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**PHY2048**  
Halliday, Fundamentals of Physics Extended, 8e  
**PHY2048Spring10**

Instructor(s): Rick Field, Katia Matcheva, **ANDREW RINZLER**, Jack Sabin

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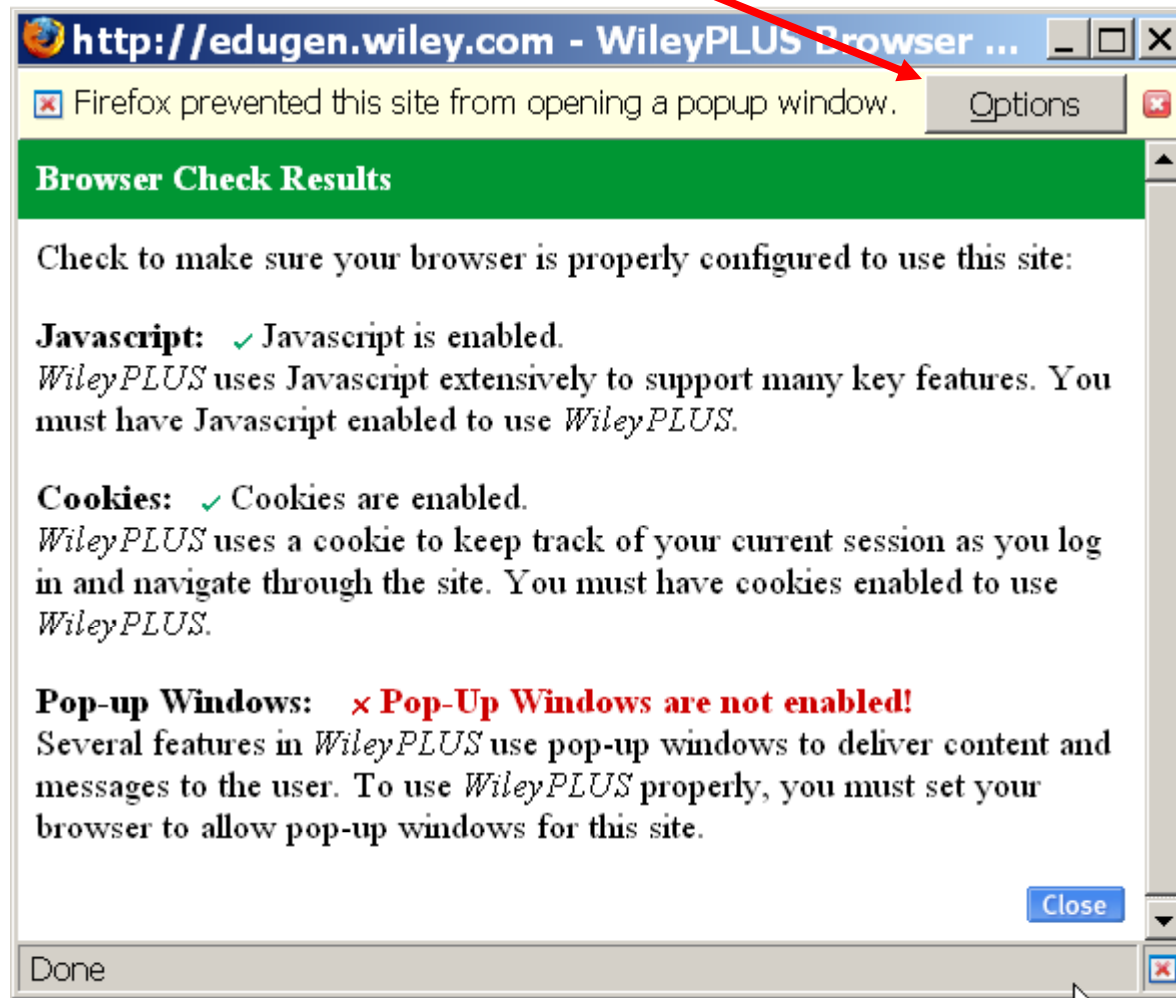
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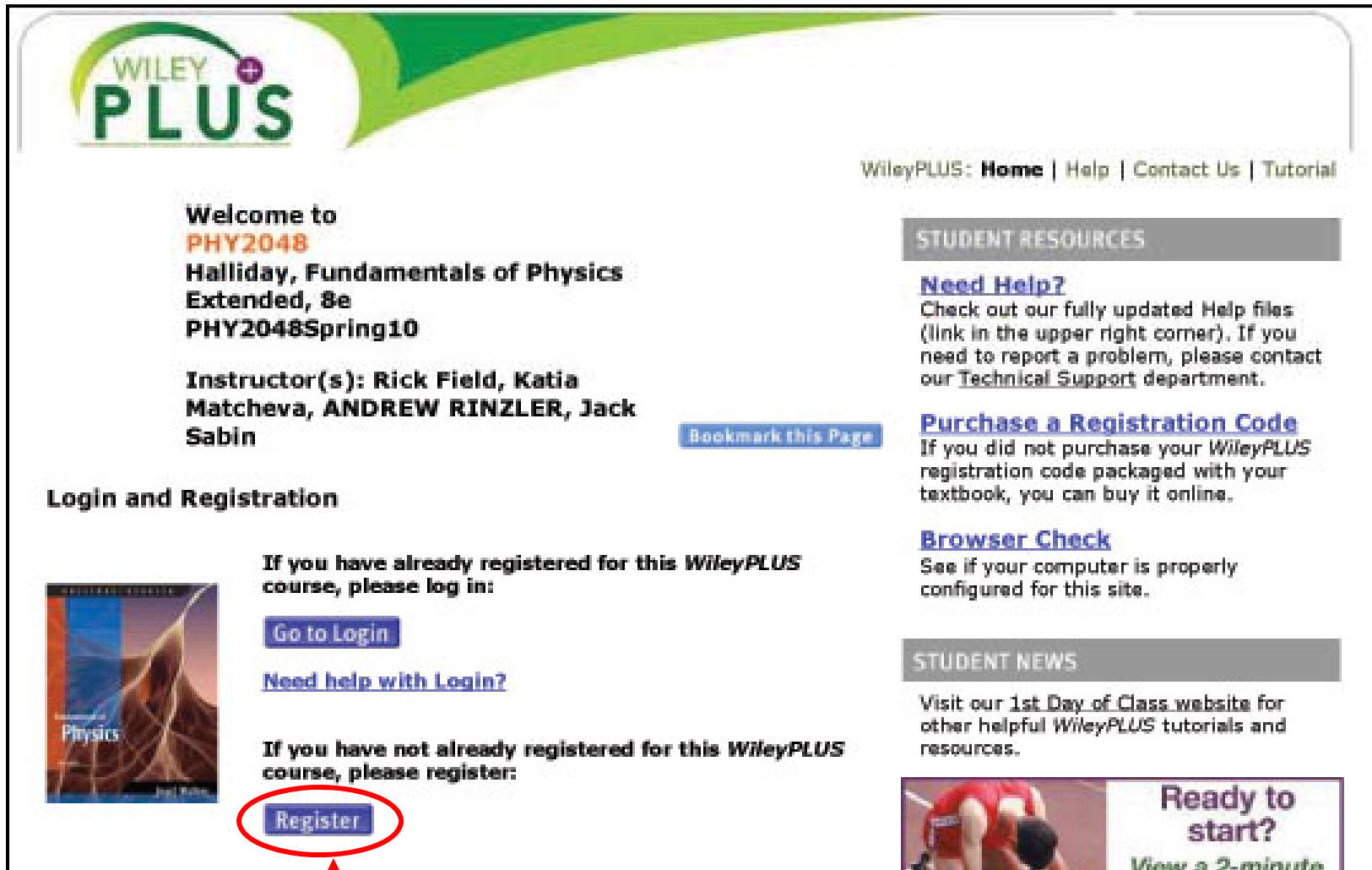
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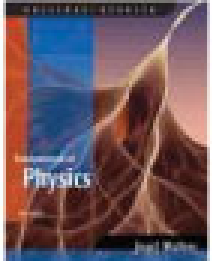
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Extended, 8e  
PHY2048Spring10

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Matcheva, **ANDREW RINZLER**, Jack  
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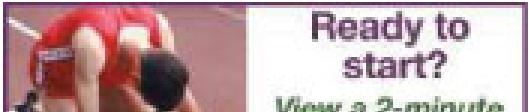
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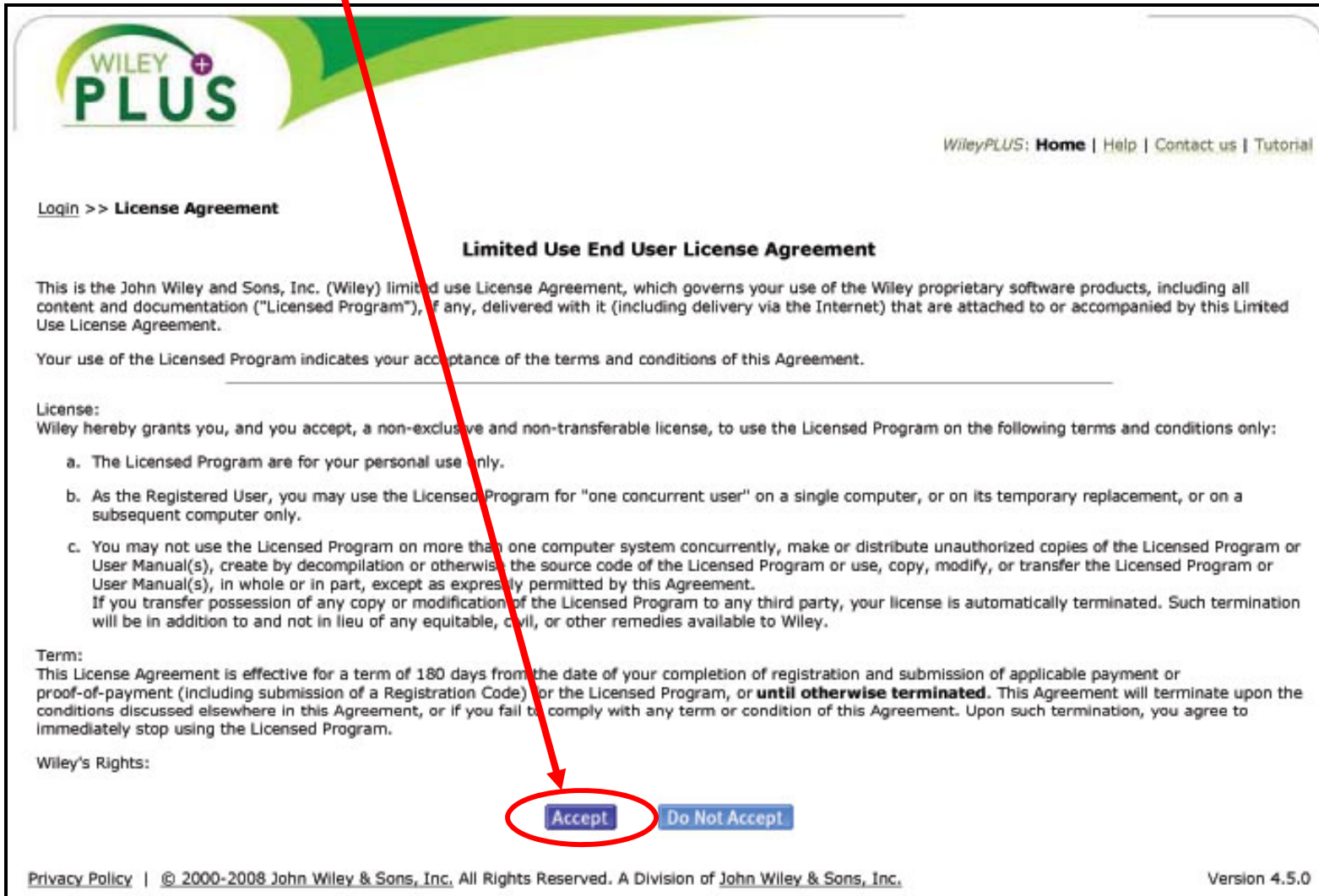
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First Name\*:  First name as it appears on the registrars list for PHY2048

Last Name\*:  Last name as it appears on the registrars list for PHY2048

E-mail\*:  Gatorlink E-mail (i.e. name@ufl.edu)

Re-type E-mail\*:  Gatorlink E-mail (i.e. name@ufl.edu)

Password\*:  Password must be 5 - 25 characters and is case sensitive.

Confirm Password\*:  To confirm the password, please re-type it.

Phone:  Phone

Student Id:  **UF-ID number (8 digits, e.g. 12345678)**

Class: PHY2048Fall08

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**Master Course: PHY2048**  
**Class Section: PHY2048Fall08**  
**Instructor: Rick Field, ANDREW RINZLER**

You can return to the site at any time and use the username and password you created to log in.

**Email: rfield@phys.ufl.edu**

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**Next you will have to enter your access code that came with the hardcopy textbook (option 1) or you have purchased the access code with the on-line text (option 2)!**

DON'T click  
either of these.

Scroll down to find the entry field,

Registration Code - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://edugen.wiley.com/edugen/secure/student/regcode.uni?

The Mozilla Organization Latest Builds

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**1. Enter your registration code:**

-  -  -

**2. Please tell us how you purchased your registration code:**

Purchased the registration code online from Wiley.com

and enter the registration  
code that came with your  
textbook



# Welcome to WileyPlus!

The screenshot shows the WileyPLUS interface for the course PHY2048. At the top, there is a navigation bar with links for Home, My Profile, Help, Contact Us, and Logout. The course title is "Halliday, Fundamentals of Physics Extended, 8e". Below this, there are tabs for Home, Read, Study & Practice, Assignment, and Gradebook. A yellow callout box points to the top right area, stating "WileyPLUS 'bugs' and 'hints' will be posted here!". The main content area includes a welcome message for Rick Field, course details (PHY2048, PHY2048Spring10), and instructor names. There are several sections: "Class Section Announcements" with a link to "HW2 Problem 2-7Q" dated Jan 1, 2010; "Class Section Documents" with a link to "All Information"; "System Announcements" with links for "Welcome to WileyPLUS" (Jun 24, 2009) and "UPDATE! Recent Release of Adobe Flash Player" (Oct 17, 2009). On the right, there are sections for "Read, Study & Practice" (describing readings and resources), "Assignments" (with a link to "This class has 9 assignments"), and "Gradebook" (describing scores and statuses). A purple banner on the right asks "Need technical support?" and says "Click here!". A light blue callout box points to the "Assignments" section, stating "Homework assignments are here!".

If you have trouble email [phy2048@phys.ufl.edu](mailto:phy2048@phys.ufl.edu)

# On-Line Homework Set 1 (Chapters 1 & 2)

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PHY2048

Home | Read, Study & Practice | Assignment | Gradebook

**Assignment**  
Your instructor has created the following assignments for this class. To get started, click on the assignment name below. Assignments whose due dates have passed are shown in red. Assignments that are no longer accessible to you are greyed out. For assistance, go to [Assignment Help](#).

▼ = sort by column ?

Assignment Name	Assignment Type	Due Date	Accessible	Progress
<a href="#">HW1 Spring10</a>	Questions	8 Jan 2010 at 11:00 PM	Yes	Not Attempted
<a href="#">HW2 Spring10</a>	Questions	15 Jan 2010 at 11:00 PM	Yes	Not Attempted
<a href="#">HW3 Spring10</a>	Questions	22 Jan 2010 at 11:00 PM	Yes	Not Attempted
<a href="#">HW4 Spring10</a>	Questions	29 Jan 2010 at 11:00 PM	Yes	Not Attempted

HW Set 1

Due date!

HW0 Spring11 due Friday January 7 (by 11:00pm)

# You see something like this

**Assignment Type**  
Questions/Exercises

**Student Access Settings** Current date: December 24, 2009, 07:30 AM  
Start Date: 24 Dec 2009 at 07:00 AM  
Due Date: 8 Jan 2010 at 11:00 PM  
Student Access After Due Date: Yes. View Only

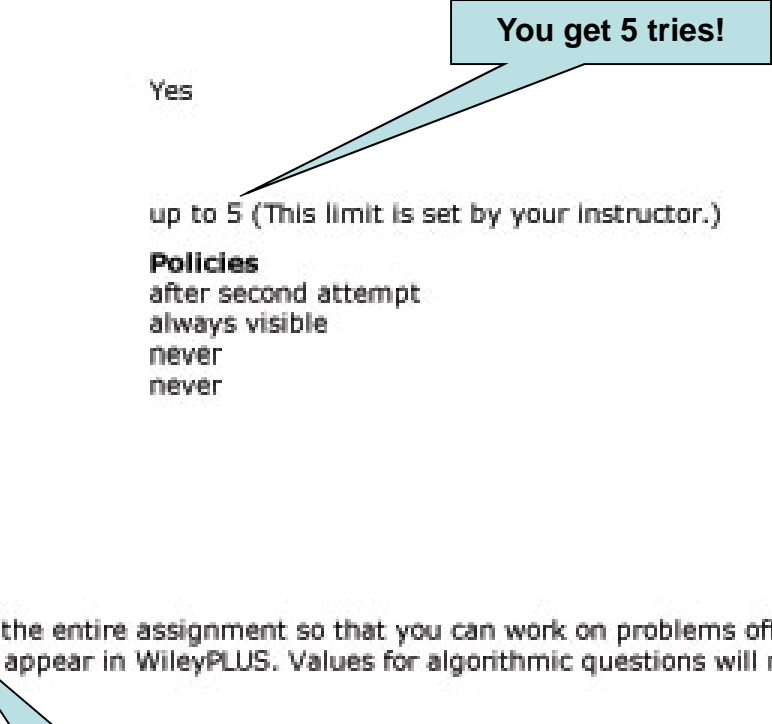
**Assignment Policies**  
Graded: Yes

**Question Policies**  
Attempts per Question: up to 5 (This limit is set by your instructor.)

**Question Assistance**  
Show Hint: Policies  
Show Links: after second attempt  
Show Solution: always visible  
Show Answer: never

**Description/Instructions**

**Print Assignment**  
Your instructor allows you to [print a blank copy](#) of the entire assignment so that you can work on problems offline. Some questions may not print out exactly as they appear in WileyPLUS. Values for algorithmic questions will match those of your first question attempt.



# Example of a HW set

## HW1 Spring10

Start Date: 24 Dec 2009 at 07:00 AM

Due Date: 8 Jan 2010 at 11:00 PM

Student Access after Due Date: Yes, View Only

Graded: Yes

If necessary use  
Scientific Notation:  
1.234e+6  
2.567e-12

### Chapter 1, Problem 5

Earth is approximately a sphere of radius  $6.37 \times 10^6$  m. What are (a) its circumference in kilometers, (b) its surface area in square kilometers, and (c) its volume in cubic kilometers?

(a) Number  Units   
(b) Number  Units   
(c) Number  Units

Must get the answer  
within 2%!

Answer a1: significant digits are disabled; the tolerance is +/-2%

Answer b1: significant digits are disabled; the tolerance is +/-2%

Answer c1: significant digits are disabled; the tolerance is +/-2%

### Chapter 1, Problem 7

Antarctica is roughly semicircular, with a radius of 2000 km (Fig. 1-5). The average thickness of its ice cover is 3000 m. How many cubic centimeters of ice does Antarctica contain? (Ignore the curvature of Earth.)



Fig. 1-5  
Problem 7.

Number  Units

Significant digits are disabled; the tolerance is +/-2%

Some of you will get the problems marked wrong by WileyPLUS because you did not keep enough accuracy!