufacturing. These assessments validate individuals' knowledge and provide tangible proof of their awareness of industry requirements. Employers can consider these assessments during the hiring process.

- **Resourcefulness:** By combining courses with standardized assessments, employers can enhance workforce readiness and competitiveness.

Certificate of Completion – Industry Credential

- **Currently participants can earn a Certificate of Completion**
- **Ready for Industry industry-recognized credential is being developed and planning for release later this year.**
- **Launched in 2024**

NOCTI

Next Steps:

1. We have established a Kentucky Demonstration Class in the system for employers and businesses to review the training for their business needs. To set up your account, please visit https://web.readyforindustry.com/Account/SelfSignup or the QR code below and enter Class Code **9d92fd**.

Next Steps Continued:

2. After you have looked over the training and would like to access this tool and resource as an administrator, please go to https://web.readyforindustry.com/StateEnquiry/EnquiryForm?sitecode=ky and request a new account for your organization type.

3. Here's the link to the form "Ready for Industry Follow-Up Form“ if you would like to meet with us again: https://forms.office.com/Pages/ResponsePage.aspx?id=TX9812fXH0a2JQYoeS6eKiu2bodEux5NjN4gzJ52q4FUNURaQURWQkhRRUlNUVlWMzRSMjhGSFJPTS4u

TEAM KENTUCKY®

EDUCATION AND LABOR CABINET

Thank You

Please email us at workforce@ky.gov

Website: www.kyworks.ky.gov