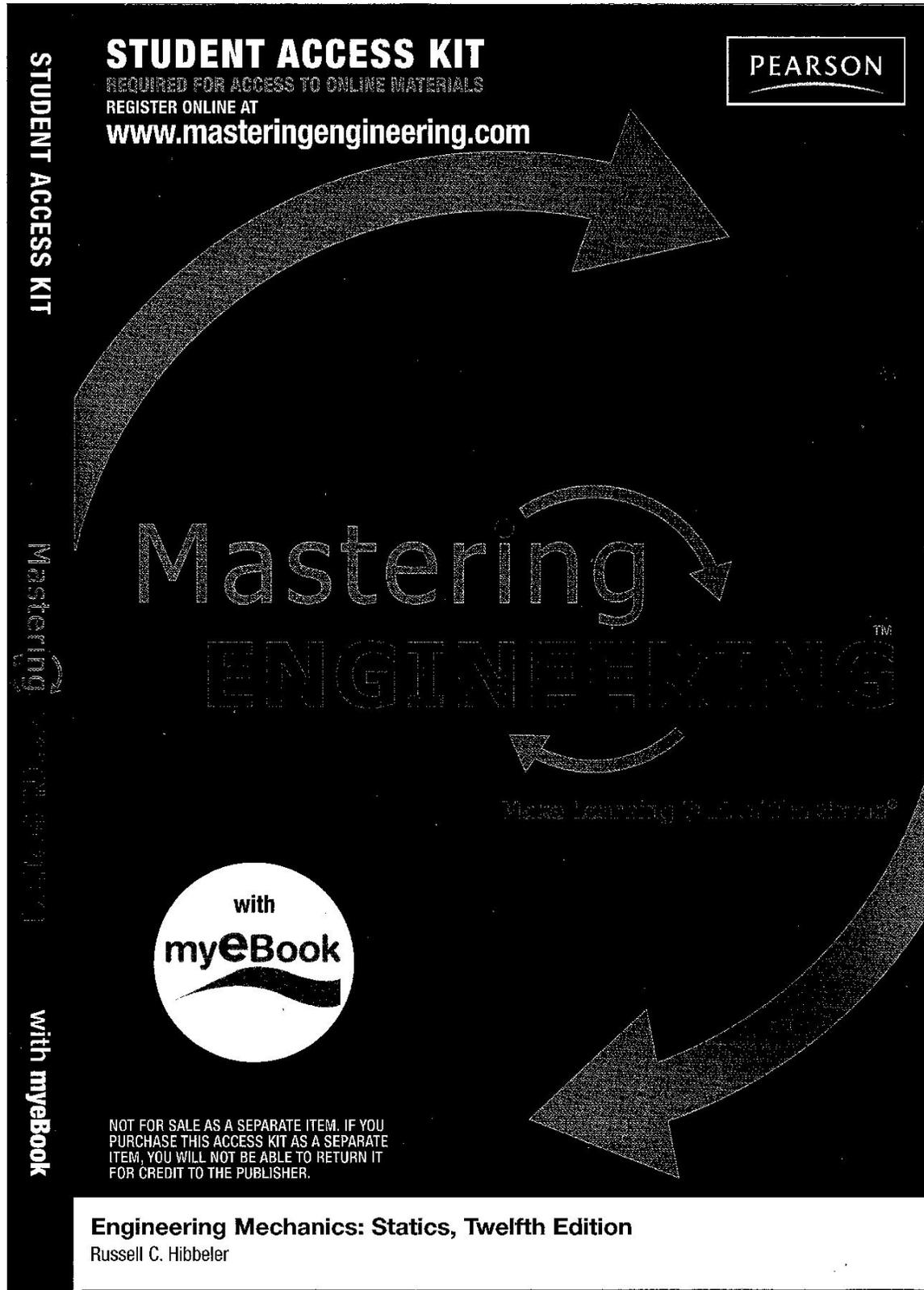


# Mastering Engineering – Student Access Kit for submitting online homework

You should have received a Student Access Kit with the textbook that you purchased. If you did not, you can purchase an access code from the website (or the access kit and the etext).

The cover to the Student Access Kit is shown below:



Open the Student Access Kit for instructions. Pull the red tab to reveal your access code. Follow the instructions inside the Student Access Kit. They are shown on this page and the next page for your reference.

## Use the code in this card to register for use of MasteringEngineering™ at [www.masteringengineering.com](http://www.masteringengineering.com).

- Registering gives you access to available self-study resources in MasteringEngineering using your login name and password.
- If you receive a Course ID, your instructor may require you to do assignments or other work in MasteringEngineering. You can enter this Course ID immediately after you register or anytime later on.

### After you register and log in to MasteringEngineering

Click <b>Assignments</b> to check for activities that your instructor has assigned.	<ul style="list-style-type: none"><li>• Each item in an assignment may contain one more Parts (A, B, C, etc.). Each part contains a problem or question for you to answer.</li></ul>
(Your instructor controls when each assignment is available for you to open.)	<ul style="list-style-type: none"><li>• If you have trouble answering a question: Click the <b>Hints</b> button for clues or simpler questions. (Hints are not available for all questions.) You can refer to other provided resources, such as <b>Constants</b> or <b>Periodic Table</b>, as needed.</li><li>• Click <b>Submit</b> as you work. When you finish submitting answers to ALL of the Parts, click the bottom button to view your score summary.</li></ul>
Click <b>Scores</b> to view your score after you complete assignments.	<ul style="list-style-type: none"><li>• Your instructor will see your scores for each assignment.</li><li>• Instructors can also see whether you complete the assignments they assign “for practice.”</li></ul>
Click <b>myeBook</b> for online access to your textbook.*	<ul style="list-style-type: none"><li>• The eBook matches the book associated with your account. This is either the book you selected when you first log in, or the book for your instructor’s MasteringEngineering course.</li></ul>
*Applies when an eBook is available for your book and if your subscription to MasteringEngineering includes eBook access.	<ul style="list-style-type: none"><li>• If you haven’t purchased eBook access yet, and an eBook is available for your book: Clicking <b>myeBook</b> may let you purchase this access online. Some restrictions apply.</li></ul>
Click <b>Study Area</b> to access self-study resources.	<ul style="list-style-type: none"><li>• Study Area resources complement either the book you select when you first log in, or the book for your instructor’s online MasteringEngineering course.</li><li>• If you participate in a MasteringEngineering course with assignments: You can continue to access the Study Area for the length of your subscription, even after your instructor’s course ends.</li></ul>

For Help while logged in to MasteringEngineering: Click **Help** in the upper right.

1. Register for MasteringEngineering (One time only)

Go to [www.masteringengineering.com](http://www.masteringengineering.com) and click **New Students** beneath Register. Click **Yes** to indicate that you have an access code (pull back the tab below to reveal your code), then follow the on-screen instructions to complete your registration. Click **Log in Now** to go to [www.masteringengineering.com](http://www.masteringengineering.com).

2. Log in to MasteringEngineering

From [www.masteringengineering.com](http://www.masteringengineering.com), enter your Login Name and Password from registration and click **Log In**. The first time you log in, follow one of the paths below.

---

**If you received a Course ID:**  
Use it to enroll in a MasteringEngineering course now.

**Don't have a Course ID?**  
You can still access self-study resources in MasteringEngineering.

---

Click **Yes** to confirm that you have a Course ID. Enter the Course ID. Complete any other requested information.

- Select **Assignments** to view and complete any assignments.
- Select **Study Area** and/or **myeBook** for any available self-study resources.

If prompted, select your book title and edition, then click **Go to Study Area**.

- Select **Study Area** and/or **myeBook** for any available self-study resources.
- 

*If you receive a Course ID later:* Click **Join Course** after logging in for self-study.

**This student access code can only be used once and cannot be shared!**

If the tab has been pulled back before your use of this code, the code may no longer be valid. In that case, you can purchase access online by going to [www.masteringengineering.com](http://www.masteringengineering.com). Once established, you cannot transfer your subscription to MasteringEngineering to another student by changing the name on your student account or in any other way.



PULL

**YOUR ACCESS CODE**

**Important:** Check that your computer can run MasteringEngineering. Click **System Requirements** from [www.masteringengineering.com/support](http://www.masteringengineering.com/support). In particular, make sure that you have the latest version of the Adobe® Flash® player installed.

**Subscription Duration and Changing Courses**

Your access to MasteringEngineering is good for 12 months from the time you register. If you enroll in an instructor's MasteringEngineering course with a Course ID, note the following:

- **Instructors set the end date for a MasteringEngineering course.** You can access course assignments and scores until the course end date. If your subscription to MasteringEngineering lasts longer than the course, you can still access any available self-study resources (Study Area, myeBook) until the end of your subscription.
- **Your subscription grants access to ONE MasteringEngineering course at a time.** At the end date of a course, you are automatically disenrolled. This frees you to enroll in another MasteringEngineering course.
- **If you enroll in a MasteringEngineering course, then change course sections:** When both instructors require you to complete assignments in MasteringEngineering, your first instructor should manually disenroll you from the first course, so that you can enroll in a new course with a different Course ID.

Go to [www.masteringengineering.com](http://www.masteringengineering.com) and click on New Students to register for the first time

The screenshot shows the MasteringEngineering website. At the top left is the logo "MasteringENGINEERING" with a circular arrow icon. To the right is the tagline "Make Learning Part of the Grade®". Below this is a navigation bar with buttons for "Home", "Product Info", "Tours & Training", "Proven Results", "Books Available", and "Support".

On the left side, there is a "Register" section with buttons for "Students" and "Instructors", and a "Log In" section with input fields for "Login Name:" and "Password:", a "Log In" button, and a link for "Forgot your login/password?".

In the center, there is a large image of a train tunnel with the text "Make Learning Part of the Grade" and a "Take the tour" button.

On the right side, there is a vertical menu with buttons for "The System", "Efficacy", and "Books Available".

Below the navigation bar, there is a "Learn More" section with three links: "What is MasteringEngineering?", "Take a tour of MasteringEngineering", and "Learn more about the proven efficacy of MasteringEngineering".

At the bottom left, there is a box that says "Over ONE MILLION STUDENTS Across the Sciences" with a link "View all Disciplines".

At the bottom right, there is a quote: "I like doing these problems because if I don't know how to solve the problem I use the HINTS tab...to solve the problem instead of skipping it or guessing it." attributed to a "MasteringEngineering Student". Below the quote are links for "MasteringASTRONOMY", "MasteringCHEMISTRY", and "MasteringPHYSICS".

Click on **Yes, I have an access code** or else choose the option to purchase an access code

The screenshot shows the registration page on the MasteringEngineering website. At the top left is the logo "MasteringENGINEERING™". To the right is the tagline "Make Learning Part of the Grade®" and a link "Log In / Register". Below this is a navigation bar with buttons for "Home", "Product Info", "Tours & Training", "Proven Results", "Books Available", and "Support".

The main heading is "Register for MasteringEngineering™". Below this is the section "Step 1: Do you have an access code?".

The text explains: "A student access code is a printed code supplied inside the MasteringEngineering Student Access Kit (and sometimes by other means.) If your instructor requires you to use MasteringEngineering, a student access kit may have been included with the purchase of your new textbook."

There are two radio button options:  Yes, I have an access code. and  No, I need to purchase access online now.

Below the options is a "Continue >" button.

On the right side, there is an "Example" box containing the text "SIMPLE-FRILL-TONLE-WEIRS-CHOIR-FLEES" and the note "your access code may look like this".

Select **I Accept** when the license agreement appears.

If you have a Pearson Education account, enter your login name (email address) and password.  
If not, select No and create a login name (use your TCC email address) and password.  
If a zip code is needed for the college, use 23453.  
Enter the Access Code from your Student Access Kit.

## Access Information

\* Fields are required [Video Tutorial](#)  [Help](#) 

Do you have a Pearson Education account? 

Yes

No

### \* Create a Login Name

It is recommended that you use your email address. It must be at least four characters. [See acceptable characters.](#)

Create a login name and password. Choose something that is easy to remember.

### \* Create a Password

Create a password. It must be at least 8 characters with at least one letter and one number. [See acceptable characters.](#)

Your password cannot be the same as your login name.

### \* Re-type your Password

Not Sure

Access Code 

Enter your access code.

### \* Access Code

 -  -  -  -  - 

 [Switch to a single box for pasting your access code](#)

**Example**  
SIMPLE-FRILL-TONLE-WEIRS-CHOIR-FLEES

Cancel

Next 

Copyright Pearson Education, 1997-2010

[Customer Technical Support](#) | [Privacy Policy](#) | [License Agreement](#)

Your account information should now appear. (I blocked out the email address.) Select **Next** to continue.

## Account Information

Fields are required [Video Tutorial](#) [Help](#)

MasteringEngineering for Hibbeler Engineering Mech: Statics, 12e - Bundled with eBook  
Welcome back, Paul. Review your account information and update as needed.

### Personal Information

**First Name** **Last Name**

Instructors might send course information to your email address. Important subscription and system information will also be sent to you.

**Email Address**

Enter a valid email address. [See acceptable characters.](#)  
[Don't have an email address?](#)

**Re-type Your Email Address**

### School Location

**School Country**

**School Zip or Postal Code**

Enter your ZIP or Postal Code to see a list of schools in your area.

[Need help finding your school's Zip or Postal code?](#)

**School Name**

Select the name of your school from the list. If your school is not listed, select "Other" at the bottom of the list.

### May we contact you?

Let me know about other Pearson Education products and services to help me succeed.

## Confirmation & Summary

[Print This Page](#)

You have subscribed to a Pearson Education online product. Please [print this page](#) as your receipt. You will also receive a confirmation email for your records.

You now have access to...



### MasteringEngineering

[Log In Now](#)

If you need to review or edit your account information, visit your [Account Summary](#) page.

Role: Student

Expiration Date:

[Redacted]

Account ID:

[Redacted]

Order ID:

[Redacted]

Section or Module: MasteringEngineering -

[Redacted]

Login Name:

[Redacted]

### About Your Transaction



If you have any problems logging into or using this site, please contact [Customer Technical Support](#). If you need to review or edit your account information, visit your [Account Summary](#) page.

Transaction Date:

[Redacted]

Order ID:

[Redacted]

Email Address:

[Redacted]

Select Log In Now to go to the Mastering Engineering website.

Select the book (Nilsson, Electric Circuits, 9E

Enter your TCC Student ID

Enter the Course ID (**MEGORDY260** for Paul Gordy's Fall 2012 EGR 260 course)

Select SAVE

MasteringEngineering: User Properties - Windows Internet Explorer

http://session.masteringengineering.com/myct

File Edit View Favorites Tools Help

Favorites Suggested Sites Colleges Engineering Home Improvement

MasteringEngineering: User Properties

If you received a Course ID from your instructor, enter it below to enroll in your instructor's online course. When you join an online course, you will be prompted to enter a Course ID (without entering a Course ID) after selecting a book.

Nilsson, Electric Circuits, 9E [Don't see your book listed?](#)

Go to Study Area

User Properties for Paul Gordy

Login Name:	
First Name:	Paul
Last Name:	Gordy
Email:	
Student ID:	
Course ID:	MEGORDY93322

Save

MasteringENGINEERING Hibbeler, Mechanical Engineering: Statics, 12e

Welcome Paul Gordy (blueridgecyclist@cox.net)

MEGORDY93322

Course Home Page Announcement

Welcome to MasteringEngineering

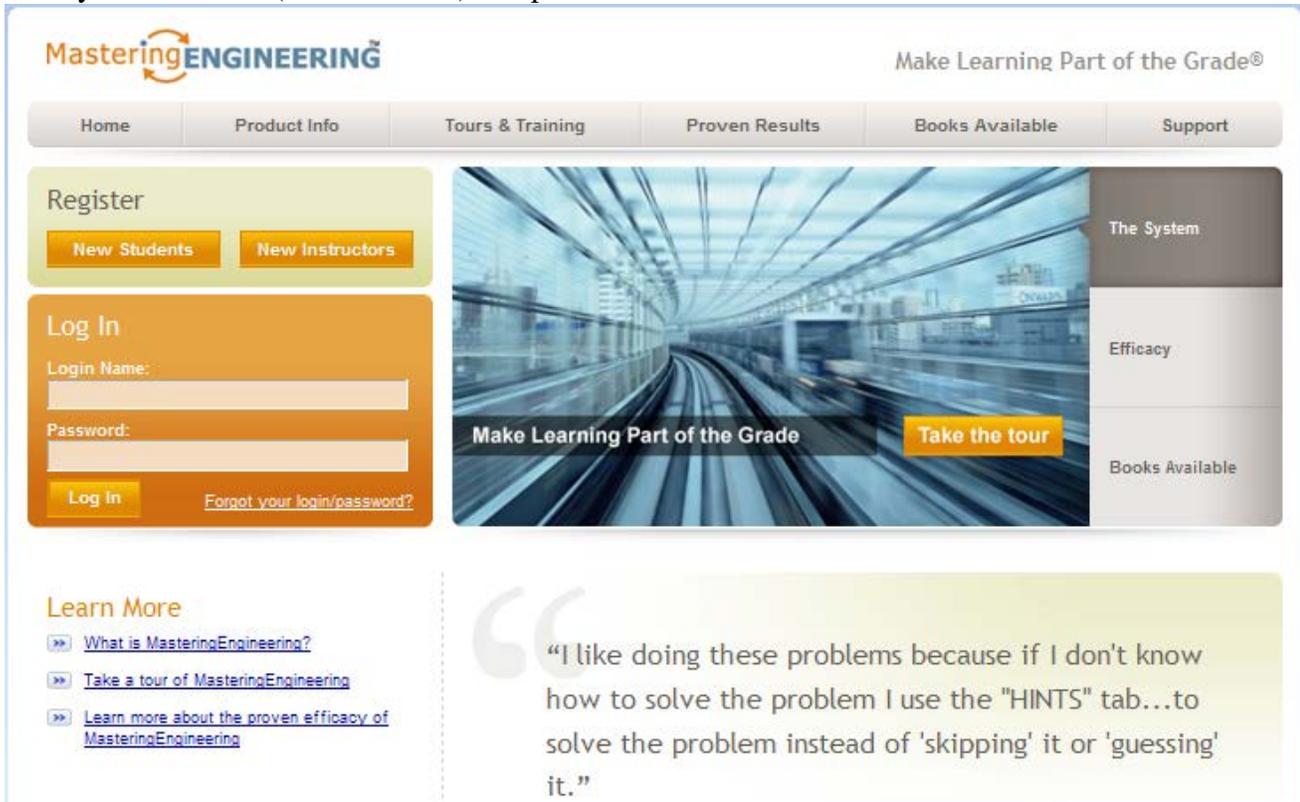
Assignments Scores eText Study Area

PEARSON

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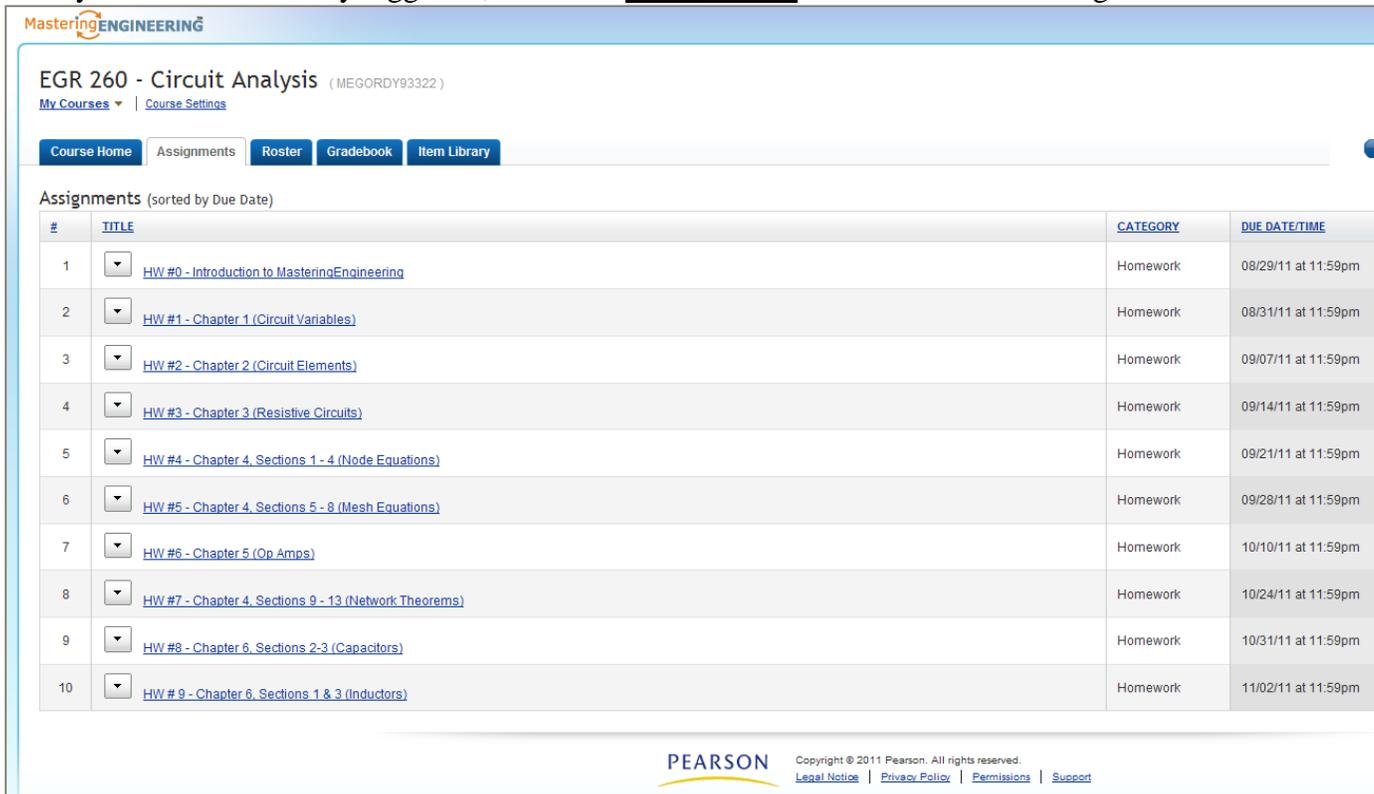
Logging in to Mastering Engineering once you have registered:

Go to [www.masteringengineering.com](http://www.masteringengineering.com)  
 Enter your username (email address) and password.



The image shows the MasteringEngineering website homepage. At the top, the logo "MasteringENGINEERING" is on the left, and the tagline "Make Learning Part of the Grade®" is on the right. Below the logo is a navigation menu with tabs for Home, Product Info, Tours & Training, Proven Results, Books Available, and Support. On the left side, there are sections for "Register" (with buttons for "New Students" and "New Instructors") and "Log In" (with input fields for "Login Name:" and "Password:", a "Log In" button, and a link for "Forgot your login/password?"). In the center, there is a large banner image of a train tunnel with the text "Make Learning Part of the Grade" and a "Take the tour" button. On the right side, there is a vertical menu with options: "The System", "Efficacy", and "Books Available". Below the banner, there is a "Learn More" section with three links: "What is MasteringEngineering?", "Take a tour of MasteringEngineering", and "Learn more about the proven efficacy of MasteringEngineering". To the right of the links is a quote: "I like doing these problems because if I don't know how to solve the problem I use the 'HINTS' tab...to solve the problem instead of 'skipping' it or 'guessing' it."

Once you have successfully logged in, select the **Assignments** tab to view course assignments:



The image shows the MasteringEngineering course page for "EGR 260 - Circuit Analysis" (MEGORDY93322). The page has a navigation menu with tabs for "Course Home", "Assignments", "Roster", "Gradebook", and "Item Library". The "Assignments" tab is selected. Below the navigation menu, there is a section titled "Assignments (sorted by Due Date)" with a table listing 10 homework assignments. The table has columns for "#", "TITLE", "CATEGORY", and "DUE DATE/TIME".

#	TITLE	CATEGORY	DUE DATE/TIME
1	<a href="#">HW #0 - Introduction to MasteringEngineering</a>	Homework	08/29/11 at 11:59pm
2	<a href="#">HW #1 - Chapter 1 (Circuit Variables)</a>	Homework	08/31/11 at 11:59pm
3	<a href="#">HW #2 - Chapter 2 (Circuit Elements)</a>	Homework	09/07/11 at 11:59pm
4	<a href="#">HW #3 - Chapter 3 (Resistive Circuits)</a>	Homework	09/14/11 at 11:59pm
5	<a href="#">HW #4 - Chapter 4, Sections 1 - 4 (Node Equations)</a>	Homework	09/21/11 at 11:59pm
6	<a href="#">HW #5 - Chapter 4, Sections 5 - 8 (Mesh Equations)</a>	Homework	09/28/11 at 11:59pm
7	<a href="#">HW #6 - Chapter 5 (Op Amps)</a>	Homework	10/10/11 at 11:59pm
8	<a href="#">HW #7 - Chapter 4, Sections 9 - 13 (Network Theorems)</a>	Homework	10/24/11 at 11:59pm
9	<a href="#">HW #8 - Chapter 6, Sections 2-3 (Capacitors)</a>	Homework	10/31/11 at 11:59pm
10	<a href="#">HW #9 - Chapter 6, Sections 1 &amp; 3 (Inductors)</a>	Homework	11/02/11 at 11:59pm

At the bottom of the page, there is a "PEARSON" logo and copyright information: "Copyright © 2011 Pearson. All rights reserved." with links for "Legal Notice", "Privacy Policy", "Permissions", and "Support".

## Printing Assignments

Select **Print View** to the right on an assignment so that you can print out the problems. Work on the problems at your own pace and then log in to Mastering Engineering again later to submit the answers.

Select **Print** in the upper right hand corner to print the entire assignment (with no blue Mastering Engineering border).

The screenshot shows the Mastering Engineering interface for an assignment titled "Assignment 2 (Chapter 2)". The page is titled "Boat Statics" and includes a learning goal about expressing unknown forces. A diagram shows a boat at point A with ropes connected to points B, C, D, E, F, and G. The angle between ropes AB and AD is  $\theta$ . A coordinate system with x and y axes is shown. The problem asks for the magnitude of the force provided by the third rope (A to F) in terms of  $\theta$ . Two hints are provided: "Find the forces in the x direction" and "Comparing  $F_{AB}$  with  $F_{AD}$ ". The answer options are  $F_{AD} \cos(\theta)$ ,  $2F_{AD} \cos(\theta)$ , and  $2F_{AD} \sin(\theta)$ . A red box highlights the "Print" button in the top right corner, and another red box highlights the text "Select to Print Entire Assignment" with an arrow pointing to the "Print" button.

## Submitting Answers

Select Assignments and then select the assignment number/name to work on a particular assignment. Introduction to Mastering Engineering was selected below

The screenshot shows the "Assignments for Course 1" page. A table lists various assignments with their due dates and "Print View" links. A red box highlights the "Introduction to Mastering Engineering" assignment, and another red box highlights the text "Select the assignment you wish to work on" with an arrow pointing to the highlighted assignment.

Assignment Title	Date Due	View
Introduction to Mastering Engineering	05/27/10 11:59 pm	Print View
Assignment 1 (Chapter 1)	05/27/10 11:59 pm	Print View
Assignment 2 (Chapter 2)	06/02/10 11:59 pm	Print View
Assignment 3 (Chapter 3)	06/07/10 11:59 pm	Print View
Assignment 4 (Chapter 4)	06/16/10 11:59 pm	Print View
Assignment 5 (Chapter 5)	06/23/10 11:59 pm	Print View
Assignment 6 (Chapter 6)	07/07/10 11:59 pm	Print View
Assignment 7 (Chapter 9 and section 4.9)	07/19/10 11:59 pm	Print View
Assignment 8 (Chapter 10)	07/26/10 11:59 pm	Print View
Assignment 9 (Chapter 8)	07/28/10 11:59 pm	Print View

Select the problem you wish to work on:

MasteringEngineering - Windows Internet Explorer  
http://session.masteringengineering.com/myct  
File Edit View Favorites Tools Help  
Favorites Suggested Sites Colleges Engineering Home Improvement Personal Robotics Software  
MasteringEngineering  
MasteringENGINEERING™ Hibbeler, Mechanical Engineering: Statics, 12e  
Introduction to MasteringEngineering  
Due: 11:59pm on Thursday, May 27, 2010  
Note: You will receive no credit for late submissions. To learn more, read your instructor's Grading Policy  
(Print View)  
Welcome! is for 1 point(s) (full credit)  
Incomplete  
Intro to Numeric Answers is for 1 point(s) (full credit)  
Incomplete  
Intro to Numeric Answers with Units is for 1 point(s) (full credit)  
Incomplete  
Introduction to Symbolic Answers is for 1 point(s) (full credit)  
Incomplete

Answer entered for problem 2A was correct. The answer entered for problem 2B was incorrect. Note the prompt: **Try Again. 3 attempts remaining**. You will have 5 attempts for all problems in this course.

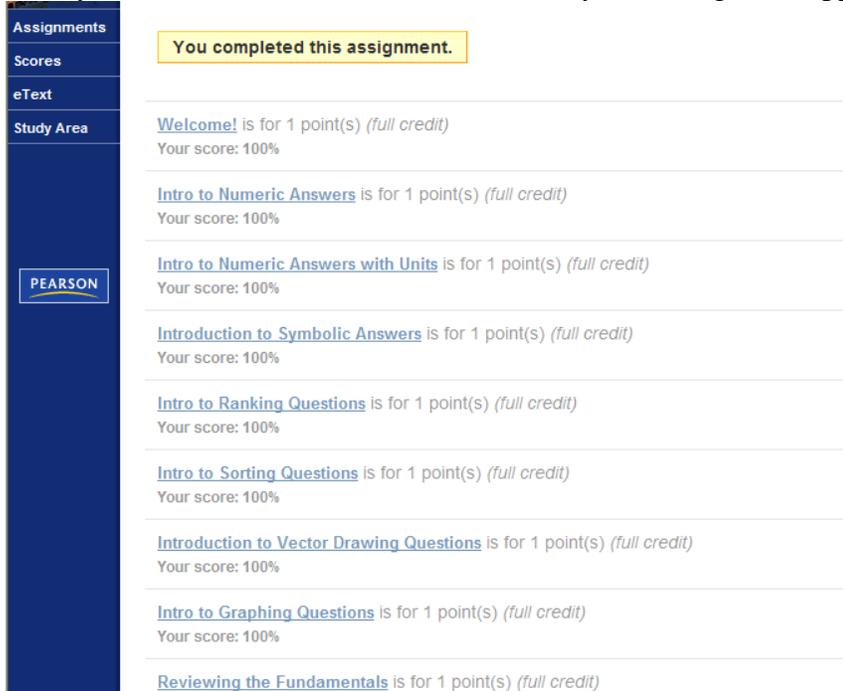
Assignments  
Scores  
eText  
Study Area  
PEARSON  
If you have a gross of items, you have 144 items. If you buy a gross of eggs, how many dozens of eggs do you have?  
Express your answer in dozens. Do not enter the units; they are provided to the answer box.  
number of eggs = 12 dozen  
Correct  
submit hints my answers show answer review part  
Part B  
When entering large numbers in the answer box, do not use commas. For example, if you enter 1,000, you will get a message that your answer has the wrong number of terms.  
What is the sum of 9260 and 3240?  
Express your answer numerically to at least three significant figures.  
sum = 11500  
Try Again; 3 attempts remaining  
submit hints my answers show answer review part

## Finish an assignment later?

You can exit any assignment at any time. Each time you hit submit for a given problem, it is permanently saved. You can work as many or as few problems as you like at any time. You can work the problems in any order.

## Completed Assignment

Once you have submitted all answers correctly, a message will appear that you have completed the assignment.



The screenshot shows a sidebar on the left with navigation options: Assignments, Scores, eText, and Study Area. The main content area displays a list of assignments, each with a score of 100%. A yellow box at the top of the list says "You completed this assignment." The assignments listed are:

- Welcome! is for 1 point(s) (full credit) Your score: 100%
- Intro to Numeric Answers is for 1 point(s) (full credit) Your score: 100%
- Intro to Numeric Answers with Units is for 1 point(s) (full credit) Your score: 100%
- Introduction to Symbolic Answers is for 1 point(s) (full credit) Your score: 100%
- Intro to Ranking Questions is for 1 point(s) (full credit) Your score: 100%
- Intro to Sorting Questions is for 1 point(s) (full credit) Your score: 100%
- Introduction to Vector Drawing Questions is for 1 point(s) (full credit) Your score: 100%
- Intro to Graphing Questions is for 1 point(s) (full credit) Your score: 100%
- Reviewing the Fundamentals is for 1 point(s) (full credit)

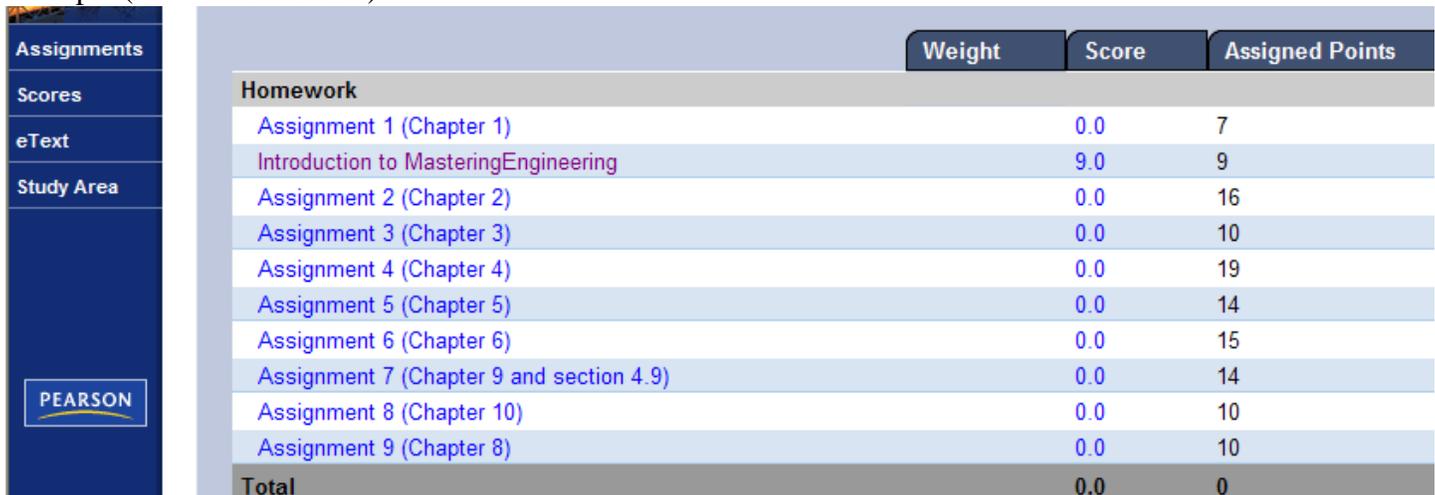
## Checking your grades

Select **Scores** to see your grade on each assignment.

Notes:

- 1) Each assignment will be weighted equally (regardless of the number of problems)
- 2) No late homework will be accepted
- 3) Introduction to Mastering Engineering counts as one of the assignments!

Example (not from this class)



The screenshot shows a sidebar on the left with navigation options: Assignments, Scores, eText, and Study Area. The main content area displays a table of homework assignments. The table has three columns: Weight, Score, and Assigned Points. The assignments listed are:

	Weight	Score	Assigned Points
<b>Homework</b>			
Assignment 1 (Chapter 1)	0.0		7
Introduction to MasteringEngineering	9.0		9
Assignment 2 (Chapter 2)	0.0		16
Assignment 3 (Chapter 3)	0.0		10
Assignment 4 (Chapter 4)	0.0		19
Assignment 5 (Chapter 5)	0.0		14
Assignment 6 (Chapter 6)	0.0		15
Assignment 7 (Chapter 9 and section 4.9)	0.0		14
Assignment 8 (Chapter 10)	0.0		10
Assignment 9 (Chapter 8)	0.0		10
<b>Total</b>	<b>0.0</b>		<b>0</b>