Career & Technical Education (CTE)

Education in the 21st century focuses on college-and-career readiness. Historically, many schools have focused on the academic side neglecting the career side. This creates a gap in students' abilities to meet the demands of today's labor force. Recognizing this gap, Scantron is developing CTE items and assessments to support students and educators. Scantron puts the career back in college and career ready.

What is the goal of a strong CTE program?

CTE programs must ensure that students are prepared to pass industry certification exams before or at graduation and demonstrate the program's short-term and long-term value to all students. A Scantron assessment solution can help meet those goals with:

- **Course exams that provide constructive and actionable feedback to educators regarding students' strengths and weaknesses on certification topics.**

- **Pre-certification exams that:**
  › **Mimic the rigor and complexity of certification exams in each industry.**
  › **Show a correlational and/or predictive relationship between performance on the pre-certification and certification exams.**

- **Demonstrable return on investment (ROI) for the CTE program funding.**

"Scantron has the experience to develop assessment items in any certification area, regardless of the subject matter."

Nikki Eatchel
Senior Vice President of Assessment, Scantron

How are CTE items and assessments created?

Scantron's assessment development experts follow a robust and defined process to create items and assessments. This process results in high-quality, flexible assessments that measure student preparation regardless of the specific certification test they need to take.

1. Publicly available job analyses and exam blueprints from leading licensure and certification organizations are examined and analyzed.

2. A unified blueprint is drafted to ensure the items and assessments cover a wide range of necessary topics.

3. The blueprint goals are deconstructed to identify specific testable concepts.

4. Extensive research is performed for each item topic and items are crafted carefully at varying depth of knowledge levels and cognitive complexities. With each item, references are provided linking that item to our content outline, applicable laws, and respected industry sources.

5. Both industry experts and educators are recruited to review and edit every item to ensure it conforms to industry best practice, current thinking, and expected behavior, making adjustments as necessary to item content.

What other support does Scantron offer?

Item Bank and Blueprint Analysis

To ensure that your current pre-certification items and/or exams cover the necessary content as the industry certification exam, Scantron can conduct an item bank analysis and create an inventory report tied to the certification exam blueprint, identifying any gaps in content coverage and any item content not tied directly to the certification blueprint. The report contains recommendations and item development forecasting based on the results of the blueprint analysis.

Need Item Development?

Scantron's team of experts will follow the item and assessment creation process described in *How are CTE items and assessment created*, above, to develop items and assessments that fit into your existing assessment and CTE program framework.

Need Psychometric Services?

Psychometric analysis evaluates the performance of individual items, the exam as a whole, and student performance on the exam.

Standard setting identifies one or more exam scores (cut scores) that correspond to varying levels of proficiency on the exam.

Analysis and reporting provides data to show the return on investment and value of your CTE programs and how well they prepare candidates for their exams.

INFORM INSTRUCTION TO IMPACT STUDENT ACHIEVEMENT TODAY!

For a free consultation to meet your academic goals, call **800.722.6876** or visit us at **www.scantron.com** to learn more.

About Us

Scantron® provides a comprehensive set of solutions to improve student outcomes. We offer software and services to meet the needs of your assessment programs regardless of where they are on the technology spectrum—pure paper, pure online, or anywhere in between.

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