

# Alternative Options for Technical Skill Assessments

## Technical Skill Attainment in Ohio

Ohio has selected Technical Skill Attainment measure as an additional performance indicator for program quality as part of the state planning process for Perkins V. The performance indicator measures the number of career-technical education concentrators who, in the reporting year, achieved the cumulative passing rate for the state-recognized technical skill assessment aligned with their programs of concentration.

Additionally, the Technical Skill Attainment measure is aligned to achievement component on Ohio's career-technical planning district report card, as required by [Ohio Revised Code Section 3302.033](#).

As an alternative option to career-technical education end of course assessments, aligned industry-recognized credentials and courses through College Credit Plus can be used to measure Technical Skill Attainment. The Department collaborates with Ohio career-technical education associations to develop procedures for identifying assessments for measuring Technical Skill Attainment ([Ohio Revised Code Section 3313.903](#)).

## Industry-Recognized Credentials and WebXam

Industry-recognized credentials may be used in lieu of a course-level WebXam assessments where alignment has been identified. When a student is reported as having earned an aligned industry-recognized credential (test score of "P"), the industry credential will count as part of the calculation of a student's pathway technical attainment score. The average proficient score of the course-level WebXam assessment that the industry credential is replacing will be the test score used in calculating technical skill attainment passage for the pathway. For a full list of industry-recognized credentials that may be used in lieu of WebXams, please reference the [CTE Program and Assessment Matrix](#).

For an industry-recognized credential to be utilized as a technical skill assessment in lieu of WebXam:

- 1) The credential MUST have an assessment (performance, or test-based).
- 2) For an industry credential to be used for an entire pathway, 100% of courses within the pathway MUST be aligned to the credential.
- 3) For an industry credential to be used for an individual course, 80% of the competencies in the course MUST be aligned to the credential. One credential is aligned to one course.
- 4) One credential could cover multiple courses, if 80% of the competencies in each course are aligned to the credential.

Note: An industry credential(s) must be reported in the Education Management Information System at the time it is earned. When the credential(s) is aligned to a student's course(s), the Education Management Information System will select the highest score(s) when there is both technical assessment and credential records for the calculation of technical skill attainment.

## College Credit Plus and WebXam

Students taking career-technical education courses through College Credit Plus may use their course grade as evidence of technical skill attainment instead of taking the WebXam for the course. An A or B in the College Credit Plus career-technical education course will equate to an Advanced score on the WebXam; a grade of C in the College Credit Plus career-technical education course will equate to a Proficient score on the WebXam. A course grade of D or F will equate to a Not Proficient score on the WebXam. If a student takes the WebXam and a College Credit Plus course grade is reported, the higher outcome will be used to calculate technical skill attainment passage for the pathway.

When replacing WebXams, districts should report College Credit Plus course grades as career-technical education technical assessments using a score of A, P or N, with Score Not Report Reason element of "X - value in score field represents student's proficiency". The test scores reported should align to the student's College Credit Plus course grades.

College Credit Plus Course Grade	WebXam Score Reported
A	A - Advanced
B	A – Advanced
C	P – Proficient
D	N – Not Proficient
F	N – Not Proficient

For example, a student who received a B in a College Credit Plus Hydraulics and Pneumatics course, subject code 010225, would be reported as having scored advanced on the aligned WebXam, subject code ABA5, with a score of "A" and a Score Not Reported Reason of "X".

The Department will use the average score of students scoring advanced or proficient on the WebXam, as reported, as the course-level WebXam score in the calculation of the pathway score.