

Driving Student Success

Standards and competencies are the teaching roadmap. The destination or goal is to prepare students to meet the demands of postsecondary education and the expectations of employers. Standards and competencies drive the lesson plans, teaching strategies, and assessments in a course. Standards and competencies are aligned to industry-based standards and state core standards. Course standards and competencies are the students' vehicle to success—what they need to know and be able to do. The rubric is the GPS—it tells students where they are on the road to success!

What Does the CTE Competency Attainment Rubric Address?

KNOWLEDGE ATTAINMENT
TECHNICAL SKILL
PROBLEM SOLVING
CAREER AWARENESS
COMMUNICATION/LITERACY

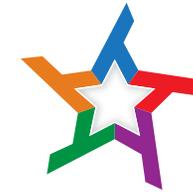
Why Use Rubrics?

- Many experts believe that rubrics improve students' end products and therefore increase learning.
- When teachers evaluate papers or projects, they know implicitly what makes a good final product and why.
- When students receive rubrics beforehand, they understand how they will be evaluated and can prepare accordingly.
- **It takes the mystery out of mastery.**



**Tennessee
Career & Technical
Education**

Rigor, Relevance, Reason to Achieve



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Mission

Preparing today's students for tomorrow's opportunities.

Vision

To provide Tennessee students the opportunity to participate in a rigorous and relevant career and technical education program that leads to academic achievement and successful employment in a global economy.

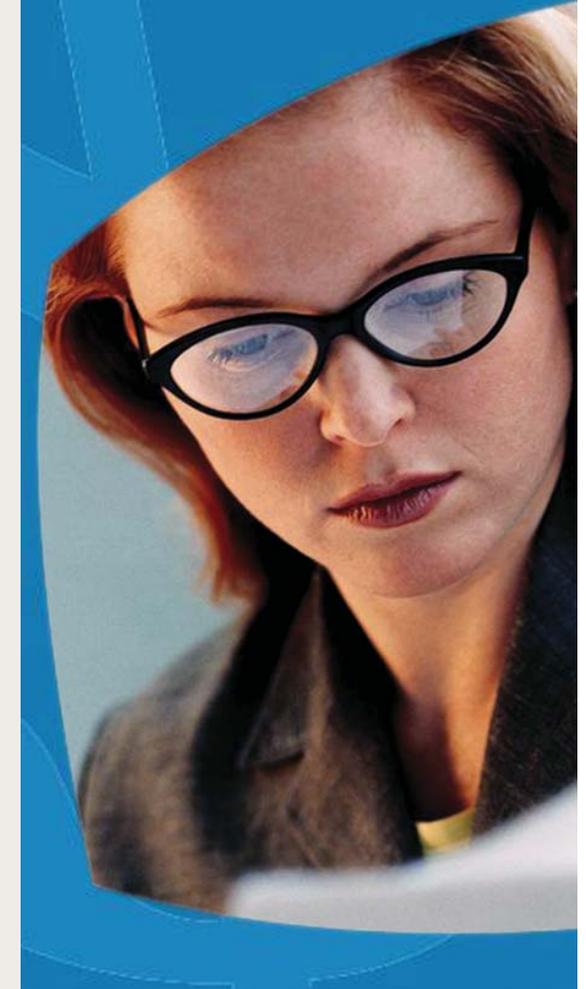
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Competency Attainment Rubric





“If we are to be competitive in today’s global economy, it is critical for us as a nation to give every high school graduate the opportunity to live a meaningful and productive life and earn a decent wage. All high school graduates should have a sound foundation of knowledge and skills so that they can enter college or workforce training programs ready to learn.”

“Ready for College and Ready for Work: Same or Different?”

—ACT, Inc. (2006)

NATIONAL TRENDS: Then and Now

U.S. Bureau of Labor Statistics

| | Mid–20th Century | 21st Century |
|--------------|------------------|--------------|
| Professional | 20% | 20% |
| Skilled | 15% | 65% |
| Unskilled | 65% | 15% |

A **skilled worker** is someone who has acquired some special occupational skill, knowledge, or ability. As you can see from the table above, the demand for skilled workers has risen significantly. In an economic climate with a shortage of skilled workers, CTE programs of study help prepare students for high-skill, high-wage, and high-demand jobs.

RUBRIC CATEGORIES

The Competency Attainment Rubric defines success by providing a clear description of proficiency in a CTE course. Proficient students meet career and postsecondary readiness standards.

Knowledge Attainment

- Consistently demonstrates comprehension and use of technical vocabulary content.
- Applies knowledge to new situations and to complete a relevant project.

Technical Skill

- Consistently applies technical skills and adapts to emerging technology.

Problem Solving

- Works independently and collaboratively in solving authentic problems and incorporates technology as appropriate.
- Identifies and analyzes a routine problem, recommends and implements a solution, and evaluates the solution’s effectiveness.

Career Awareness

- Identifies and uses various career-related resources (i.e., professional/student organizations, professional publications, occupational certifications, etc.).
- Demonstrates/models occupational safety procedures.
- Demonstrates/models professional practices in a career field related to soft skills, ethical behavior, occupational safety, and environmental and legal considerations.

Communication/Literacy

- Reads multiple technical materials and interprets to formulate logical, evidence-based conclusions and communicates findings in verbal, written, and visual formats.

*Ready for
life after
high school ?*

