ANCILLARIES FOR INSTRUCTORS

PowerLecture
ISBN 1-133-52566-0

This comprehensive DVD contains all art from the text in both jpeg and PowerPoint formats, complete pre-built PowerPoint lectures, an electronic version of the Instructor's Guide, Solution Builder, ExamView algorithmic testing software, Tools for Enriching Calculus, and video instruction.

Instructor's Guide
By Douglas Shaw
ISBN 1-133-52510-5

Each section of the text is discussed from several viewpoints. The Instructor's Guide contains suggested time to allot, points to stress, text discussion topics, core materials for lecture, work-show/discussion suggestions, group work exercises in a form suitable for handout, and suggested homework assignments. An electronic version of the Instructor's Guide is available on the PowerLecture DVD.

Complete Solutions Manual
ISBN 1-133-36444-6

Includes worked-out solutions to all exercises in the text.

Solution Builder
www.cengage.com/solutionbuilder

This online instructor database offers complete worked-out solutions to all exercises in the text. Solution Builder allows you to create customized, secure solution printouts (in PDF format) matched exactly to the problems you assign in class.

ExamView Algorithmic Testing

Create, deliver, and customize tests in print and online formats with ExamView, an easy-to-use assessment and tutorial software. ExamView contains hundreds of multiple-choice, numerical response, and short answer test items. ExamView algorithmic testing is available on the PowerLecture DVD.

ANCILLARIES FOR INSTRUCTORS AND STUDENTS

Stewart Website
www.stewartcalculus.com

Contents: *Review of Algebra*, *Trigonometry*, *Analytic Geometry*, *and Conic Sections* ▪ *Homework Hints* ▪

Additional Examples ▪ *Projects* ▪ *Archived Problems* ▪ *Challenge Problems* ▪ *Lies My Calculator and Computer Told Me* ▪ *Principles of Problem Solving* ▪ *Additional Topics* ▪ *Web Links* ▪ *History of Mathematics*

TEC Tools for Enriching™ Calculus
By James Stewart, Harvey Keynes, Dan Clegg, and developer Hu Hohn

Tools for Enriching Calculus (TEC) functions as both a powerful tool for instructors, as well as a tutorial environment in which students can explore and review selected topics. The Flash simulation modules in TEC include instructions, written and audio explanations, and exercises. TEC modules are assignable in Enhanced WebAssign. TEC is also available at www.stewartcalculus.com, as well as in the YouBook and CourseMate.

WebAssign Enhanced WebAssign
www.webassign.net

WebAssign's homework system lets instructors deliver, collect, and record assignments via the Web. Enhanced WebAssign for Stewart's *Essential Calculus: Early Transcendentals* now includes opportunities for students to review prerequisite skills and content both at the start of the course and at the beginning of each section. In addition, for selected problems, students can get extra help in the form of "enhanced feedback" (rejoinders) and video solutions. *Other key features include:* thousands of problems from Stewart's *Essential Calculus: Early Transcendentals,* a *QuickPrep for Calculus* review, a customizable Cengage YouBook, Just In Time Review questions, a Show My Work feature, assignable Tools for Enriching Calculus modules, quizzes, lecture videos (with associated questions), and more!

Cengage Customizable YouBook

YouBook is an eBook that is both interactive and customizable! Containing all the content from Stewart's *Essential Calculus: Early Transcendentals,* YouBook features a text edit tool that allows instructors to modify the textbook narrative as needed. With YouBook, instructors can quickly reorder entire sections and chapters or hide any content they don't teach to create an eBook that perfectly matches their syllabus. Instructors can further customize the text by adding instructor-created or YouTube video links. Additional media assets include: Tools for Enriching Calculus visuals and modules, Wolfram animations, video clips, highlighting, notes, and more! YouBook is available in Enhanced WebAssign.

CourseMate

CourseMate is a perfect self-study tool for students, and requires no set-up from instructors. CourseMate brings course concepts to life with interactive learning, study, and exam preparation tools that support the printed textbook. CourseMate for Stewart's *Essential Calculus: Early Transcendentals* includes: an interactive eBook, Tools for Enriching Calculus, videos, quizzes, flashcards, and more! For instructors, CourseMate includes engagement tracker, a first-of-its kind tool that monitors student engagement.

Maple

Maple™ is an essential tool that allows you to explore, visualize, and solve even the most complex mathematical problems, reducing errors and providing greater insight into the math. Maple's world-leading computation engine offers the breadth, depth, and performance to handle every type of mathematics. With Maple, teachers can bring complex problems to life and students can focus on concepts rather than the mechanics of solutions. Maple's intuitive interface supports multiple styles of interaction, from Clickable Math™ tools to a sophisticated programming language.

CengageBrain.com

To access additional course materials and companion resources, please visit www.cengagebrain.com. At the CengageBrain.com home page, search for the ISBN of your title (from the back cover of your book) using the search box at the top of the page. This will take you to the product page where free companion resources can be found.

ANCILLARIES FOR STUDENTS

Student Solutions Manual
ISBN 1-133-49097-2

Provides completely worked-out solutions to all odd-numbered exercises in the text, giving students a chance to check their answers and ensure they took the correct steps to arrive at an answer.

CalcLabs with Maple

SINGLE VARIABLE By Robert J. Lopez and Philip B. Yasskin
ISBN 0-8400-5811-X

MULTIVARIABLE By Robert J. Lopez and Philip B. Yasskin
ISBN 0-8400-5812-8

CalcLabs with Mathematica

SINGLE VARIABLE By Selwyn Hollis
ISBN 0-8400-5814-4

MULTIVARIABLE By Selwyn Hollis
ISBN 0-8400-5813-6

Each of these comprehensive lab manuals will help students learn to use the technology tools available to them. CalcLabs contain clearly explained exercises and a variety of labs and projects.

A Companion to Calculus

By Dennis Ebersole, Doris Schattschneider, Alicia Sevilla, and Kay Somers
ISBN 0-495-01124-X

Written to improve algebra and problem-solving skills of students taking a calculus course, every chapter in this companion is keyed to a calculus topic, providing conceptual background and specific algebra techniques needed to understand and solve calculus problems related to that topic. It is designed for calculus courses that integrate the review of precalculus concepts or for individual use.

Linear Algebra for Calculus

By Konrad J. Heuvers, William P. Francis, John H. Kuisti, Deborah F. Lockhart, Daniel S. Moak, and Gene M. Ortner
ISBN 0-534-25248-6

This comprehensive book, designed to supplement the calculus course, provides an introduction to and review of the basic ideas of linear algebra.