



Student User Guide for StatsPortal
Exploring the Practice of Statistics

Moore, McCabe, and Craig

Getting Started with StatsPortal

Exploring the Practice of Statistics

Moore, McCabe, and Craig

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Overview


Welcome to StatsPortal, your complete Web-based study tool for David S. Moore, George P. McCabe and Bruce Craig's *Exploring the Practice of Statistics*. Not only does it lighten your backpack by offering online access to your textbook and other course materials, but communication tools make it easier to connect with your class community. With StatsPortal, you can:

- Work with supplemental resource material, such as flashcards.
- Do homework with instant grading and feedback.
- Take and share online notes.
- Participate in discussion forums and chat rooms.
- Communicate with your teacher and/or other students via course email.

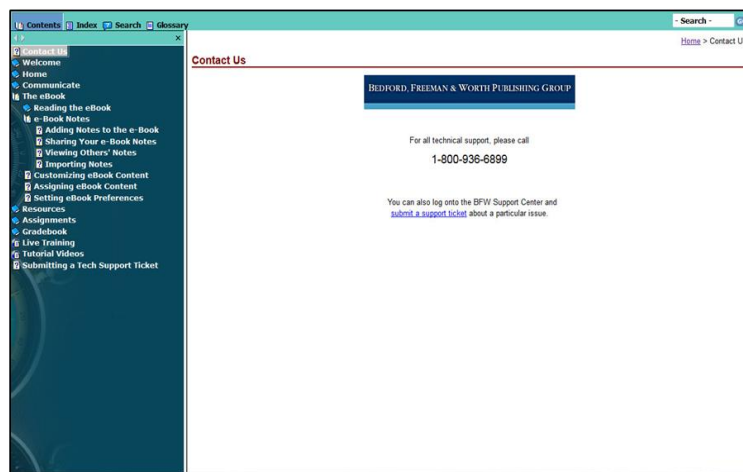
Note: Depending on how your instructor has configured the StatsPortal for your class, you may not have access to all these features.

This guide is designed to get you into the course software, introduce you to the main features, and leave you comfortable enough to begin working in the StatsPortal on your own.

Getting Help

 StatsPortal includes a comprehensive help system with step-by-step instructions for performing a variety of tasks in the program. To access it, click the Help (?) button in the bottom-left corner of the screen. (Note: this online help system is available after you've logged in to StatsPortal.)

For questions that aren't answered by the help system, contact StatsPortal Technical Support, available 24/7. Call 1-800-936-6899.



System Requirements

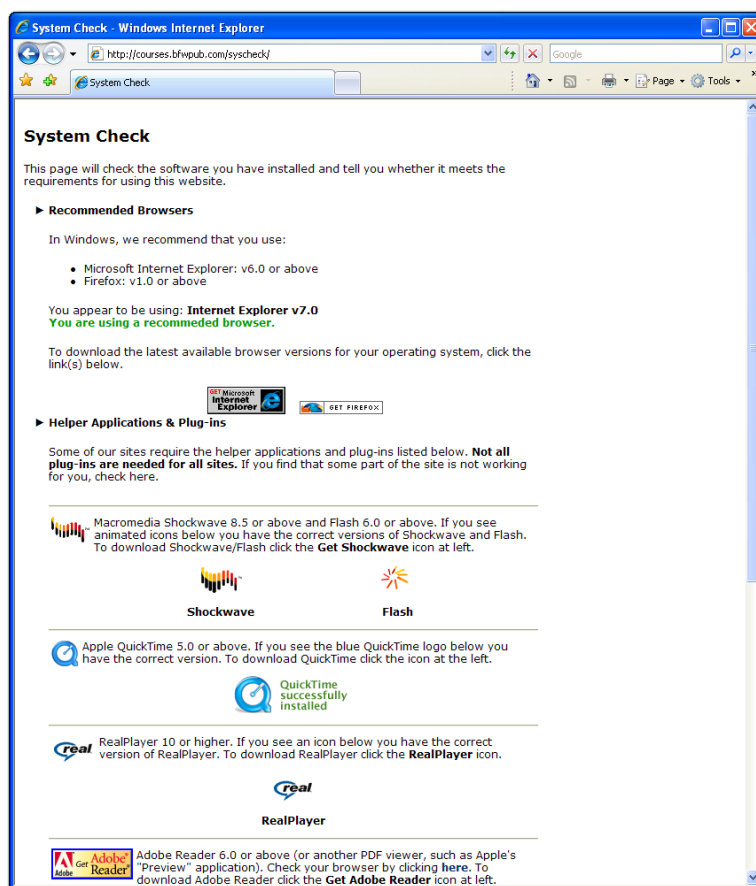
The following Web browsers are formally supported and tested for use with StatsPortal:

- ❑ **Windows:** Internet Explorer version v6.0 or above and Firefox version 1.0 or above.
- ❑ **Mac OS X:** Firefox version 1.5 and above.

In addition, some StatsPortal resources require Adobe Shockwave Player, Adobe Flash Player, Apple QuickTime (5.0 or above), RealPlayer (10 or higher), Java, or Adobe Acrobat (version 6 or above). The latest versions of these plug-ins can be downloaded free of charge from Adobe, Sun, or Apple Web sites.



To see which plug-ins you have installed and to find installers, go to the online help system and select the **System Check** link from the System Requirements section or go directly to <http://courses.bfwpub.com/syscheck/>.



Note: To view some features of the Portal, you may need to turn off your browser's pop-up blocker, and any pop-up blocker(s) in third-party toolbars you may have added to your browser, such as the Google or Yahoo toolbar.

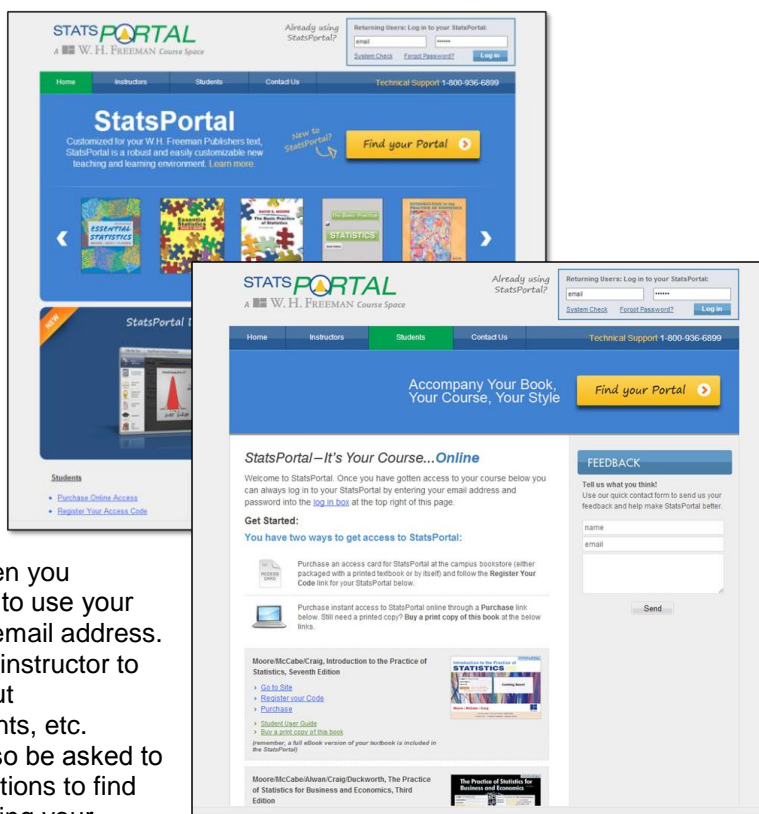
Registering for the Course

To get access to StatsPortal, you have two options:

1. Purchase an access card for StatsPortal at the campus bookstore (either packaged with a printed textbook or by itself). Then go to <http://yourStatsPortal.com> and select the *Register Your Access Code* link under “Students” towards the bottom left of the screen.
2. Purchase instant access to StatsPortal online. Go to <http://yourStatsPortal.com> and select the *Purchase Online Access* link under “Students” towards the bottom left of the screen. Find your course on the page and click the *Purchase* link next to it. Follow the directions on the screen.

After Purchasing, Follow these Steps

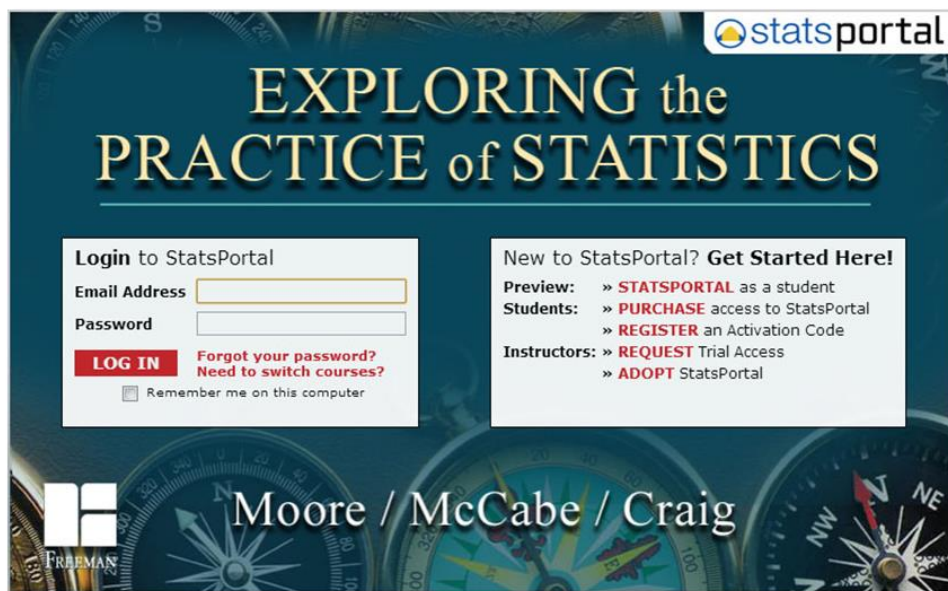
1. Find the book you are using in your course (listed below).
2. Click on “Register your Code” beneath your textbooks title. **NOTE: Be sure that you are registering for the right course (selecting the right textbook)! The textbook you select should match your access code cards.**
3. Fill in the requested personal information to register for the course. When you registering, it’s always best to use your school (college/university) email address. This will better enable your instructor to communicate with you about assignments, announcements, etc.
4. During registration you’ll also be asked to follow the on-screen instructions to find your course. Start by selecting your school’s state/province, the school name, then your course/instructor, and/or selections. **Make sure you are selecting the right course/section!** The course title should list the class meeting times you use to verify that you are selecting the right course/section.
5. Click “Next” at the bottom of the page; confirm the information on the following screen, and click “Create Account” to complete the registration process. **REMEMBER to write down your password!** You’ll need to use this password every time you log-in.



Note: You won’t be able to change your email address once you have registered, so you must choose an address that will be valid for the duration of the course.

Logging in to the Course

Both you and your students should go directly to <http://courses.bfwpub.com/eps> to login to the StatsPortal course. Supply your email address and password and click **LOG IN**. You can also always find your course by going to <http://yourStatsPortal.com>.



The screenshot shows the StatsPortal login interface. At the top right is the 'statsportal' logo. The main title is 'EXPLORING the PRACTICE of STATISTICS'. Below the title are two main sections: a login form and a 'Get Started Here!' section. The login form includes fields for 'Email Address' and 'Password', a 'LOG IN' button, and a 'Remember me on this computer' checkbox. The 'Get Started Here!' section lists options for Preview, Students, and Instructors. At the bottom left is the Freeman logo, and at the bottom center is the text 'Moore / McCabe / Craig'.

statsportal

EXPLORING the PRACTICE of STATISTICS

Login to StatsPortal

Email Address

Password

LOG IN Forgot your password?
Need to switch courses?

Remember me on this computer

New to StatsPortal? Get Started Here!

Preview: » **STATSPORTAL** as a student

Students: » **PURCHASE** access to StatsPortal
» **REGISTER** an Activation Code

Instructors: » **REQUEST** Trial Access
» **ADOPT** StatsPortal

Freeman

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If you have any trouble with a log-in id or password, call 1-800-936-6899 or contact technical support via email at techsupport@bfwpub.com.

The StatsPortal Home Page

Once you've logged in to StatsPortal, the home page appears. From here, you can access all the information, tools, and resources in StatsPortal.

Note: Your instructor can customize this home page to suit the needs of your class, so what you see may not exactly match what is shown here.

The screenshot shows the StatsPortal interface for a course titled "StatsPortal (Moore: Exploring the Practice of Statistics 1e) Spring 2013 QA Course". The page is organized into several sections:

- Navigation Tabs:** HOME, eBook, RESOURCES, Syllabus, LearningCurve, ASSIGNMENTS, GRADEBOOK.
- Search:** A search bar at the top right allows users to search for terms or pages/sections.
- Course Info:** Displays course details such as name, course number, section number, and instructor (Andrew Newcomb).
- Assignments:** Shows a message that no assignments are due in the next seven days.
- Gradebook:** Provides links to view the gradebook, course roster, groups, attendance, assignments, and class overview reports.
- Communicate:** Offers a way to contact the instructor via email, with a message count (0 unread).
- Class Reports:** Shows an activity summary for the past 7 days.
- StatsPortal QuickStart:** Provides a guide to the platform's features, including the eBook, resources, and assignments.
- Announcements:** Displays recent news, such as "Welcome to StatsPortal!" and "Tuesday, July 24, 2012".
- News Feed:** Features a "SCIENTIFIC AMERICAN" section with articles like "Preschoolers Who Drink Daily Sodas Are More Likely to Be Obese by Age 5+" and "Autism Risk-Factors Database Could Aid in Epidemiological Studies of the Disorder".

Callout boxes provide the following instructions:

- Use tabs to go to specific pages of the StatsPortal course.
- Search the entire Portal for a topic, or jump to a page or section.
- View info about the course and the instructor.
- Display online help.
- Switch to a different section.
- Log out.
- Edit your user profile, forward course mail and set system settings.

The StatsPortal eBook

The StatsPortal eBook is a complete online version of David S. Moore, George P. McCabe and Bruce Craig's *Exploring the Practice of Statistics*.

To open the eBook's table of contents, click the **EBOOK** tab at the top of the page. From there, select the chapter or section where you want to go. You can also jump directly to a chapter by selecting it from the eBook drop-down list on the home page.

To get started in the eBook, choose a chapter here

Once you're in the eBook, use the navigation pane (on the left) and the **P**revious and **N**ext links to get around a chapter or to go to another chapter. Use the **S**earch box in the upper-right corner of the window to jump to the eBook section corresponding to a given printed page, or use it to find information on any given topic.

Type a term to search for, or enter a page or section number, then click Go.

Use Previous and Next to cycle through the sections.

The screenshot shows the StatsPortal eBook interface. The navigation pane on the left lists the contents of Chapter 1, including sections 1.1.1, 1.1.2, and 1.1.3. The main content area displays the text for section 1.1.1, "Starting a statistical study". A search box is located in the upper right corner. The eBook Tools menu is open, showing options such as Bookmarks, Search, Glossary, Add Note, Modify Note, Add Sticky Note, Show All Notes, Add Highlighting, Clear Highlighting, eBook Settings, and eBook Help. Annotations with arrows point to the search box, the navigation pane, the eBook Tools button, and the eBook Tools menu.

Every section contains hyperlinks to additional material, related sections, learning tools, and glossary definitions. To highlight a phrase, double-click it. To bookmark a section or add your own notes, click the **eBook Tools** button.

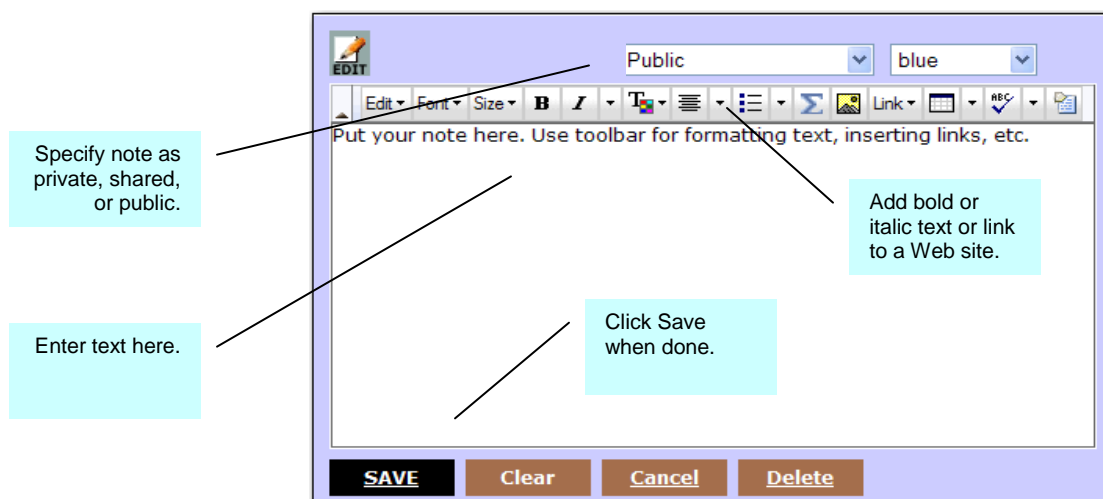
Taking Notes

Within every eBook section, you will see any notes your instructor has added for you. You can add your own notes to the section as well. To add a note, click the **eBook Tools** button and choose **Add a Top Note** or **Add a Sticky Note** from the Tools menu. Top notes will always appear at the top of the page, whereas sticky notes can be moved to anywhere on the page.

In the displayed Note Box, type the text of your note. Use buttons to the right to add bold or italic text or to insert a link to a Web site.

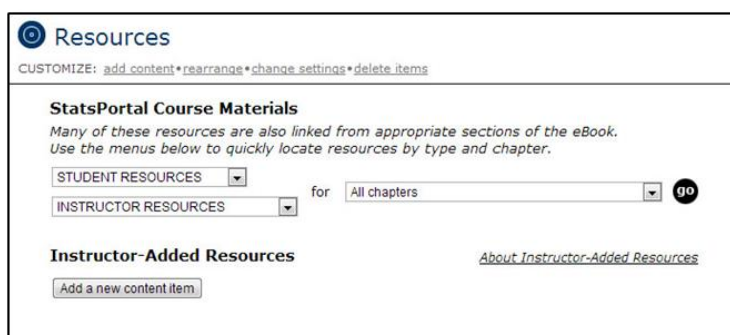
Use the drop-down list to specify your note as Public (anyone to whom you give permission can view, but only you can edit), Shared (those to whom you give permission can view and edit), or Private (only you can view). Click **Save** to save your note. To edit the saved note later, click the **Edit** icon in the note's top-left corner.

Note: For more on sharing notes, refer to the StatsPortal online help.



Accessing StatsPortal Course Materials

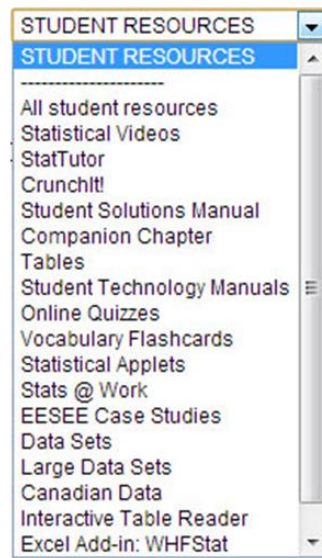
StatsPortal comes with an abundance of online resources to aid your learning process. Your instructor can also upload additional resources for the course.



You can also access these resources from through the Course Materials page. Click the **COURSE MATERIALS** tab (or click the Course Materials link on the home page if available).

In addition to resources supplied by the publisher, your instructor may add course-specific resources, such as discussion forums or lecture slides. These are listed directly on the Course Materials page.

To view StatsPortal Course Materials, select a type of resource from the Student Resources drop-down list and a chapter from the Chapters drop-down, then click **go**. Click on any of the displayed resources to access it.



Viewing Quizzes & Assignments

When your instructor creates an assignment in StatsPortal, it is added to the **Assignment Center**. StatsPortal keeps track of what assignments you've completed and when upcoming assignments are due.

To view all assignments, both past and upcoming, click the **Assignment Center** tab. (Assignments due in the current week may also be listed on your home page).

The Assignment Center page lists all of your course assignments and quizzes. It shows due date, gradebook points, and status. You can use the **Sort assignments by** drop-down box to change the order in which assignments are listed. Click an assignment to jump to it.

Assignment Center

Current time: Tuesday, March 02, 2010 - 12:58 PM

Sort assignments by: Due Date (latest first)

Assignment Type / Title	Access/Availability	Due Date (click to change)	Gradebook Points (# Grades) (click to change)	Actions
Chapter 1 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 2 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 3 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 4 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 5 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 6 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 7 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 8 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 9 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 10 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 11 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 12 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 13 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 14 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 15 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 16 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 17 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 18 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove
Chapter 19 Self-Check Quiz	Set	Set	10 (1)	Report Grade Remove

Due dates for assignments are also entered in your course calendar. Click **Go to Calendar** to display the calendar.

Taking a Quiz

1. Locate the appropriate quiz in the Assignments page.
2. Click the quiz's title. The top of the Assignment Details page shows settings the instructor has chosen for the quiz. Take note of the settings for the quiz. It should indicate if you are allowed multiple attempts, if there is a time limit, and if the quiz has been made available. If a quiz is not available, you may have to wait until a specific time to take it, you may have missed the deadline, or the quiz may only be for students in a specific section or group.

A screenshot of a quiz interface. At the top, there is a blue circular icon with a white checkmark, followed by the text 'Chapter 2 Quiz' in a large, bold, blue font. Below this, a horizontal line separates the title from the settings. The settings are displayed in a smaller, grey font: 'Available: Yes, Max Attempts: 1, Review: Full, Anonymous: No'. At the bottom of the interface, there is a blue button with the text 'Begin Chapter 2 Quiz' in white, underlined.
3. Click *Begin [quiz name]*
4. Answer the questions on the quiz. Questions can be formatted as multiple choice, true/false, fill-in-the-blank, drop-down list, multiple select, matching, ordering, short answer, or essay. Enter your answers in the appropriate manner. Some questions may include a Help button. Click it to see a related question in an interactive exercise.
5. If enabled by your instructor, you can click the Save Answers button to save your answers and finish the quiz later.
6. When you're finished, click *Submit*.

If the instructor has made it available, you will be able to review the quiz.

LearningCurve

LearningCurve is an adaptive activity to help you solidify your understanding and retention of the material. It differs from traditional quizzes because wrong answers never count against you. You accumulate points for each correct answer and simply continue until you have reached the target activity score. If you don't know an answer you can get a hint or guess. You will still get points for a correct answer, but fewer points if you needed a hint or made an incorrect guess first. As you complete each question you are given feedback about the correct answer and a link to the section in the textbook covering that topic.

LEARNINGCurve 1.2 Categorical variables: pie charts and bar graphs

Members of a health club were asked which classes they took at the club (Zumba, Step, P90, etc). Why would it *not* be correct to display this data in a pie chart?

- We don't have the actual data.
- We don't know all the classes that the club teaches.
- Not all the members take a class at the club.
- Some members may take more than one kind of class at the club.**

Yes! The correct answer is **Some members may take more than one kind of class at the club.** Report this question

→ Yes, since some people may take more than one class, our percentages for each group could add up to more than 100%, meaning we can't use a pie chart.

Take a Break Next Question

When your instructor assigns a LearningCurve activity, you can access it from the Assignment Center. As you answer each question you can see your accumulated points represented in the progress bar at the bottom of the screen. You are not required to complete the entire activity in one session. Just click **Take a Break** to save your progress. When you return to the activity later you will be able to resume it from this point. As long as you reach the target activity score

before the assignment deadline you will receive full credit for the activity.

When you finish the activity LearningCurve will provide you with a breakdown of the topics covered in that chapter of the textbook and the percentage of questions you answered correctly from each topic. You can use this as a personalized study plan to help you determine what areas you need to review further. Click on any topic you want to review to be taken directly to that section in the eBook.

LEARNINGCurve

Great! You've completed the activity! Don't stop now, though: you can keep answering questions for practice as long as you wish.

Target Score: 450
Current Score: 480

Personalized Study Plan

THESE TOPICS NEED SOME WORK

- 65% Histograms
- 68% Stemplots and Time Plots

YOU SCORED BETTER ON THESE

- 89% Individuals and Variables: Pie Charts and Bar Graphs

Done More Questions

Checking Your Grades


Click the **Grades** link on the home page to check your current status in the course. Your instructor can make link is available under **Gradebook** or **Course Work** on the home page. The Grades page shows your current overall grade at the top of the page. Grades for each assignment follow, along with any comments entered by your instructor. If you don't have access to this link, you can view your grades and review your scores in the **Assignment Center** and review your previously submitted work by clicking on the assignment you're interested in.

The screenshot shows the 'Grades' page in StatsPortal. At the top, it displays the student's name '10, student (qa_student_10@school.edu)' and their overall grade 'Overall: 92.86%'. Below this is a table with columns for 'Title', 'Grade', and 'Comments'. The table lists several assignments with their respective grades. Callout boxes are placed over the page to highlight specific information:

- Current overall grade.** Points to the 'Overall: 92.86%' text.
- Total grade points given to the assignment.** Points to the 'Grade' column of the table.
- Instructor comments.** Points to the 'Comments' column of the table.
- Your grade on the assignment.** Points to a specific grade value in the 'Grade' column.

Course Mail

StatsPortal includes its own email system for communicating with your instructor and others in your course. Your instructor will use this course mail to send out reminders or to communicate directly with you. To access your course mail, click **Inbox** in the Communicate area of your home page. (Or click **Compose** to jump directly into writing an email.)

 **Note:** your course mail will be automatically forwarded to the email address you use to sign in to the portal. To change your email forwarding address, click the **Preferences** button in the sidebar on the left of your screen. Click **System Settings**, page down to **Mail Settings** and enter the email address to forward your mail to at the bottom of the page. Select a forwarding mode, and click **Save**. When you reply to forwarded course mail, the reply is sent through the outside email associated with the sender, not through the course mail system.

Mail Settings

Directions: You can have a copy of mail that you a forwarding mode.

Forwarding Address

Forwarding Mode

Your Course Mail inbox will look like this:

The screenshot shows the Course Mail inbox interface. The left sidebar contains a folder list: System Folders (Drafts 0/1, Inbox 0/3, Sent 0/5, Trash 0/1) and My Folders. The main area displays a list of emails with columns for From, Subject, Source, and DATE. A search bar is located at the top right. Callouts point to various elements:

- Set email options.** Points to the 'Compose' button.
- Click to write an email to send.** Points to the 'Compose' button.
- Select a folder to view.** Points to the folder list on the left.
- Delete selected emails.** Points to the 'Delete' button.
- Filter emails shown in list.** Points to the search bar.
- Click to view email.** Points to an email entry in the list.
- Enter text and click Search Folder to find emails containing the given text.** Points to the search bar.

To send an email, click Compose (from either the Course Mail page or the home page). Click Add Recipients and add course members to the To, CC, or BCC lists, then click OK. Type the subject and email text, then click Send.

Your Compose Message screen will look like this:

The screenshot shows the Course Mail Compose Message screen. The left sidebar contains a folder list: System Folders (Drafts 0/1, Inbox 0/3, Sent 0/5, Trash 0/1) and My Folders. The main area contains a 'To:' field with an 'Add Recipients' button, a 'Subject:' field, and a large text editor. Callouts point to various elements:

- Click here to select recipients from a course list.** Points to the 'Add Recipients' button.
- Use the inline editor to format text, run the spell-checker, or add links.** Points to the text editor toolbar.
- Click here to attach a file to the message.** Points to the 'Attach files' button.
- Click to send.** Points to the 'Send' button.