

# TEXTBOOK SCREENING INSTRUMENT

## Business Techonology -Information Techonology

### Consensus Review

**Book Code:** CENG-6501220-FJAPCSE-6**Category:** 6501220**Area** Business  
Technology**Cluster** Business Technology**Subject:** Computer  
Programming II**Publisher:**  
Cengage Learning**Title:**  
Fundamentals of Java: AP Computer Science Essentials**Author:** Lambert/Osborne**Edition:** 04**Copyright:** 2011**ISBN:** 9780538744928**Grade:** 09-12**Publisher's Bid Information****Bid Level**

Basal

**Delivery Method**

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**Reviewer Analysis****Level**

Basal

**Delivery Method:**

Technology Dependent-TD

**Recommended:**☒ YES☐ NO☐ WITHDRAWN**Committee Members:**

Catherine J. Hoover

Karen C. Stewart

Linda A. Williams

**Signature of Reviewers****Signature of Commission Member**

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#### I. Tennessee Framework

##### Documentation

**STRENGTHS:** This textbook meets 55% (18 out of 33) of the Learning Expectations in the Tennessee State Standards.

**MATTERS OF FACT:** None

**CONCERNS:** This textbook does not meet 45% (15 out of 33) of the Learning Expectations in the Tennessee State Standards.

Most of these can be met through internet research.

1.1 Demonstrate sensitivity to personal, societal, corporate, and governmental responsibility to community and global issues.

1.2 Demonstrate the interpersonal, teamwork, and leadership skills needed to function in diverse business settings, including the global marketplace.

1.3 Communicate effectively as writers, listeners, and speakers in diverse social and business settings.

1.4 Apply the critical thinking and soft skills needed to function in students' multiple roles as citizens, consumers, workers, managers, business owners, and directors of their own futures.

1.6 Investigate the lifelong learning skills that foster flexible career paths and confidence in adapting to a workplace that demands constant retooling.

1.7 Assess personal skills, abilities, aptitudes, and personal strengths and weaknesses as they relate to career exploration and apply knowledge gained from individual assessment to research and develop an individual career plan.

1.8 Examine the goals and principles of Future Business Leaders of America.

1.9 Investigates online and office safety procedures and passes a written safety examination with 100% accuracy.

1.10 Demonstrates parliamentary procedure through office staff/chapter organizational meetings.

1.11 Apply appropriate typography concepts to industry documents.

2.4 Critique the role of computer programming in society.

3.1 Develop a detailed logic plan using a flowchart.

5.1 Define the role of each team members.

5.2 Solve a complex task using high level languages such as Java, C++, and BASIC.

5.3 Compare and contrast the advantages of working as a group.

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#### II. National Standards or Industry Standards

##### Documentation

**STRENGTHS:** National Standards are incorporated within the State Standards.

**MATTERS OF FACT:** None

**CONCERNS:** None

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#### III. Program Design

##### Documentation

**STRENGTHS:** This textbook has 15 chapters, 10 appendices, and an index. It covers all of the A-Level Advanced Placement Java topics. Some of the more advanced Java features are covered in end-of-chapter sections and the appendices. Objectives and vocabulary words are listed at the front of each chapter. Vocabulary words are found in the text in bold, italic print. Tables, figures, and screen shots are used to illustrate concepts. Short essays on special topics are found throughout the book to elaborate on important programming issues. Sample code is found to explain concepts. Numerous “Case Studies” are provided to illustrate concepts presented. They include sections titled Request, Analysis, Design, and Implementation. The Instructor CD contains an Instructor’s Manual, student data and solution files, ExamView Test Generator, answer keys, copies of figures found in textbook, suggested syllabus, and PowerPoint Presentations for each lesson.

**MATTERS OF FACT:** None

**CONCERNS:** None

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# **TEXTBOOK SCREENING INSTRUMENT**

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#### **IV. Assessment**

##### **Documentation**

**STRENGTHS:** Most chapter sections end with exercise questions that reinforce the reading by asking basic questions about the material in the section. At the end of each chapter is a “Summary” and “Vocabulary Review”. There are Review Questions, Projects, and Critical Thinking assignments with each chapter.

**MATTERS OF FACT:** ExamView Test Generator is included on the Instructor’s Resource CD. Evidence of the CTE Competency Attainment Rubrics was found throughout the text.

**CONCERNS:** None

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#### **V. Other Comments**

##### **Documentation**

**STRENGTHS:** None

**MATTERS OF FACT:** None

**CONCERNS:** None

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#### **VI. List of Components Reviewed**

##### **Documentation**

The textbook and Instructor’s Resource CD were received and reviewed.

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# **TEXTBOOK SCREENING INSTRUMENT**

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### **Consensus Review**

#### **VII. State Textbook Commission Members Comments**

##### **Documentation**

##### **STRENGTHS:**

##### **MATTERS OF FACT:**

##### **CONCERNS:**

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