



## Highlighting Changes

### Purpose:

- To address the new national standards released and the changes in the content taught in the field

### Standards:

- International Technology and Engineering Educators Association, *Standards for Technological Literacy 2020*

### Overall Design Changes:

- To reflect the changes within the standards and the field, the content categories for the test were reduced. This was done by combining the content in Categories III and IV from 5051 to be one Category on 5053. There was also a reduction in the knowledge and skills of similar content by grouping content being assessed and removing content that is no longer a focus for a beginning educator in this field.
- There was a reduced emphasis on Transportation and Logistics and an increased emphasis on Computation, Automation, Robotics, and Evolving Technologies.
- Due to the reorganization of the Categories, the weightings were redistributed.

### Weightings:

Category %	5053 Technology & Engineering Education	Category %	5051 Technology Education
25	I. Fundamentals of Technology and Engineering	15	I. Technology and Society
21	II. Design and Application of Products and Systems	20	II. Technological Design and Problem-Solving
16	III. Technology Contexts 1: Energy, Materials, and the Built Environment	15	III. Energy, Power, and Transportation
16	IV. Technology Contexts 2: Information, Computation, and Technological Application	15	IV. Information and Communication Technologies
22	V. Pedagogy and Professional Responsibilities	15	V. Manufacturing and Construction Technologies
		20	VI. Pedagogical and Professional Studies

### Time:

- The amount of time to take the test remains at two hours

### The Assessment:

- The total number of questions remains at 120 selected response-type questions

### Organizations Involved in the Redesign Work:

- International Technology and Engineering Educators Association (ITEEA)
- International Society of Technology in Education (ISTE)