TEXTBOOK SCREENING INSTRUMENT
Business Techonology -Information Techonology
Consensus Review

Book Code: CENG-6501200-BC++TGP-6 **Category:** 6501200

Area Business Technology **Cluster** Business Technology **Subject:** Game Programming

Publisher:
Cengage Learning

Title:
Beginning C++ Through Game Programming

Author: Dawson

Edition: 03 **Copyright:** 2011 **ISBN:** 9781435457423

Grade: 09-12

Publisher's Bid Information	Reviewer Analysis	Recommended:
Bid Level	**Level**	◉ YES
Basal	CoBasal	○ NO
Delivery Method	**Delivery Method:**	○ WITHDRAWN
T	Technology Dependent-TD	

Committee Members:	Signature of Reviewers
Catherine J. Hoover	_____
Karen C. Stewart	_____
Linda A. Williams	_____
	_____
	_____

Signature of Commission Member _____

TEXTBOOK SCREENING INSTRUMENT
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I. Tennessee Framework

Documentation

STRENGTHS: This book meets 30% (9 out of 30) of the Learning Expectations of the Tennessee State Standards.

MATTERS OF FACT: None

CONCERNS: This textbook does not meet 70% (21 out of 30) of the Learning Expectations of the Tennessee State Standards.
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.
1.5 Analyze and follow policies for managing legal and ethical issues in organizations and in a technology-based society.
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.
2.2 Analyze and critique how society has viewed games/animation in the past and present.
3.2 Apply the concepts of hardware and software development methodologies to game development.
4.2 Investigate the rules and dynamics of play in games across a variety of genres.
4.4 Analyze and critique design goals in accordance with the target audience and desired response.
5.1 Synthesize the talents of a multidisciplinary team to complete the development of an electronic game. Design and create an interactive program that implements graphics and sound.
5.3 Apply the concepts of probability and statistics to various aspects of game systems and environments.

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CENG-6501200-BC++TGP-6-468-6501-2007-YES-CoBasal9781435457423--------8/8/2011 @ 2:05:11 PM

II. National Standards or Industry Standards

Documentation

STRENGTHS: National Standards are incorporated within the State Standards.

MATTERS OF FACT: None

CONCERNS: None

CENG-6501200-BC++TGP-6-469-6501-2008-YES-CoBasal9781435457423--------8/8/2011 @ 2:05:11 PM

III. Program Design

Documentation

STRENGTHS: There are program code examples and illustrations. The information is organized in an easy-to-read format.

MATTERS OF FACT: “Traps” are explained to help students avoid errors. “Hints” are given to reinforce learning.
Evidence of the CTE Competency Attainment Rubrics was found throughout the text.

CONCERNS: None

CENG-6501200-BC++TGP-6-470-6501-2009-YES-CoBasal9781435457423--------8/8/2011 @ 2:05:11 PM

TEXTBOOK SCREENING INSTRUMENT
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IV. Assessment

Documentation

STRENGTHS: End-of-chapter questions could be used for testing purposes if desired.

MATTERS OF FACT: End-of-chapter questions with answers are given for each chapter. Discussion questions encourage higher-order thinking. Exercises provide students opportunities to demonstrate proficiency, including the ability to apply knowledge and skills independently. According to the publisher's representatives, teacher/instructor resources (test questions, end of chapter material and PowerPoint slides) are now available. They indicated the information to assess the material will be forwarded/made available to Morgan Branch.

CONCERNS: No teacher resources. There are only three exercises per chapter. No tests are provided.

CENG-6501200-BC++TGP-6-471-6501-2010-YES-CoBasal9781435457423--------1/21/2012 @ 8:30:09 PM

V. Other Comments

Documentation

STRENGTHS: None

MATTERS OF FACT: None

CONCERNS: None

CENG-6501200-BC++TGP-6-472-6501-2011-YES-CoBasal9781435457423--------8/8/2011 @ 2:05:11 PM

VI. List of Components Reviewed

Documentation

The textbook was received and reviewed.

CENG-6501200-BC++TGP-6-473-6501-2012-YES-CoBasal9781435457423--------8/8/2011 @ 2:05:11 PM

TEXTBOOK SCREENING INSTRUMENT
Business Techonology -Information Techonology
Consensus Review

VII. State Textbook Commission Members Comments

Documentation

STRENGTHS:

MATTERS OF FACT:

CONCERNS:

CENG-6501200-BC++TGP-6-474-6501-2013-YES-CoBasal9781435457423--------8/8/2011 @ 2:05:11 PM

TEXTBOOK SCREENING INSTRUMENT
Business Techonology -Information Techonology
Consensus Review

Book Code: CENG-6501200-BJGP-6 **Category:** 6501200

Area Business Technology **Cluster** Business Technology **Subject:** Game Programming

Publisher:
Cengage Learning

Title:
Beginning Java Game Programming

Author: Harbour

Edition: 03 **Copyright:** 2012 **ISBN:** 9781435458086

Grade: 09-12

Publisher's Bid Information	Reviewer Analysis	Recommended:
Bid Level	**Level**	◉ YES
Basal	CoBasal	○ NO
Delivery Method	**Delivery Method:**	○ WITHDRAWN
T	Technology Dependent-TD	

Committee Members:	Signature of Reviewers
Catherine J. Hoover	_____
Karen C. Stewart	_____
Linda A. Williams	_____
	_____
	_____

Signature of Commission Member _____

TEXTBOOK SCREENING INSTRUMENT
Business Techonology -Information Techonology
Consensus Review

I. Tennessee Framework

Documentation

STRENGTHS: This textbook does meet 63% (19 out of 30) of the Learning Expectations in the Tennessee State Standards.

MATTERS OF FACT: None

CONCERNS: This textbook does not meet 37% (11 out of 30) of the Learning Expectations in the Tennessee State Standards.
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.
1.5 Analyze and follow policies for managing legal and ethical issues in organizations and in a technology-based society.
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.
3.1 Differentiate between the varied production roles fulfilled by team members on a game development project.
4.5 Design interfaces that communicate appropriate game information using the principles of human/computer interaction.
5.3 Apply the concepts of probability and statistics to various aspects of game systems and environments.

CENG-6501200-BJGP-6-461-6501-2000-YES-CoBasal9781435458086--------8/8/2011 @ 2:05:11 PM

TEXTBOOK SCREENING INSTRUMENT
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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

CENG-6501200-BJGP-6-462-6501-2001-YES-CoBasal9781435458086--------1/21/2012 @ 8:30:09 PM

III. Program Design

Documentation

STRENGTHS: There are program code examples and illustrations. The information is organized in an easy-to-read format.

MATTERS OF FACT: "Notes" give additional information related to the lessons. "Tips" give pointers in the current tutorial. "Cautions" provide students with guidance and what to do or not do in a given situation. "Definitions" explain the meaning behind the technical concept or word.
Publisher's Response: Based on the discussions of the topics, the lesson objectives can be created by the teacher.

CONCERNS: Although topics covered are given at the beginning of each chapter, no lesson objectives are listed.

CENG-6501200-BJGP-6-463-6501-2002-YES-CoBasal9781435458086--------1/21/2012 @ 8:30:09 PM

TEXTBOOK SCREENING INSTRUMENT
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IV. Assessment

Documentation

STRENGTHS: The 10 review questions at the end of each chapter could be used for testing if desired.

MATTERS OF FACT: At the end of each chapter is a summary of "What You Have Learned", 10 review questions (answers in Appendix A); and two (2) exercises for students to perform to show competency.
Evidence of CTE Competency Attainment Rubrics was found throughout the text.
According to the publisher's representatives, teacher/instructor resources (test questions, end of chapter material and PowerPoint slides) are now available. They indicated the information to assess the material will be forwarded/made available to Morgan Branch.

CONCERNS: Not enough exercises and no auxiliary materials for students or instructors other than the CD are packaged with the book. There are no test questions provided at all.

CENG-6501200-BJGP-6-464-6501-2003-YES-CoBasal9781435458086--------1/21/2012 @ 8:30:09 PM

V. Other Comments

Documentation

STRENGTHS: None

MATTERS OF FACT: None

CONCERNS: None

CENG-6501200-BJGP-6-465-6501-2004-YES-CoBasal9781435458086--------8/8/2011 @ 2:05:11 PM

VI. List of Components Reviewed

Documentation

The textbook was received and reviewed.

CENG-6501200-BJGP-6-466-6501-2005-YES-CoBasal9781435458086--------8/8/2011 @ 2:05:11 PM

TEXTBOOK SCREENING INSTRUMENT
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VII. State Textbook Commission Members Comments

Documentation

STRENGTHS:

MATTERS OF FACT:

CONCERNS:

CENG-6501200-BJGP-6-467-6501-2006-YES-CoBasal9781435458086--------8/8/2011 @ 2:05:11 PM

TEXTBOOK SCREENING INSTRUMENT
Business Techonology -Information Techonology
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Book Code: GW-6501200-VGDF-6 **Category:** 6501200

Area Business Technology **Cluster** Business Technology **Subject:** Game Programming

Publisher:
Goodheart-Willcox

Title:
Video Game Design Foundations

Author: Ploor

Edition: 1st **Copyright:** 2011 **ISBN:** 978-1-60525-302-2

Grade: 09-12

Publisher's Bid Information	Reviewer Analysis	Recommended:
Bid Level	**Level**	◉ YES
Basal	Basal	○ NO
Delivery Method	**Delivery Method:**	○ WITHDRAWN
T	Technology Dependent-TD	

Committee Members:	Signature of Reviewers
Catherine J. Hoover	_____
Karen C. Stewart	_____
Linda A. Williams	_____
	_____
	_____

Signature of Commission Member _____

TEXTBOOK SCREENING INSTRUMENT
Business Techonology -Information Techonology
Consensus Review

I. Tennessee Framework

Documentation

STRENGTHS: This book meets 83.% (25 out of 30) of the Learning Expectations in the Tennessee State Standards.

MATTERS OF FACT: None

CONCERNS: This book does not meet 17% (5 out of 30) of the Learning Expectations in the Tennessee State Standards.
1.5 Analyze and follow policies for managing legal and ethical issues in organizations and in a technology-based society.
1.6 Investigate the lifelong learning skills that foster flexible career paths and confidence in adapting to a workplace that demands constant retooling.
1.8 Examine the goals and principles of Future Business Leaders of America.
1.10 Demonstrates parliamentary procedure through office staff/chapter organizational meetings.
1.11 Apply appropriate typography concepts to industry documents.

GW-6501200-VGDF-6-496-6501-2037-YES-Basal978-1-60525-302-2--------1/21/2012 @ 8:30:09 PM

II. National Standards or Industry Standards

Documentation

STRENGTHS: National Standards are incorporated within the State Standards.

MATTERS OF FACT: None

CONCERNS: None

GW-6501200-VGDF-6-497-6501-2038-YES-Basal978-1-60525-302-2--------8/8/2011 @ 2:05:11 PM

TEXTBOOK SCREENING INSTRUMENT
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III. Program Design

Documentation

STRENGTHS: The book is easy to read and understand. Many colorful pictures help to get and hold one's attention. The Instructor Resource CD contains chapter resources, standard correlations, game build resources, a glossary, and related Web links. A CD is provided that contains PowerPoint presentations for each of the chapters.

MATTERS OF FACT: The book uses colorful fonts to accentuate vocabulary words. Each chapter begins with a list of objectives, including higher-order thinking objectives. Review questions are provided for each chapter to help guide the reader.

CONCERNS: None

GW-6501200-VGDF-6-498-6501-2039-YES-Basal978-1-60525-302-2--------8/8/2011 @ 2:05:11 PM

IV. Assessment

Documentation

STRENGTHS: Review questions at end of each chapter can be used for assessment. Cross-curricular STEM activities are provided for each chapter.

MATTERS OF FACT: ExamView with 680 test questions is provided.
Evidence of the CTE Competency Attainment Rubrics was found throughout the text.
Publisher response to concerns relevant to gaming assignments is that there is a book available that is not on contract as a supplement to the text. Itis a consumable workbook that has lots of activities, "Software Design Guide". The workbook would be used as an anxillary item; the state does not review supplemental textbooks.

CONCERNS: There are <u>no</u> actual gaming assignments.

GW-6501200-VGDF-6-499-6501-2040-YES-Basal978-1-60525-302-2--------1/21/2012 @ 8:30:09 PM

TEXTBOOK SCREENING INSTRUMENT
Business Techonology -Information Techonology
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V. Other Comments

Documentation

STRENGTHS: None

MATTERS OF FACT: None

CONCERNS: None

GW-6501200-VGDF-6-500-6501-2041-YES-Basal978-1-60525-302-2--------8/8/2011 @ 2:05:11 PM

VI. List of Components Reviewed

Documentation

The textbook and three accompanying CDs were received and reviewed.

GW-6501200-VGDF-6-501-6501-2042-YES-Basal978-1-60525-302-2--------8/8/2011 @ 2:05:11 PM

VII. State Textbook Commission Members Comments

Documentation

STRENGTHS:

MATTERS OF FACT:

CONCERNS:

GW-6501200-VGDF-6-502-6501-2043-YES-Basal978-1-60525-302-2--------8/8/2011 @ 2:05:11 PM