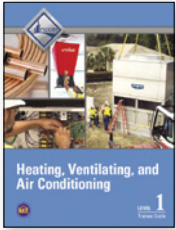# CAREER AND TECHNICAL EDUCATION NEW AND NOTEWORTHY PROGRAMS

ARCHITECTURE & CONSTRUCTION

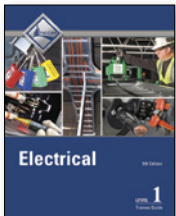### NCCER HVAC Level 1 Trainee Guide

Fifth Edition, Student Edition (Print)
with NCCERConnect
@2019

NCCER's newest edition of HVAC Level One, designed by highly qualified subject matter experts, includes curriculum updates that will engage students and provide the best training possible. The module "Basic Electricity" now covers OSHA regulations for lockout and tagging of equipment. It also offers additional training on three-phase power. The "*Introduction to Heating*" module offers new coverage of dual-fuel systems and geothermal heat pumps. In "*Introduction to Cooling*," there is additional training on vane compressors as well as a look at the industry's refrigerant landscape. The "*Air Distribution Systems*" module offers information about both natural air movement and forced air, including new diagrams showing the relationship between static, velocity, and total pressures.

NCCER Electrical Curriculum

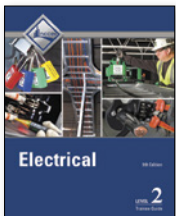**Student Edition (Print) with NCCERConnect**
NCCER recently revised and released the Ninth Edition of its Electrical curriculum, one of the most popular craft choices. All four levels have been updated to meet industry regulations and safety standards.

Electrical Trainee Guide, Level 1 ©2017
Hard Cover and Soft Cover

Key content includes: Orientation to the Electrical Trade, Electrical Safety, Introduction to Electrical Circuits, Electrical Theory, Introduction to the National Electrical Code, Device Boxes, Hand Bending, Raceways and Fittings, Conductors and Cables, Basic Electrical Construction Drawings, Residential Electrical Services, and Electrical Test Equipment.
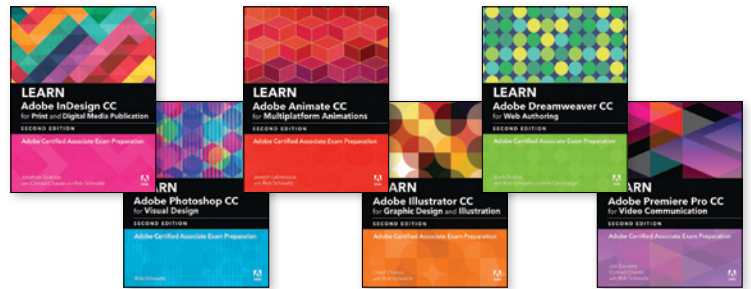
Electrical Trainee Guide, Level 2 ©2018

Key content includes: Alternating Current, Motors: Theory and Application, Electric Lighting, Conduit Bending, Pull and Junction Boxes, Conductor Installations, Cable Tray, Conductor Terminations and Splices, Grounding and Bonding, Circuit Breakers and Fuses, Control Systems and Fundamental Concepts.

Learn more about these programs at
PearsonSchool.com/CTEsamples

ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS

NEW! **2018/2019 COPYRIGHTS** **Adobe® Press LEARN Series**

Adobe Certified Associate (ACA) Exam Preparation. These study guides lay the foundation for taking the Adobe Certified Associate (ACA) certification exam.

LEARN Adobe InDesign® CC

Used by graphic designers worldwide, Adobe InDesign® CC is a layout powerhouse. This study guide uses more than 11 hours of video integrated with text to help students gain real-world skills to get started in designing publications for print and screen using InDesign CC.

LEARN Adobe Animate® CC

This study guide uses more than 6 hours of video integrated with text to help students gain real-world skills to get started in designing and building interactive media using Adobe Animate® CC.

LEARN Adobe Dreamweaver® CC

This study guide uses text integrated with video to help students gain real-world skills to get started in planning websites and designing web pages. A mix of project-based lessons, practical videos, and regular assessments throughout engages learners.

LEARN Adobe Photoshop® CC

This study guide uses text integrated with video to help students gain real-world skills to get started in photography, graphics, or design. A mix of project-based lessons, practical videos, and regular assessments throughout engages beginning learners.

LEARN Adobe Illustrator® CC

This study guide uses text integrated with video to help students gain real-world skills to get started in graphics, design, or illustration. A mix of project-based lessons, practical videos, and regular assessments throughout engages learners.

LEARN Video Communication Using Adobe Premiere Pro® CC

This study guide uses text integrated with video to help students gain real-world skills to get started in planning, shooting, and doing post-production on video projects. A mix of project-based lessons, practical videos, and regular assessments throughout engages students.

Personal Financial Literacy

**Third Edition
Student Edition (Print),
MyLab Financial Literacy, eText
@2019, Madura, Casey, Roberts**

Personal Financial Literacy provides students with the basic personal finance tools and knowledge that will enable them to take control of their financial future.

The completely revised Third Edition of *Personal Financial Literacy* includes:

- All the best features from the Second Edition
- Two new features that connect classroom to real life – Career Moments and Life Application
- Revised and updated content – now includes 23 chapters
- Expanded Chapter 5 – now includes college readiness in addition to career readiness
- New! Teacher's Wraparound Edition

The text is organized into five units that group topics together:
Unit 1: Financial Responsibility and Decision-making
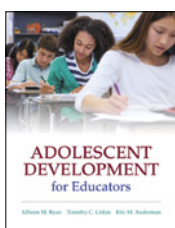Unit 2: Economy, Government, and Financial Planning
Unit 3: Spending and Credit
Unit 4: Saving and Investing
Unit 5: Retirement and Estate Planning

Enhance student learning with MyLab™ for *Personal Financial Literacy,* Third Edition. Part of the world's leading collection of online homework, tutorial, and assessment products.
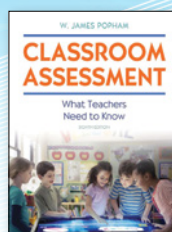
Adolescent Development for Educators

**First Edition, Student Edition (Print) with MyLab Education
@2017, Ryan, Urdan, Anderman**

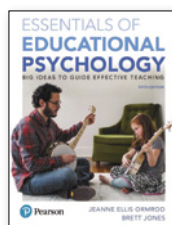Existing textbooks on adolescent development are predominantly written for undergraduate psychology majors and have little to say about what the theories and research mean for teachers in schools working with adolescent students. The key feature that guided the development of this book and that sets it apart from other adolescent development textbooks is the focus on application of concepts to educational settings and the practical implications for teachers.

Classroom Assessment: What Teachers Need to Know

**Eighth Edition, Student Edition (Print),
MyLab Education
@2017, Popham**

Exceptionally accessible, this widely-used text focuses on helping students become assessment literate and learn how to create and use classroom assessment to promote student learning. *Classroom Assessment* shows pre-service and in-service teachers how to use classroom testing accurately and formatively to dramatically increase their teaching effectiveness and make a difference in how well students learn. There are clear and concise guidelines on how to develop quality classroom assessments. The author also pays particular attention to the implications of testing on teaching. The new Eighth Edition highlights the increasing importance of educational assessment in an era of common core state standards and teacher evaluations based on students' tests scores and incorporates the new Standards for Educational and Psychological testing guidelines throughout relevant sections.

Essentials of Educational Psychology: Big Ideas to Guide Effective Teaching
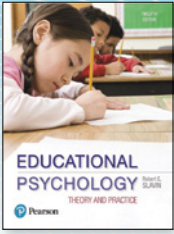
**Fifth Edition, Student Edition (Print),
MyLab Education
@2018, Ormrod, Jones**

Focused on the big ideas of education psychology, this text gives students a practical understanding of the core concepts in educational psychology and of the research-based strategies needed to facilitate student learning and development.

While generally shorter than competing educational psychology textbooks, *Essentials of Educational Psychology* still provides a comprehensive overview of theories, research, and educational implications related to learning and cognition, motivation, child and adolescent development, instructional methods, classroom management, and assessment. Each chapter is organized around three to six Big Ideas, and each Big Idea is then divided into several more specific bold-faced principles or recommendations. Widely acclaimed for its conversational writing style, the book provides students with a clear and easily understood picture of the psychological principles that impact teaching and learning.

Also available with MyLab Education

MyLab™ Education is an online homework, tutorial, and assessment program designed to work with the text to engage students and improve results. Within its structured environment, students see key concepts demonstrated through real classroom video footage, practice what they learn, test their understanding, and receive feedback to guide their learning and ensure they master key learning outcomes.

Learn more about these programs at
PearsonSchool.com/CTEsamples

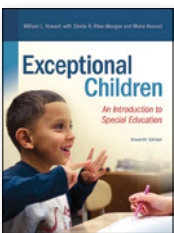## Educational Psychology: Theory and Practice

**Twelfth Edition, Student Edition (Print),
MyLab Education
@2018, Slavin**

Educational Psychology: Theory and Practice offers complete, up-to-date information that is presented in readable, practical ways and illustrated with engaging examples and case studies. Embedded videos and interactive activities in the Enhanced Pearson eText in MyLab™ Education further illustrate key concepts and facilitate application. The text makes the connection between theory and practice explicit, helping students transfer what they learn to their own teaching. The Twelfth Edition reflects ongoing changes in our learning sciences that continue to transform educational psychology and teaching, incorporating new research and practical applications of many contemporary topics.

Also available with MyLab Education

MyLab™ Education is an online homework, tutorial, and assessment program designed to work with the text to engage students and improve results. Within its structured environment, students see key concepts demonstrated through real classroom video footage, practice what they learn, test their understanding, and receive feedback to guide their learning and ensure they master key learning outcomes.

Exceptional Children: An Introduction to Special Education

**Eleventh Edition, Student Edition (Print),
Digital eText
@2017, Heward, Alber-Morgan, Konrad**

Special education is an ongoing story of people—of exceptional children, of the families of children with special needs, and of the teachers who work with them. *Exceptional Children: An Introduction to Special Education* focuses on 15 experienced teachers to give readers first-person insight into this diverse field. It also details, step-by-step, how special educators use highly effective, research-based practices to promote student achievement in their classrooms. The Eleventh Edition includes new information that reflects the current professional practices, trends, and research that define the exciting and ever-evolving field of special education.

The Inclusive Classroom: Strategies for Effective Differentiated Instruction

**Sixth Edition, Student Edition (Print)
with MyLab Education, Digital eText
@2018, Mastropieri, Scruggs**

The Inclusive Classroom: Strategies for Effective Differentiated Instruction, Sixth Edition captures the best of inclusion practices. Using a non-categorical approach, Mastropieri and Scruggs explain the fundamentals of inclusive teaching, the most effective general teaching practices, and ways to differentiate instruction for specific content areas. Targeted teaching strategies show ways to improve all students' memory, attention, motivation, study skills, and peer interaction. Research Highlights features validate strategies and demonstrate why particular techniques are best practice.

Filled with classroom-ready tips and checklists, this revision includes an expanded chapter on Response to Intervention (RTI) and Multi-Tiered Systems of Support (MTSS), more coverage of the Common Core State Standards (CCSS) and Universal Design for Learning (UDL), and the latest strategies relating to academic success.

Also available with MyLab Education

MyLab™ Education is an online homework, tutorial, and assessment program designed to work with the text to engage students and improve results. Within its structured environment, students see key concepts demonstrated through real classroom video footage, practice what they learn, test their understanding, and receive feedback to guide their learning and ensure they master key learning outcomes.
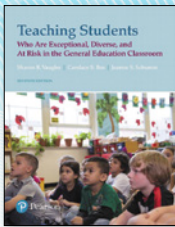
All Children Read: Teaching for Literacy in Today's Diverse Classrooms

**Fifth Edition, Student Edition (Print), Digital eText
@2018, Temple, Ogle, Crawford, Freppon**

Written by one of the most dynamic author teams in the field of reading and literacy, *All Children Read*, Fifth Edition, continues to offer K-8 teachers the best practices for developing reading and writing in all students. As with earlier editions, six critical themes are interwoven throughout: the struggling reader; family/community literacy; new literacies; writing and reading connections; developmental, cultural, and linguistic diversity; and phonics/phonological awareness. The Fifth Edition further integrates Common Core State Standards and Response to Intervention (RTI), includes separate chapters on teaching reading fluency and vocabulary, emphasizes the teaching of English Learners, and equips teachers-in-training with the foundational knowledge they will need for their professional qualifying examinations. This focus on contemporary and critical learning prepares future teachers for the demands of helping all students succeed in the classroom.

Learn more about these programs at
PearsonSchool.com/CTEsamples

Teaching Students Who are Exceptional, Diverse, and At Risk in the General Education Classroom
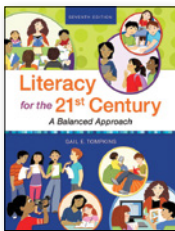
Seventh Edition, Student Edition (Print) with MyLab Education, Digital eText
@2018, Vaughn, Bos, Schumm

Teaching Students Who Are Exceptional, Diverse, and at Risk in the General Education Classroom is the ideal guide for classroom teachers who identify students with special needs as both their greatest challenges and often their greatest rewards. With its numerous learning activities and sample lessons–plus stories from teachers, students, and parents–it strongly focuses on applying practical, proven strategies for effective teaching and learning. The authors go above and beyond simply describing curriculum adaptations by providing step-by-step procedures for implementing those adaptations in the actual classroom. After reading this book, pre- and in-service teachers alike are armed with the tools and confidence they need to effectively meet their students' diverse academic, behavioral, and social needs.

Also available with MyLabEducation

MyLab™ Education is an online homework, tutorial, and assessment program designed to work with the text to engage students and improve results. Within its structured environment, students see key concepts demonstrated through video clips, practice what they learn, test their understanding, and receive feedback to guide their learning.
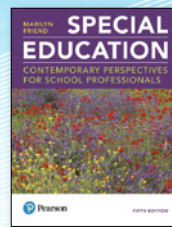
Literacy for the 21st Century: A Balanced Approach

Seventh Edition, Student Edition (Print), Digital eText
@2018, Tompkins

Integrating the best of what we currently know about teaching reading and writing, as well as ideas that will lead us into the future, *Literacy for the 21st Century: A Balanced Approach*, provides the balance of pedagogy and application that teachers need to be successful in the classroom. It covers the fundamental components of literacy, illustrates how to teach skills and strategies, identifies how to differentiate instruction to meet the diverse needs of students today, and supports digital teaching and learning. An emphasis is placed on preparing readers to become teachers who will ensure their students meet grade-level standards. To help readers create a classroom environment that allows all students to flourish, the Seventh Edition provides the theoretical background and most contemporary and practical approaches for literacy instruction.

Special Education: Contemporary Perspectives for School Professionals

Fifth Edition, Student Edition (Print), MyLab Education
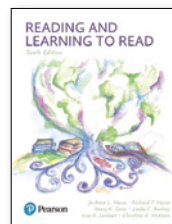**@2018, Friend**

Special Education: Contemporary Perspectives for School Professionals, Fifth Edition, provides a multi-dimensional view of the field of special education. The most current information and research available provides structure and predictability for novices to the field of special education in today's educational world. Because special education is made up of real children and real professionals, the author helps to put a "face" on the field to enliven and authenticate the information.

Each chapter features stories of individuals with disabilities from the parents of children with disabilities and from professionals who work in the field. Readers of this truly exceptional text will come away with the best understanding of the expectations for educators and students, and learn how critical concepts translate into educational practices.

Also available with MyLab Education

MyLab™ Education is an online homework, tutorial, and assessment program designed to work with the text to engage students and improve results. Within its structured environment, students see key concepts demonstrated through video clips, practice what they learn, test their understanding, and receive feedback to guide their learning and ensure they master key learning outcomes.
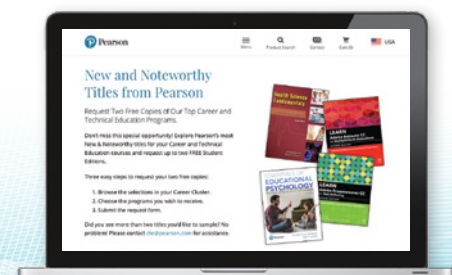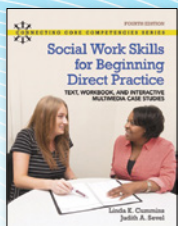
Reading & Learning to Read

Tenth Edition, Student Edition (Print), Digital eText
@2018, J. Vacca, R. Vacca, Gove, Burkey, Lenhart, McKeon

With a focus on helping to master teaching skills that will enable all children succeed, *Reading and Learning to Read* includes philosophies, teaching strategies, and assessment practices reflecting and underscoring the concepts of evidence-based reading research and data-driven decision-making. The new 10th Edition is completely up to date; integrates the 2017 ILA Standards and Common Core State Standards (CCSS) initiative throughout the text; features the English Language Arts (ELA) standards respectively as they relate to the content in each chapter; and continues the focus on the applications of technology to literacy instruction, including new coverage of how transliteracies are transforming the way children comprehend and express their understanding of the world.

Social Work Skills for Beginning Direct Practice: Text, Workbook, and Interactive Multimedia Case Studies
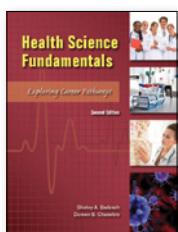
Fourth Edition, Student Edition (Print), Digital eText @2018, Cummins, Sevel

Social Work Skills for Beginning Direct Practice: Text, Workbook and Interactive Multimedia Case Studies, Fourth Edition, provides social work students with the social work practice knowledge and skills required for engaging in a successful helping process with clients. The integrated text, workbook, and interactive multimedia cases allow students to explore how to use social work skills in each stage of the helping process—from engagement and intake through termination.

Students learn about attending behaviors, basic interviewing skills such as lead-in responses, paraphrasing, and reflection of feelings, and more advanced skills such as confrontation and summarization. Students then learn how to apply these essential interviewing skills in order to work effectively with diverse client groups. Social work theory, policy, therapeutic approaches, and evaluation techniques are integrated throughout the book to provide the essential elements of direct social work practice. The new edition includes expanded content on cultural competency, cultural awareness, evaluation, and client termination and keeps students up-to-date with the information they need to provide thorough, effective, direct social work practice with diverse client groups.
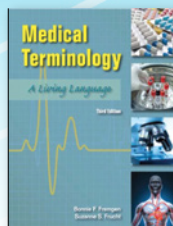
Health Science Fundamentals: Exploring Career Pathways

Student Edition (Print), Digital eText
©2016, Badasch, Cheseboro

Health Science Fundamentals, the most comprehensive, up-to-date high school health science program, promotes better student understanding of careers, medical terminology, anatomy and physiology, and diseases and disorders. This new edition has been updated with new design and photos. The Careers chapter is realigned to meet the Common Career Technical Core pathways, and Career-Ready Practices throughout prompt students to use critical thinking and to develop critical professional skills. Math, Science, and Language Arts links have been updated to meet the most current curriculum standards.
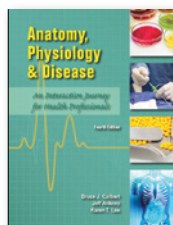
Medical Terminology: A Living Language

Third Edition
Student Edition (Print), Digital eText
©2017, Fremgen, Frucht

Medical Terminology: A Living Language provides health science students with a consistent, logical approach to building a strong medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Using a step-by-step approach, this book introduces students to the anatomy and physiology of the body systems and the corresponding medical terms related to them. For each body system, broad coverage of anatomy, physiology, pathology, diagnostic procedures, treatment procedures, and pharmacology is provided.
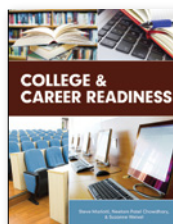
Anatomy, Physiology, & Disease: An Interactive Journey for Health Professionals

Fourth Edition, Student Edition (Print), Digital eText
©2017, Colbert, Ankney, Lee

Anatomy, Physiology, & Disease presents anatomy and physiology in the context of a journey to keep students engaged and interested. New features include an exciting new chapter on biochemistry that helps students understand the relationship between chemistry and living organisms. Updated, full-color illustrations and additional micrographs and photos provide real-world examples for learners. Incorporating the latest research and clinical information, updated features include Amazing Body Facts, Clinical Application, and Pharmacology Corners. Hands-on activities at the end of each chapter reinforce what students are learning while supporting curriculum standards.
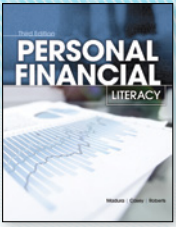
College & Career Readiness

Student Edition (Print) with Digital eText
©2019, Mariotti, Patel, Chowdhary, Weixel

College & Career Readiness invites students to explore a broad range of educational and career opportunities, learn to identify their career interests, aptitudes, and learning styles, develop job-related skills, and develop a career portfolio.

Relevant real-world tips, scenarios, and activities engage students and contribute to their career portfolio. Students learn more about themselves, their interests/abilities, and valid educational/career choices as they work through the valuable text resources and tools.

Learn more about these programs at
PearsonSchool.com/CTEsamples

Personal Financial Literacy

Third Edition, Student Edition (Print) with MyLab Financial Literacy with eText
@2019, Madura, Casey, Roberts

Personal Financial Literacy provides students with the basic personal finance tools and knowledge that will enable them to take control of their financial future. The completely revised Third Edition of *Personal Financial Literacy* includes:

- All the best features from the Second Edition
- Two new features that connect classroom to real life – Career Moments and Life Application
- Revised and updated content – now includes 23 chapters
- Expanded Chapter 5 – now includes college readiness in addition to career readiness
- New! Teacher's Wraparound Edition

The text is organized into five units that group topics together:
Unit1: Financial Responsibility and Decision-making
Unit 2: Economy, Government, and Financial Planning
Unit 3: Spending and Credit
Unit 4: Saving and Investing
Unit 5: Retirement and Estate Planning

Enhance student learning with MyLab™ for *Personal Financial Literacy*, Third Edition. Part of the world's leading collection of online homework, tutorial, and assessment products."

Introduction to Java Programming, AP® Edition

Tenth Edition, Student Edition (Print),
MyLab Programming
@2017, Liang

Introduction to Java Programming, AP® Edition covers all Java programming material and concepts required as part of the AP Computer Science A curriculum. Daniel Liang teaches concepts of problem-solving and object-oriented programming using a fundamentals-first approach and effectively communicates critical problem-solving techniques to beginning programmers.

The text focuses on problem solving through Java programming and emphasizes both imperative and object-oriented problem solving and design. It is divided into two parts: in the first, students learn the fundamental concepts and techniques of selection statements, loops, methods, and arrays, before building on this foundation in the second part, as the text introduces concepts of object-oriented programming. *Introduction to Java Programming, AP® Edition* teaches programming in a problem-driven way that focuses on problem solving rather than syntax. The book makes introductory programming interesting by using thought-provoking problems in a broad context.

CompTia Security+ SYO–501 Cert Guide

Second Edition, Student Edition (Print), Digital eText
@2018, Prowse

Helps students learn, prepare, and practice for CompTIA Security+ SY0–501 exam success with this full-color CompTIA Auth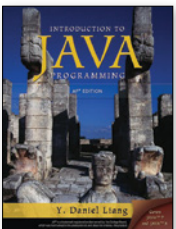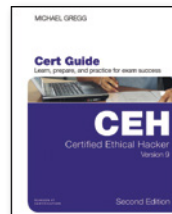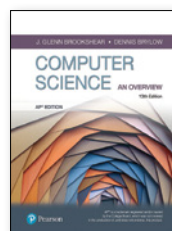orized Cert Guide, Academic Edition from Pearson IT Certification, a leader in IT Certification learning. This book includes access to four complete practice tests, chapter summaries, and case studies including simulations and hands-on video exercises to reinforce the learning.

This is the most comprehensive core study tool for CompTIA's latest Security+ exam. Perfect for every candidate preparing for this challenging exam, its comprehensive coverage offers all the information and insight students need to succeed. From start to finish, the book has been organized and edited to improve retention of exam topics. Its features include:

- End-of-chapter case studies and hands-on video exercises help students practice what they've learned
- Three full practice tests based on the real Security+ exam – with new video explanations of all answers
- Quizzes, memory tables, study strategies, tips, notes, cautions, key terms, troubleshooting scenarios

Security training expert David L. Prowse covers every Security+ exam objective, including: communication security, infrastructure security, operational security, general security concepts, and more.

Certified Ethical Hacker (CEH) Version 9 Certification Guide

Second Edition, Student Edition (Print), Digital eText
@2017, Michael Gregg

The Second Edition CEH Cert Guide is a best-of-breed exam study guide. Leading security consultant and certification expert Michael Gregg shares preparation hints and test-taking tips, helping students identify areas of weakness and improve both conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing understanding and retention of exam topics. Chapter-ending Exam Preparation Tasks help students drill on key concepts they must know thoroughly. Review questions help assess knowledge, and a final preparation chapter guides students through tools and resources to help them craft their final study plan.

Computer Science: An Overview

Thirteenth Edition, AP Version
Student Edition, Digital eText
©2019, Brookshear, Brylow

Computer Science: An Overview, Thirteenth Edition uses broad coverage and clear exposition to present a complete picture of the dynamic computer science field. Accessible to students from all backgrounds, the authors encourage the development of a practical, realistic understanding of the field, and teaches the fundamentals of computing to broaden their understanding of how computing and technology influence the world around them.
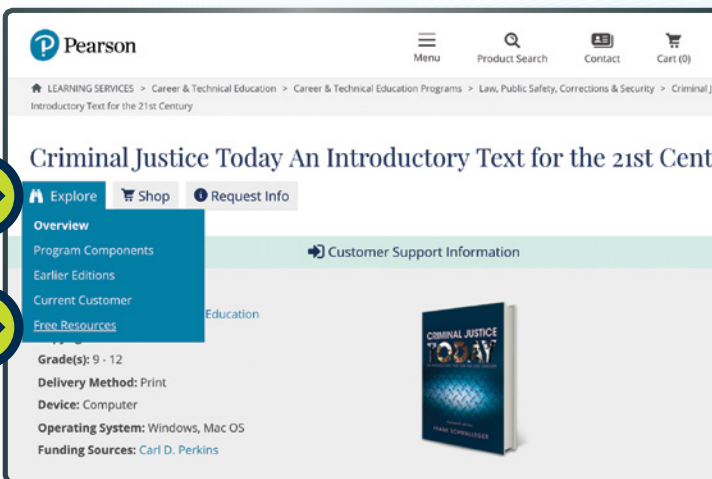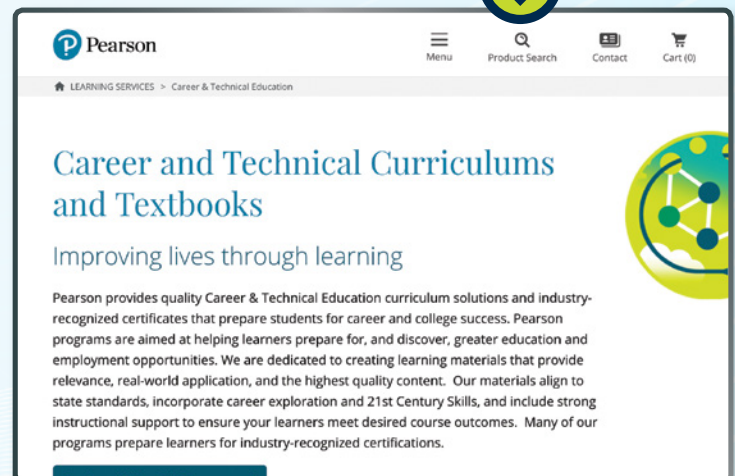
Free CTE Resources!

Pearson offers a variety of teacher supplements and resources online for a wide range of CTE programs. You can download such resources as Powerpoint Slides and TestGen test banks. TestGen is a Pearson test generator program designed to help create paper handouts, quizzes, or tests for your students.
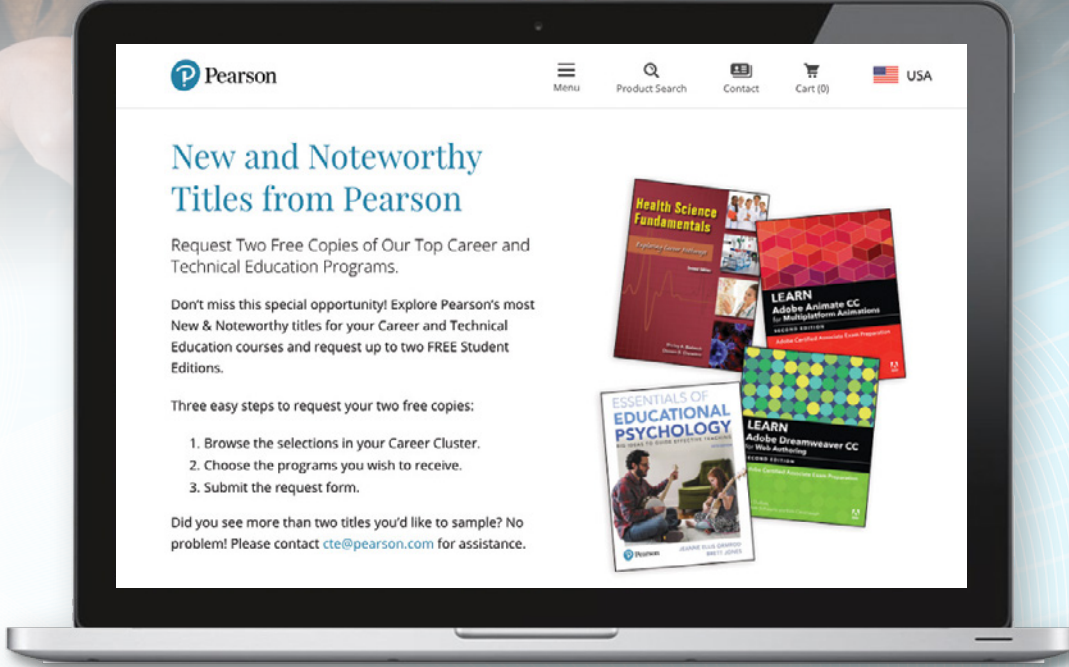
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Once you are on your Program page, select **Explore** and **Free Resources**.

If you have not Registered, you will need to set up your educator account to Log In and access the Free Resources. You must Register for your account using your school email address.
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