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eGrade Plus

Student Learning Guide

Overview

Welcome to ***eGrade Plus***, an exciting new way to study and learn physics!

eGrade Plus is a combination of an on-line, interactive version of *PHYSICS, 6th ed.* by Cutnell and Johnson and the ***eGrade*** homework management system.

The on-line textbook provides an extensive set of problem-solving help -- all just an easy click away! Here's what you get:

- The entire textbook in a hypertext format with over 10,000 links.
- The complete Student Study Guide and complete Student Solutions Manual fully linked.
- The Interactive LearningWare problem-solving tutorial program.
- Over 100 interactive simulations.

eGrade

The ***eGrade*** system provides a variety of assignments based on your textbook's problems. All assignments offer immediate feedback, and include links directly back to the location in your textbook where the concepts used in the problems are addressed. You can use ***eGrade*** to assess your own progress.

eGrade is also available to your instructor as tool for assigning, collecting, and grading homework or quizzes.

When you register in an ***eGrade*** Plus class, the system sets up a student account for you that is available around the clock and accessible from any web access point.

eGrade Plus uses end-of-chapter problems from your textbook as the basis for assignments. Once assignments are created, you select and complete them, then submit them to the system for automatic scoring.

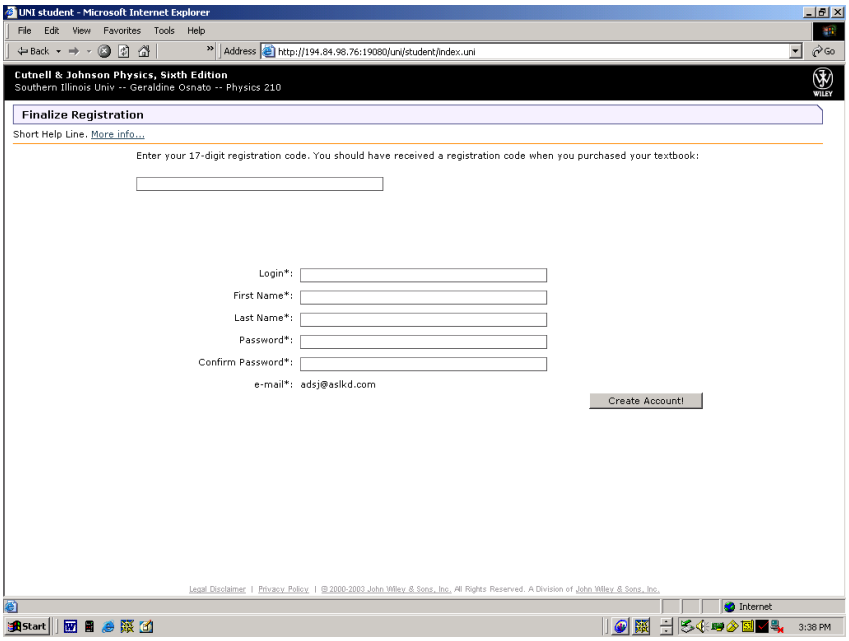
Getting Started

The URL for the ***eGrade Plus*** will be given to you by your instructor. We recommend that you bookmark this page for easy access throughout the term.

When you access the ***eGrade Plus*** URL for the first time, you will be asked to register.

Click on “Register ” and follow these steps:

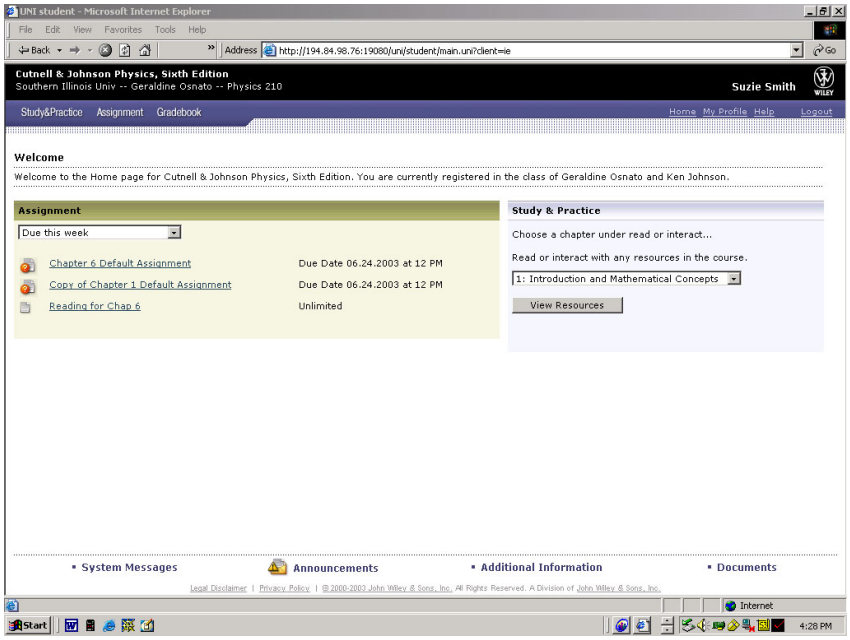
1. Enter the 18-digit alphanumeric registration code exactly as it appears on the inside front cover of this manual. Once you enter this registration code, it cannot be reused. At this time you will create a profile with a personal Username and Password that you will use to login during each visit to the site thereafter.



2. After initial registration, the system will prompt you to enter your Username and Password. Be sure to keep your account access information private from your fellow classmates. Logging in under someone else's account is considered fraudulent behavior, subject to the academic policies and penalties of your individual institution.
3. Once you’ve logged on, you will be returned to the Homepage where you will have a choice of accessing the on-line text, doing practice quizzes, doing an ***eGrade*** Plus assignment, or checking your grades.

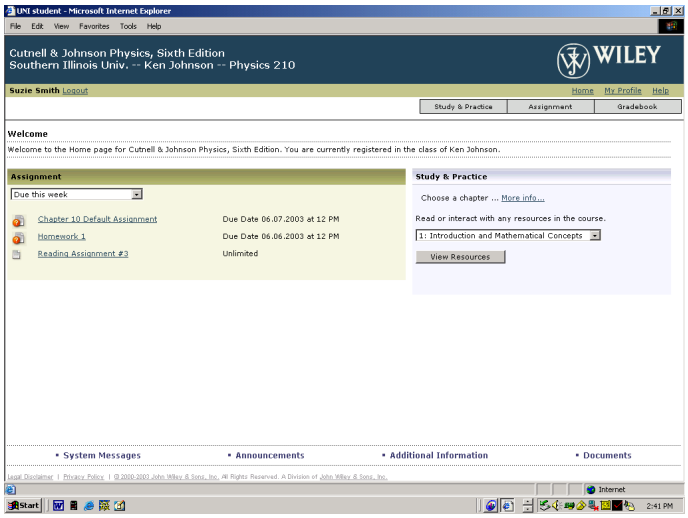
Homepage

Each class homepage is personalized by your instructor.



Check here for class announcements

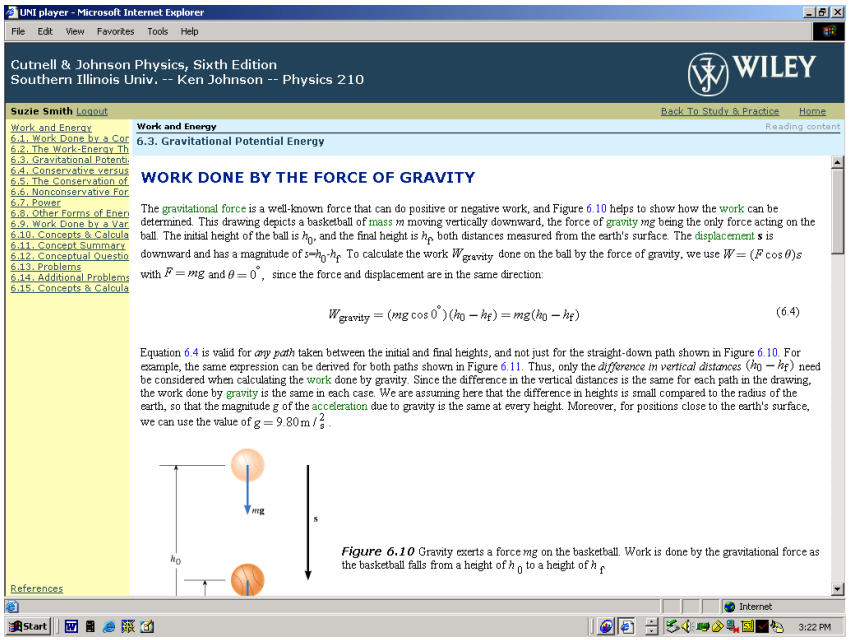
At your class homepage you will be able to access all the resources for your course. You can receive announcements, read text material, and do assignments.



Click on Study & Practice to access the text material and additional resources

Study and Practice

Choose a chapter from the drop down menu and click on "View Resource List." Now using the Resource List, you can go directly to any section of the text. Let's go to Section 6.3. Your screen should now look like this:



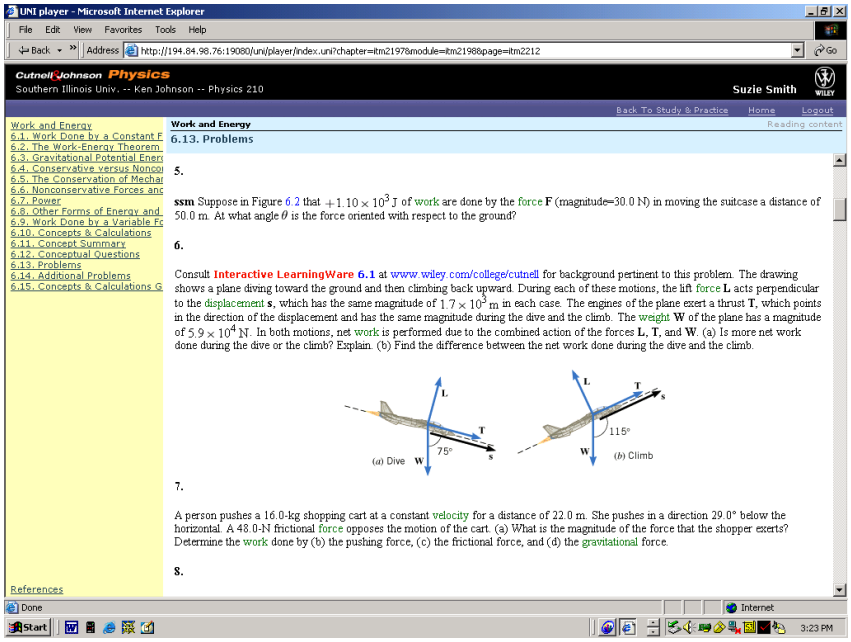
Click on the word "gravity" highlighted in green

Hyperlinks

A very important feature of the Reading Content is the extensive number of hyperlinks. Hyperlinks allow you to move around quickly in the text without having to turn pages. For instance, if you want to refresh your memory on what gravity is, just click on the word "gravity" highlighted in green. This will take you to the place in the text where gravity is discussed in detail.

Problem-Solving Help

The real power of the hyperlinks can best be demonstrated by looking at the end-of-chapter problems. To see this, go back to the Resource List by clicking "Back to Study & Practice" on the top right hand side of the screen. Click on Section 6.13 Problems. Your screen should now look like this:



Click on the **SSM** icon to see a worked solution

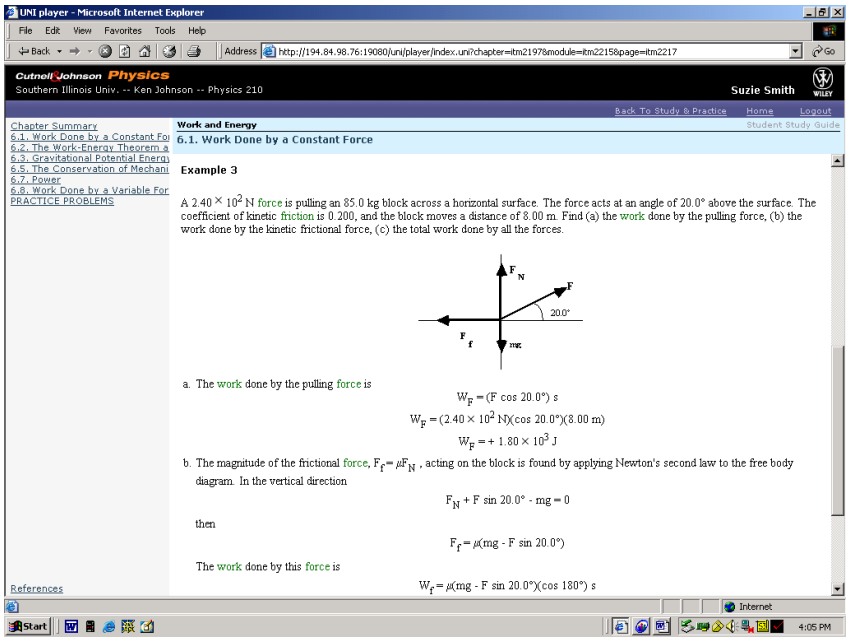
Click on the **Interactive Learning Ware** link to do an example problem

Every problem has one or more links to problem-solving help, such as the "Student Solution Manual" (SSM) and "Interactive Learning Ware" links shown above. Let's take a look at some of the problem solving help you can use.

Go back to the Resource List by clicking "Back to Study & Practice" on the top right hand side of the screen. After the reading content, which is the main text material, you will see other resources listed for that chapter. They include material from the Study Guide, Interactive Solutions, Interactive Learningware,

Concept Simulations, Web Links, and Self Assessment Tests (SAT's).

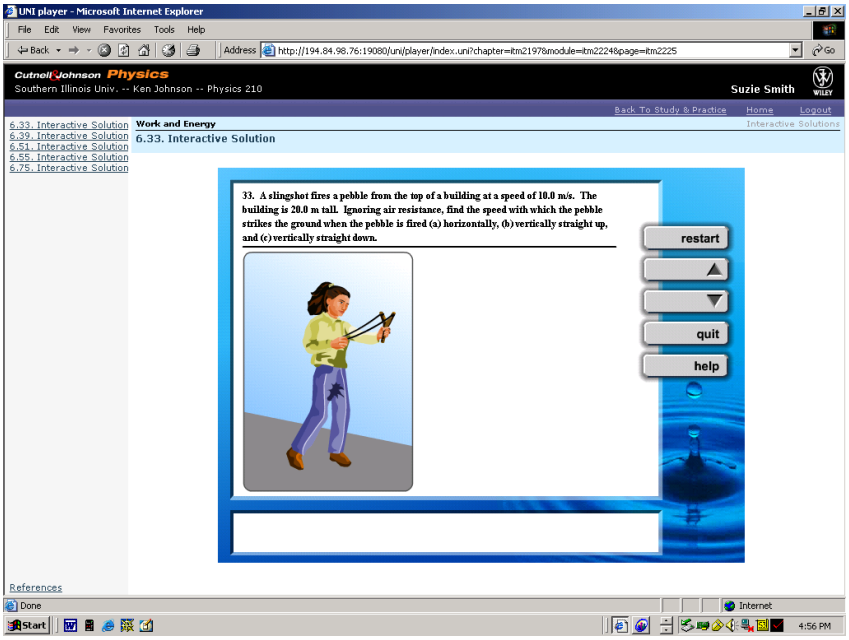
Click on section from the Study Guide.



The key words are highlighted in green here as well

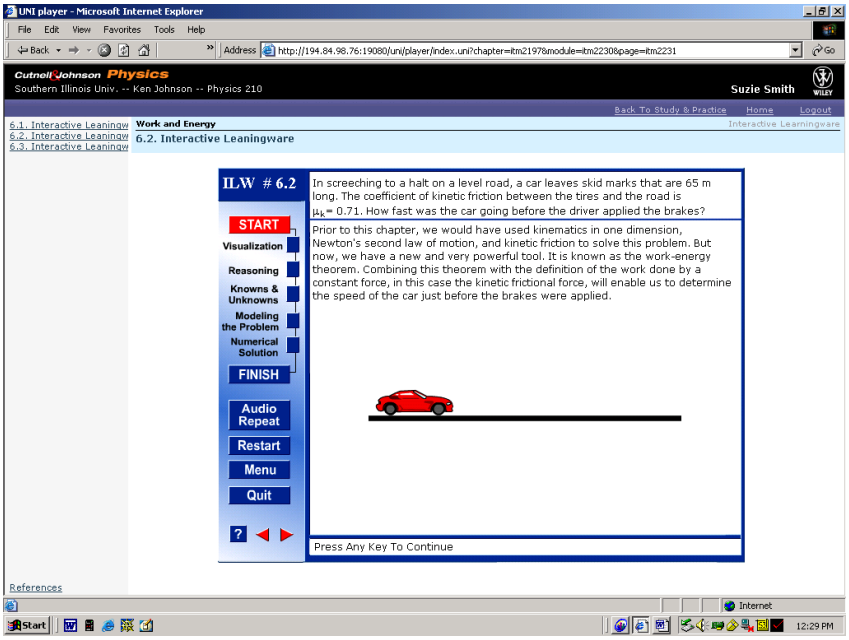
The Study Guide contains a chapter summary, a list of key terms and equations, and a discussion of important sections of the text. There are lots of worked out examples for the important concepts. At the end of each chapter there are practice problems with solutions.

Go back to the Resource List by clicking "Back to Study & Practice" on the top right hand side of the screen. Now click on an Interactive Solution.



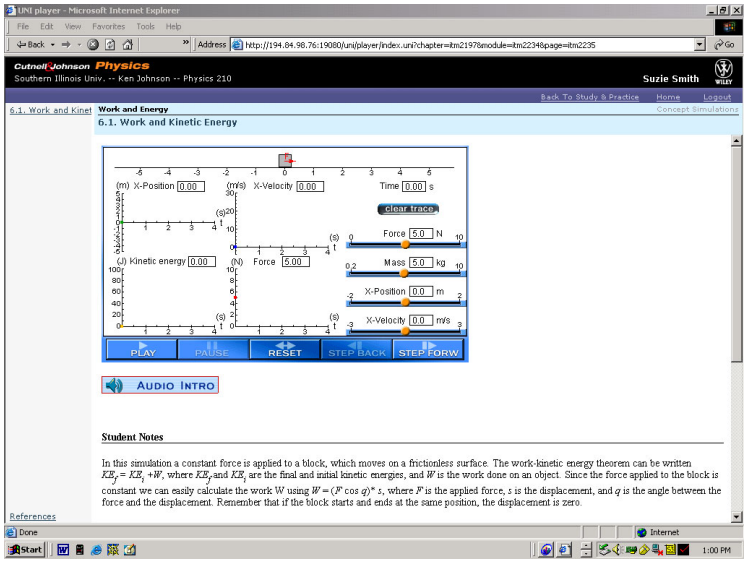
Interactive Solutions present you with a problem and allow you to give your answer or work though a series of steps to discover the solution. If these exercises pertain to an end of chapter problem in your text the problem will be marked with a purple icon.

Go back to the Resource List by clicking “Back to Study & Practice” on the top right hand side of the screen. Now click on an Interactive Learningware.



These interactive calculation examples will help you develop your problem-solving skills. References to these examples are contained in nearly every chapter of the text. Their user-friendly clarity allows you to see how conceptual understanding and quantitative analysis work together in a problem-solving environment.

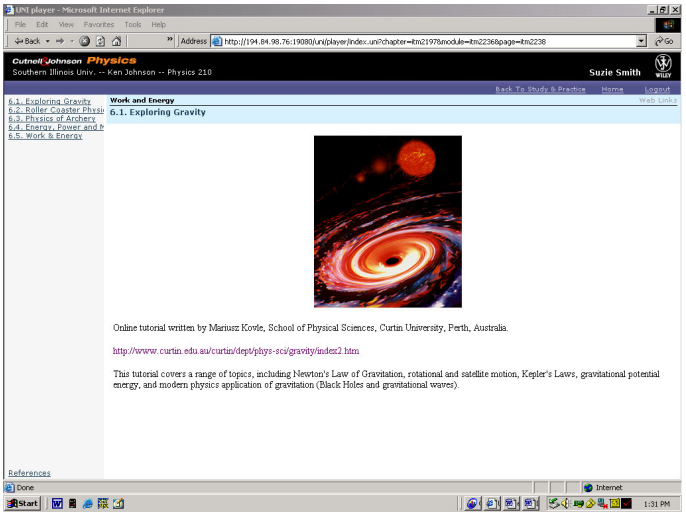
Go back to the Resource List by clicking “Back to Study & Practice” on the top right hand side of the screen. Now click on Concept Simulations.



You can get different results by changing the controls

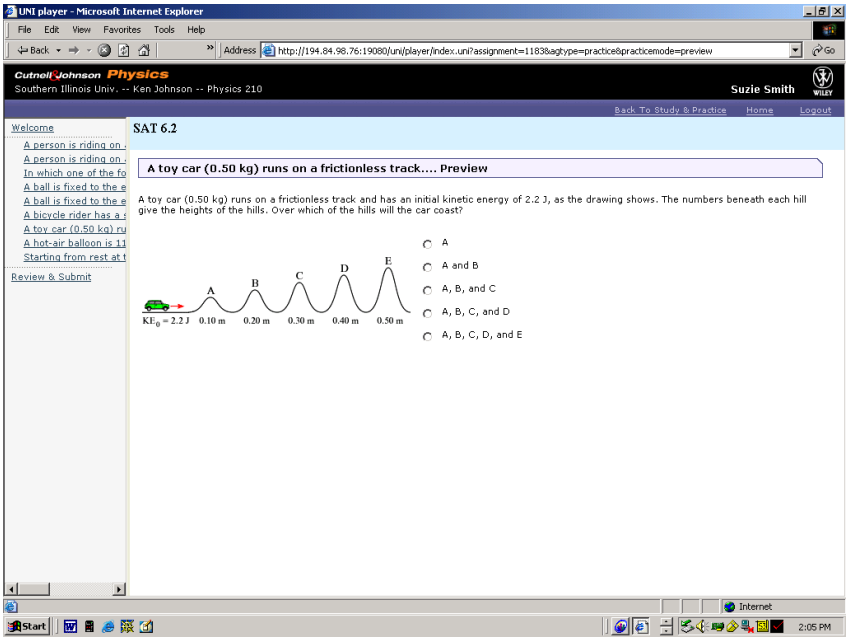
This section consists of interactive simulations. Many concepts in physics – such as relative velocities, collisions, and ray tracing – can be better understood when they are simulated. With each simulation you can experiment, because one or more parameters are under user control.

Go back to the Resource List by clicking “Back to Study & Practice” on the top right hand side of the screen. Now click on a Web Link.



These links, organized by chapter, provide a rich resource of on-line study aids.

Go back to the Resource List by clicking “Back to Study & Practice” on the top right hand side of the screen. Now click on a SAT.

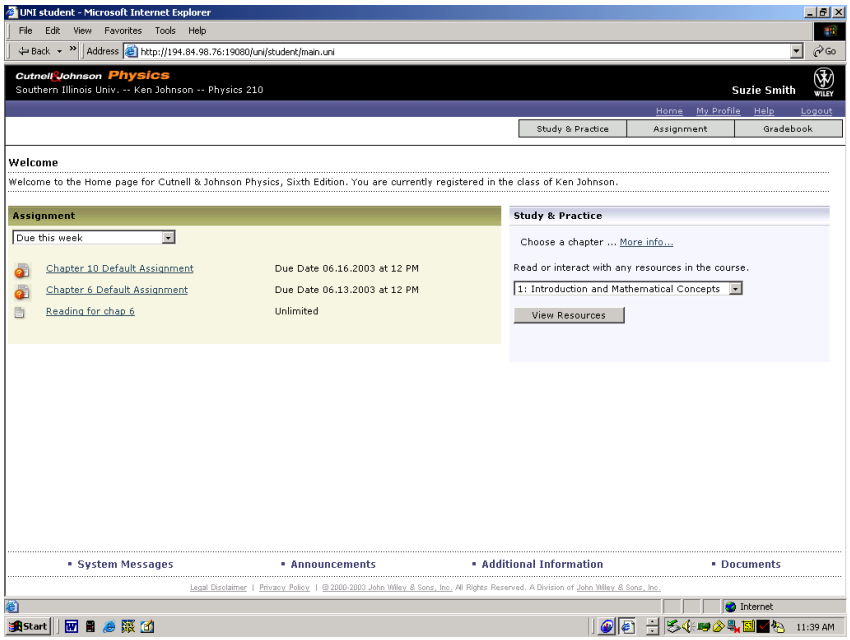


The Self- Assessment Tests are linked directly to specific sections of the text. After you study these sections, the test allows you to assess your understanding of the material immediately. Each test contains thought-provoking conceptual questions as well as calculation problems. You can take the tests as often as you wish. They provide extensive feedback in the form of helpful hints and suggestions when incorrect answers are selected.

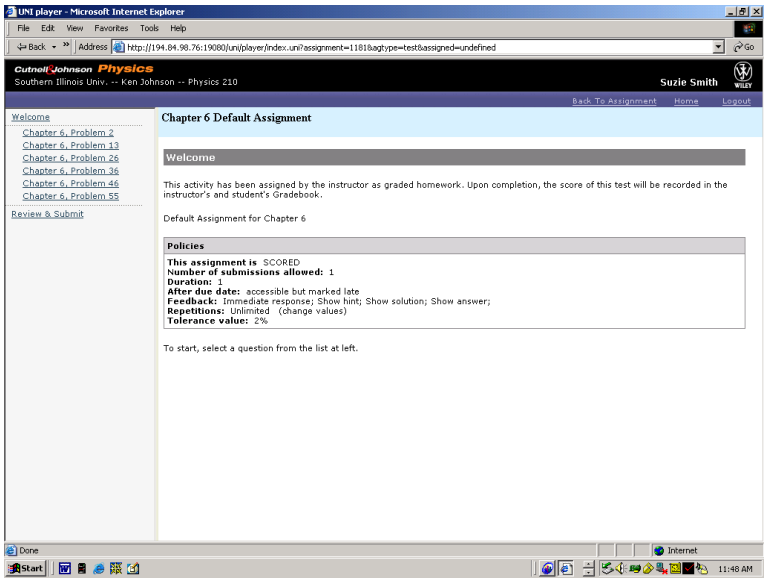
Assignments

From the Home Page you will be able to access assignments created by your instructor. Click on the word "Home" in the upper right hand corner of the screen to return to this page. Your screen should now look like this:

On the left hand side of the screen you will see the assignments due that week



Click on an assignment to open it. On the first page you will see what policies your instructor has set for that particular assignment. Policies include whether the assignment is scored, how many times you can take it, and if it can be submitted after the due date.



Policies for the assignment

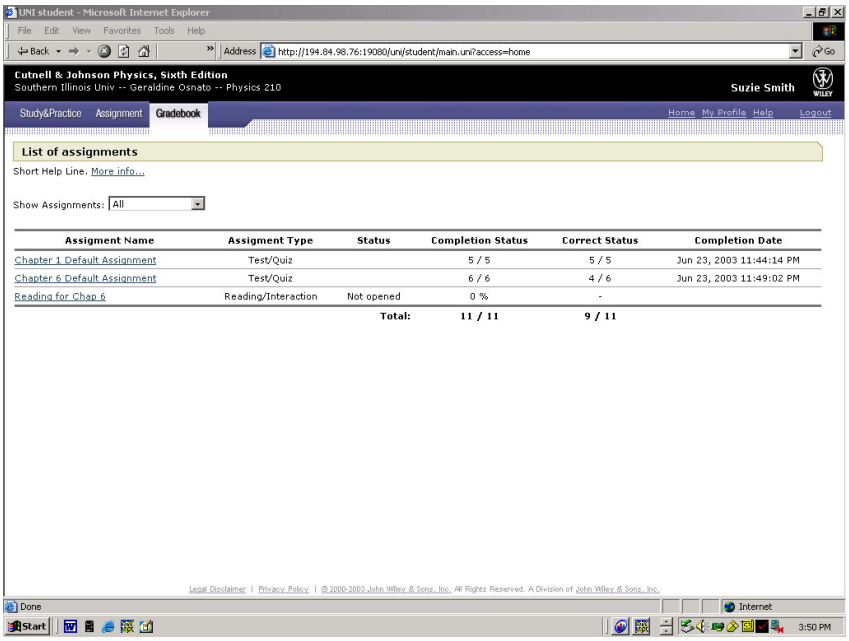
Gradebook

Your Student Gradebook allows you to track progress on assignments and see your scores on scored assignments. Because you may be allowed to repeat questions for practice, and in some cases submit the entire assignment more than once, this information is also given to you in detail.

To see your Gradebook, from the Homepage click on Gradebook in the upper left hand corner. The next screen will display a list of all your assignments. You can use the dropdown menu to display only assignments of a particular type: Scored, Scored-Overdue, or Unscored.

The list displays everything you need to know about your assignments:

- Name – the name given to the assignment by your instructor
- Type – either Questions/Exercises or Reading/Resources (only Questions/Exercises are scored)
- Completion Status – of the items assigned how many you have done
- Correct Status – for scored items how many you got right as a fraction of the total, for example if 5 questions were assigned and you got 4 right the status would be 4/5
- Completion Date – the due date assigned by your instructor



Your Student Profile

You can access your student account from the Class Homepage by clicking on "My Profile" in the upper right side of your screen. Your username and password are required to gain access, so keep that information private from your classmates. Once you are logged into your account, you will have the ability to do the following:

- Change your password
- Change your email address
- Change other profile items such as phone number

Changing Your Password

Once you are inside your User Profile, you have the ability to change your password.

1. Type in a new password
2. Confirm new password by entering it a second time
3. Click “Update Profile”

Your Username: _____ Date: _____
Your Password: _____ Date: _____

Getting Help

The online help system within eGrade will probably answer many of your questions. Access this by clicking on the **Help** button in the upper right hand corner of the screen. A new window will pop up as shown below.

Navigate the help menu by using the folders in the left hand column or do a key word search