INDUSTRIAL AND TECHNOLOGY EDUCATION

General Examination Information
CSET: Industrial and Technology Education consists of two separate subtests, each composed of both multiple-choice and constructed-response questions. Each subtest is scored separately.

The structure of the examination is shown in the table below.

<table>
<thead>
<tr>
<th>Subtest</th>
<th>Domains</th>
<th>Number of Multiple-Choice Questions</th>
<th>Number of Constructed-Response Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Nature of Technology</td>
<td>45</td>
<td>2 short (focused)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 extended</td>
</tr>
<tr>
<td></td>
<td>Subtest Total</td>
<td>45</td>
<td>2 short (focused)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 extended</td>
</tr>
<tr>
<td>II</td>
<td>Power and Energy</td>
<td>25</td>
<td>1 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Information and Communication</td>
<td>25</td>
<td>1 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Project and Product Development</td>
<td>25</td>
<td>1 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Subtest Total</td>
<td>75</td>
<td>3 short (focused)</td>
</tr>
</tbody>
</table>
Annotated List of Resources for CSET: Industrial and Technology Education

This list identifies some resources that may help candidates prepare to take CSET: Industrial and Technology Education. While not a substitute for coursework or other types of teacher preparation, these resources may enhance a candidate's knowledge of the content covered on the examination. The references listed are not intended to represent a comprehensive listing of all potential resources. Candidates are not expected to read all of the materials listed below, and passage of the examination will not require familiarity with these specific resources. A brief summary is provided for each reference cited. Resources are organized alphabetically and by content domain order in subtest order.

Nature of Technology


This book contains a discussion of factors involved in creating and maintaining a safe and healthful workplace.


The authors offer an apt introduction to technology specifically for grades seven through nine.


This text provides an introduction to technology for students.


These standards identify content for attaining technological literacy.


This work defines technology and technological literacy and explains what it means to be a technologically literate member of society.

Power and Energy


This text covers transportation technology and all its contexts.

This is an introduction to energy technology, the benefits of energy, and the problems caused by energy.


This two-volume set covers materials required for Automotive Service Excellence certification.


The author gives thorough coverage of modern automotive technology.


This introduction to electricity and electronics includes applications to communications.

**Information and Communication**


This text covers computer-aided design and manufacturing.


This text is a comprehensive introduction to drawing including a discussion of line, shape, tone, and space.


This book is an introduction to the design process and how it relates to graphic communications and technology.


The authors give a comprehensive introduction to communications technology.


This graphic design workbook offers useful exercises and applications.

The author provides a thorough introduction to graphic design and Web site design.

**Project and Product Development**


This text is written from the engineering perspective and gives coverage to the manufacturing process.


This is an introduction to production and operations management and its role in increasing productivity.


This book covers principles of architectural design and construction systems.


The authors provide a history of architecture from prehistory to the present day.


The author covers construction methods and management.