

Course End-of-Course Outcomes

CTE Guidelines:

Course End-of-Course Outcomes

The distinguishing feature of each CTE course. Minimum outcomes are intended for student attainment of specific competencies and are meant to be taught and measured for the award of either SCH or CEU.

End-of-course outcomes include the following characteristics:

- “Heart” of a CTE course;
- “Over-arching” outcomes that encompass enabling objectives;
- Distinguish one course from another;
- May be augmented;
- Describe what students can demonstrate in terms of knowledge, skills, and abilities upon completion of a course;
- Focus on student behavior and use simple, specific action verbs to describe what students are expected to demonstrate upon completion of a course; and
- Measured or observed.

Note: When revising or writing end-of-course outcomes during CTE Course Maintenance Workshops, focus on student behavior and use simple, specific action verbs to describe what students are expected to demonstrate upon completion of a course.

Type of Learning	Examples of Action Verbs
Knowledge - to recall or remember facts without necessarily understanding them	identify, articulate, define, indicate, name, order, relate, recall, reproduce, list, tell, select, group, match, describe, identify, show, label, tabulate, quote, locate, outline
Comprehension - to understand and interpret learned information	classify, describe, explain, express, interpret, contrast, associate, differentiate, extend, translate, restate, change, reword, convert
Application - to put ideas and concepts to work in solving problems	apply, compute, give examples, investigate, experiment, solve, choose, predict, translate, employ, operate, schedule, develop, demonstrate, use/utilize, manipulate
Analysis - to break information into its components to see interrelationships	analyze, appraise, calculate, categorize, compare, contrast, criticize, differentiate, distinguish, interpret, simplify, inspect
Synthesis - to use creativity to compose and design something original	arrange, assemble, collect, compose, construct, create, combine, compile, develop, produce, generate, structure, reorganize, design, formulate, manage, organize, plan, prepare, set up
Evaluation - to decide, judge, or select based on established criteria and rationale	appraise, assess, criticize, defend, predict, prioritize, determine, rate, support, evaluate, convince, conclude, compare, summarize

Verbs best avoided: Behavior that is not measurable, not observable, or does not necessarily reflect an outcome. Examples include *discuss* (consider using *explain*, *describe*, or *identify* instead), *learn*, *know*, and *understand* (consider using a verb that reflects what the student can do to *demonstrate* learning, knowledge, or understanding).