



EXPERT TA

INSTRUCTOR USER MANUAL

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Logging In

From the Expert TA home website, click on **Log In** in the top right corner of your screen. This will take you to the log in window seen in [Figure 1](#).

The Expert TA uses a two-step login process. On the first screen, enter the username or email address associated with your account and click the **Next** button. If you enter the incorrect username, you will see this message: *“There is no account associated with the username you entered. Please ensure you are entering the full email address that you used to register for Expert TA.”*

Figure 1: Login User Name

Figure 2: Login Password

On the next screen, shown in [Figure 2](#), enter your password and click the **Next** button. This will take you to the main **Class Management** page shown in [Figure 4](#). If you have entered the wrong username or need to log in as a different user, click on the blue words **Log in with a different account**.

If you forget your password, click on the blue words **Request Password Reset Email**. A new screen will appear, see [Figure 3](#), where you will enter your username, and then click on the **Request Reset** button.

To exit from this screen without requesting a new password, use the back arrow key on your browser.

Figure 3: Request Password Reset

Class Management

When you first log in to Expert TA you will be taken to the Class Management page (see). At the top of the page, you will see a blue menu with the words **Class Management**, **Instructor**, and **Help**. In Figure 4 below, you will see an example of the **Class Management** screen which can also be called your home screen. As you navigate our system, you can always click on **Class Management** in the blue bar to return to this screen.

Figure 4: Class Management Screen

The screenshot shows the Class Management interface. At the top is a blue navigation bar with 'Class Management | Instructor | Help'. Below this, there are two dropdown menus: 'Classes' (labeled A) and 'Class Menu' (labeled B). The 'Classes' dropdown is currently set to 'Physics Demo'. Below these is a section titled 'Additional Class Resources' (labeled C) which contains a table of resources. Below that is an 'Assignments' section (labeled D) which contains a table of assignments. At the bottom is a 'Class News' section (labeled E) which contains a table of news announcements. A timestamp at the bottom of the main content area reads 'Time displayed in (UTC-06:00) Central Time (US & Canada)'.

Name	Description
Expert TA: Physics I Video Series	A comprehensive collection of physics videos, designed for the flipped classroom
Expert TA: Physics II Video Series	A comprehensive collection of physics videos, designed for the flipped classroom
UMD PHYS 107 Lab Materials	PDF's of all lab manuals and additional lab resources for Physics 107 at the University of Maryland.

Assignment	Weight	Publish	Start	Due	End	Min	Template
Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM		Instructor Default

Prob #	Weight	Problems
Prob 1	1	Learning Expert TA 01 (Basic Navigation)
Prob 2	1	Learning Expert TA 02 (Symbolic Answers)
Prob 3	1	Learning ETA 01 (alt)
Prob 4	1	Learning Expert TA FBDs
Prob 5	1	Advanced Essay

New Announcement	Date	Message	Action
New Announcement	Jul 12, 2021 11:51 AM	This is where your news announcements can be viewed.	Delete

A: **Classes** – this menu allows you to select the class you want to work on.

B: **Class Menu** – this menu contains many action items needed for creating, editing, and maintaining your class.

C: **Additional Class Resources** – this area contains any additional content, like videos or lab materials, available for the class.



Figure 4 homework 2 is expanded.

Hovering over a problem will display a preview of the problem, see Figure 5.

E: **Class News** – This is where your news announcements will be displayed (see Create News).

Figure 5: Problem Preview

Alg, 3
A quarterback throws a football with an initial velocity v at an angle θ above horizontal. Assume the ball leaves the quarterback's hand at ground level and moves without air resistance. All portions of this problem will produce algebraic expressions in terms of v , θ , and g . Let the origin of the Cartesian coordinate system be the ball's initial position.

a. Write an expression for the magnitude of the football's initial vertical velocity v_{0y} .
b. Find an expression for the magnitude of the football's initial horizontal velocity v_{0x} .
c. Write an expression for the total time, t_{total} , the football is in the air.

4.1.2
4.3.2
4.3.6
5.6.14
4.3.10

1 Dec 28, 2020 12:01 AM
1 Jul 30, 2020 12:01 AM
1 Dec 27, 2017 12:00 AM
1 Dec 27, 2017 12:00 AM
1 Jul 30, 2020 12:01 AM
1 Jul 30, 2020 12:01 AM
1 Jul 30, 2020 12:01 AM
2 Dec 25, 2019 12:00 AM
1 Dec 28, 2016 12:01 AM

Hover over a problem to see a preview

Performing Actions on a Class

There are many actions that you will need to add or maintain a class and you will find these in the **Class Menu**. To perform an action on a class you must first select the class you want to work on from the **Classes** drop-down, see Figure 6.

Figure 6: Classes Drop-Down

Bio 102
Bio 102
ASTR 101
PHYS 202
PHYS 101
BIO 101

The drop-down menu allows you to select your other classes

With the desired class selected you can choose an action from the **Class Menu** drop down shown in Figure 7 below.

Note: if you have only one class it will be automatically selected.

Add/Create a Class

To add a new class, select **Create Class** from the **Class Menu** drop-down (Figure 7) and you will be presented with the pop-up screen seen in Figure 8 below.

Figure 7: Class Menu

Please Select...

Please Select...

Create Class
Edit Class
Create Class Assignment
Student/TA Registration
Create News
View/Manage Class Grades
View/Manage Class Roster
Problem Solutions
Student Practice Area
Copy Assignment/Clone Class
Batch Date/Time Update
Class Analytics

Figure 8: Create/Edit Class

Create/Edit Class

Class Name:

Class Description:

Time Zone: (UTC-06:00) Central Time (US & Canada) ▼

Academic Year: 2021 ▼

Academic Semester: Spring ▼

Subject: Please Select... ▼

Fill in your class name and class description. Then use the drop-down menus to select your **Time Zone**, **Academic Year**, **Academic Semester**, and **Subject**.

Figure 9: Academic Semester or Quarter Selection

Create/Edit Class

Class Name:

Class Description:

Time Zone: (UTC-06:00) Central Time (US & Canada) ▼

Academic Year: 2021 ▼

Academic Semester: Spring ▼

Subject:

- Spring
- Fall
- Summer
- Winter QTR
- Spring QTR
- Fall QTR

In the **Academic Semester** drop-down menu, seen in [Figure 9](#), you will see semester choices and quarterly choices to choose from.

Figure 10: Subject Selection

Create/Edit Class

Class Name:

Class Description:

Time Zone: (UTC-06:00) Central Time (US & Canada) ▼

Academic Year: 2021 ▼

Academic Semester: Spring ▼

Subject: Please Select... ▼

- Please Select...
- Physics
- Biology
- Astronomy
- Other

In the **Subject** drop-down menu, seen in [Figure 10](#), you will select the subject of your class.

When you are finished select the **Save** button to save your creation, or the **Cancel** button to exit the window without saving.

Note: The **Academic Semester** and **Subject** choices are particularly important because they will affect the class pricing for the students.

Editing a Class

To edit a class, select the class you want to edit from the **Classes** drop-down on the **Class Management** page, and then select the **Edit Class** option from the **Class Menu** drop-down (Figure 7). This will take you to a pop-up screen, like the one you used to create the class, but the fields will be populated with the class information (see Figure 11). When you have finished making any desired changes, click either the **Save** button to save the changes or the **Cancel** button to leave without saving any changes.

Figure 11: Edit a Class

Create/Edit Class

Class Name:

Class Description:

Time Zone:

Academic Year:

Academic Semester:

Subject:

[Configure my Class for LMS Integration](#)

At the bottom of this pop-up screen, you will notice a blue link [Configure my Class for LMS Integration](#). LMS integration is needed for software like Canvas and Blackboard. Since not everyone uses this feature, we have created a separate document with detailed instructions that can be found on our website at <https://theexpertta.com/lms-integration/>.

Create News

You may occasionally want to broadcast news to your entire class, such as notice of an upcoming test or holiday. To do this select **Create News** from the **Class Menu** drop down (Figure 7) on the **Class Management** screen. A pop-up window will open and allow you to enter news announcements (Figure 12). Enter a title for your news announcement in the **Title** line and type your announcement in the **Body** section. When you are finished click on the **Save** button to save your news announcement or click on the in the upper right-hand corner to exit without saving.

Figure 12: Create News

Create News

Title:

Body:

The news announcement is displayed in the **Class News** window at the bottom of the **Class management** page (Figure 13). Announcements have a time and date stamp and are listed in the order they are posted, with the most recent announcement/news listed at the top. To delete news, click on the blue **Delete** to the far right of the announcement.

Figure 13: Class News

Class News

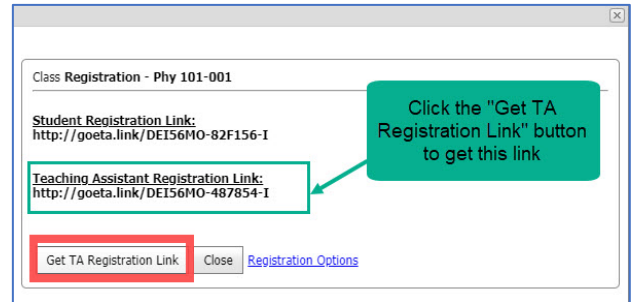
time stamp test	Holiday	News	Delete
Jan 04, 2021 9:53 AM		New video posted for Geometric Optics.	Delete
May 02, 2014 3:43 PM		No class on November 12	Delete
Nov 16, 2011 4:35 PM		Test II Moved to Wednesday	Delete
Nov 16, 2011 4:28 PM		Please remember to bring your book to class.	Delete

Delete News

Student/TA Registration

Expert TA uses Registration Links to register students and TAs into their courses. Registration links are unique to each individual class created in Expert TA. To view the registration information for your class, first select your class from the **Classes** drop-down on the **Class Management** page. Then select **Student/TA Registration** from the **Class Menu** drop-down. A pop-up window will appear and display the **Student Registration Link**, see [Figure 14](#). If you have a TA that needs to register for your class, click on the **Get TA Registration Link** button and the **Teaching Assistant Registration Link** will appear under the **Student Registration Link**.

Figure 14: Student/TA Registration Links



Note: Take great care with the TA registration link as it provides nearly instructor level access to the class.

Student Registration

Simply provide the registration link to your students. [Expert TA: Student Registration Instructions](#) are available at the end of this document and include detailed step by step instructions on the registration process.

Note: If you provide the **Student Registration Link** on a syllabus, make sure to update the link information before distribution at the start of a new term.

TA Registration

Simply provide the **Teaching Assistant Registration Link** to your TA and follow the [Expert TA: Student Registration Instructions](#) at the end of this document. The registration process for a TA is identical to the student, with the exception that the TA will not see a payment screen because there is no fee associated with the TA registration.

Note: If the TA previously used Expert TA as a student with the same email address, please contact your Account Manager to have their account re-created for full TA access.

Restrict Enrollment

By default, the system assumes you want open and unrestricted enrollment. You can restrict the enrollment by clicking on the blue words [Registration Options](#) in the **Student/TA Registration** window shown in [Figure 14](#). This will take you to a screen, as seen in [Figure 15](#) below, which will allow you to limit the enrollment into your class. Below you will find explanations of what each check box will do.

Figure 15: Restrict Enrollment

- A. **Open Enrollment Validation** – Students will only be able to register from the start date to the end date. To use click the checkbox, set your **Start Date** and **End Date**, and click the **Save** button at the bottom.
- B. **User/Email Suffix Validation** – This requires that any students registering for a class have a matching suffix in their user/email login name. For example, if all of your students have an @university.edu email, then you could use @university.edu in this field, so that abc123@university.edu would validate but abc123@gmail.com would not. To use click on the check box, enter the email suffix in the field provided, and click the **Save** button at the bottom.
- C. **Roster Validation** – this setting requires that all users registering for a class have a matching user/email address in the registration roster. To use follow the step-by-step instructions below.
 - a. Click on the check box for **Roster Validation**
 - b. Click on the **Upload Registration Roster** button
 - c. After you click on the **Upload Registration Roster** button, a pop-up box will appear (see [Figure 16](#)).
 - d. Choose your file by clicking on the **Choose File** Button (file should be in string mode and csv format)
 - e. Upload the file by clicking on the **Upload** button
 - f. After you have uploaded your roster, a sample of your data will appear (see [Figure 17](#)). If you wish to continue with the upload, click the **Save** button to save your roster or click the **Cancel** button to discard your changes.

Figure 16: Registration Roster Upload

Figure 17: Registration Roster Preview

FirstName	LastName	StudentNo	Email
Joe	Smith	578966	jsmith@university.edu
Sue	Sunshine	527338	ssunshine@university.edu
Betty	Boop	894633	bboop@university.edu
Sargent	Pepper	366871	spepper@university.edu

View/Manage Class Roster

To see a list of the students currently registered for your selected class, select **View/Manage Class Roster** from the **Class Menu** (Figure 7) on the **Class Management** page (see Figure 18).

Figure 18: Class Roster

Class Management

Instructor

Help

Class:

Phy 101-001

Roster

?

For help on this page click here.

Total: 23

#	Student Name	User Name	Student ID	Role ID	Payment	Status	Grade Sheet	Registration Date	Registration	Disability
Edit	b, a	s9876@student.com	c	student	Complete Paid \$0.00	Active	Hidden 01-04-18	11/15/2017 10:57:00 AM	Complete	None
Edit	Chovanec, Anna	i02s02@student.com	123456789	student	Complete Paid \$0.00	Active	Shown	1/7/2015 4:09:00 PM	Complete	None
Edit	Curran, Jennifer	James@student.com	4567890123	student	Complete Paid \$0.00	Active	Shown	11/8/2017 12:34:00 PM	Complete	None
Edit	Duston, Chris	cduston@gmail.com	456789	teachingassistant	Waiting	Active	Shown	7/27/2018 11:09:00 AM	Complete	None
Edit	Erdos, Paul	i02s04@student.com	1	student	Complete Paid \$0.00	Active	Shown	5/6/2020 10:06:00 PM	Complete	50%
Edit	eta, ta	ta@theexpertta.com	1234567890	teachingassistant	Complete Paid \$0.00	Active	Hidden 03-30-16	4/29/2015 3:24:00 PM	Complete	None
Edit	Euler, Leonhard	i02sp1@student.com	$e^{-i\pi} + 1 = 0$	student	Complete Paid \$32.50	Active	Shown	5/6/2020 10:04:00 PM	Complete	None

To edit information on each student, click on the blue **Edit** to the left of the student's name. This will expand the student information into a window where their information can be edited (see Figure 19).

Figure 19: Edit Student Info

Chovanec, Anna	i02s02@student.com	123456789	student	Complete Paid \$0.00	Active	Shown	1/7/2015 4:09:00 PM	Complete	None
----------------	--------------------	-----------	---------	----------------------	--------	-------	---------------------	----------	------

Student Name:

Last Name:*

First Name:*

Middle Name:

User Name:

Student ID:* **A**

Active Status: ☒ **B**

Show In Grade Sheet: ☒ **C**

Disability Settings - % extra time allowed on timed assignments: **D**

To save changes click "Update" or click "Cancel" to discard changes

Update Cancel

- Student ID** – this field can be edited when necessary (see [Editing Student ID Number](#) for more information)
- Active Status** – uncheck this and it will drop the student from your class and **Grade Sheet** (see [Dropping Students from your Class](#) for more details)
- Show In Grade Sheet** – uncheck this and the student will be hidden in your **Grade Sheet** (see [Hiding Students in your Grade Sheet](#) for more details)
- Disability Settings** – adding a percentage of time here will add that time to any timed assignment (see further description in [Students with Disabilities](#))

Editing Student ID Number

In many cases the Student ID is used to match up grades when exporting and importing grades into other programs such as Blackboard, Desire2Learn and Moodle. If a student enters in the wrong ID or leaves this information out, it can cause errors when trying to do such imports and exports. While students do have an interface that allows them to change their own Student ID, and you can request that they all get their own information accurate, errors may still occur. The edit screen will allow you to change the Student ID to avoid those errors.

Hiding Students in your Grade Sheet

You can decide here whether to show the student in your grade sheet. If a student has dropped or is auditing your class, you can hide them in your grade sheet by unselecting the **Show In Grade Sheet** checkbox, see Figure 19. This will keep their grades from being included in any grade exports. This action can be reversed by selecting the **Show In Grade Sheet** checkbox.

Note: Hidden students still have full access to the class and can see their grades, your class material, take assignments, view solutions, etc.

Dropping Students from your Class

You can also change the student's status from active to dropped by unselecting the **Active Status** checkbox, see [Figure 19](#). This will cut off that student's access to your class entirely and remove them from your grade sheet. The student will not have access to any of your course materials. This action can be reversed by selecting the **Active Status** checkbox to reinstate them back to the class fully.

Students with Disabilities

Many students need additional time for timed assignments. For these cases you can set an extra time percentage (from 0 to 100 percent) for a student in your class roster, see [Figure 19](#). This extra time percentage will then be afforded automatically for the student on **ALL** timed assignments that are created during the semester. Example Case: If you set a student's extra time at 50, then that student would be allowed 150% of the amount of time as all the other students in the class (90 minutes for a 60-minute test). You can key in this percentage or use the up/down arrow keys to change it in increments of five percent.

Once you have completed editing the settings for this student, click on either [Update](#) to save the settings or [Cancel](#) to exit without saving in the bottom right corner of the window (see [Figure 19](#)).

Viewing and Managing the Grade Sheet

From the **Class Management** page, select **View/Manage Class Grades** from the **Class Menu** (see [Figure 7](#)) drop-down.

The **Grade Sheet** below ([Figure 20](#)) shows each student's individual grades on homework, quizzes, and tests completed to date. In the light blue bar, you can see the weight of each assignment. This page can be sorted or filtered by **Last Name**, **First Name**, **Email**, **Student ID Number**, or **Section**. To see all the grades for a single student, click on any of the blue links with their information. To see all the grades for a particular section, click on the section name or number in blue. To see more detail for a particular assignment, click on the assignment header and you will be taken to the **Assignment Grade Spreadsheet** ([Figure 22](#)).

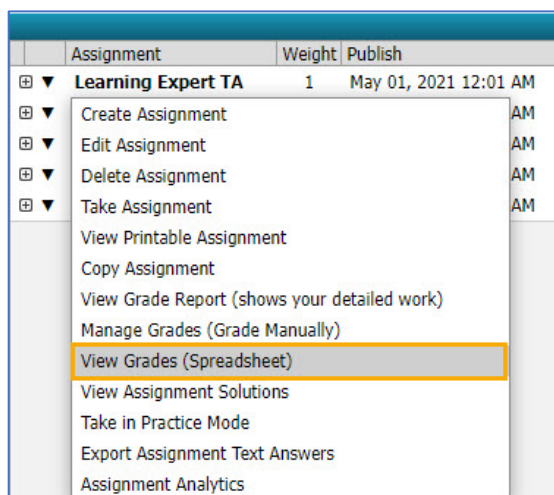
Figure 20: Grade Sheet

The screenshot shows the 'Class Management' page for 'Phy 101-001'. It features a search bar, a 'Points View' checkbox, and an 'Export to: CSV' button. Below the search bar is a table with columns for student information and assignment grades. Annotations are as follows: A points to the search bar; B points to the assignment headers; C points to the student information columns; D points to the section column.

Last	First	Email	Student No	Section	(01) Intro to Expert TA	(02) homework 1	(03) Quiz 1	(04) homework 2	(05) homework 3	(06) FBD
Chovanec	Anna	i02s02@student.com	123456789		0	94.07	10.55	88.59	38.9	
Current	Jennifer	james@student.com	4567890123		0	0	0	0	0	
Erdos	Paul	i02s04@student.com	1		0	98.46	0	97.36	0	
Euler	Leonhard	i02sp1@student.com	$e^i \pi + 1 = 0$	A01	0	0	0	0	0	
Mayer	Maria	i02s09@student.com	1963Nobel	A01	0	0	0	0	0	
Morton	Jeremy	jeremy2@theexpertta.com	1234567890		0	0	0	0	0	
Newton	Isaac	s657@student.com	6674×10^{-11}	A01	0	0	0	0	0	
Ramanujan	Srinivasa	abc@student.com	1729	A01	0	0	0	0	0	
Sanchez	Vickey	i02s03@student.com	345678901		0	55.82	0	60.45	0	
Shapiro	Elena	Elena@gmail.com	7890123456		0	0	0	0	0	
Singh	Ramandeep	i02s10@student.com	123456786		0	95.93	0	85.93	0	
Strickland	Donna	s012020@student.com	2018Nobel	A01	0	0	0	0	0	
Averages					0	28.69	0.88	27.69	3.24	

- Sort and Filter Columns
- Assignment Names – click to enter the assignment
- Click on any of these items to see the grades for a single student
- Click on the Section name/number to see grades for only that section

Figure 21: View Grades (Spreadsheet)



The **Assignment Grade Spreadsheet** can also be found by going to the **Class Management** page, clicking the down arrow next to the assignment, and selecting **View Grades (Spreadsheet)**, as seen in **Figure 21**.

The **Assignment Grade Spreadsheet** screen, in **Figure 22** below, shows the grades accomplished on each problem in the assignment and the weighted averages.

Figure 22: Assignment Grade Spreadsheet

The screenshot shows the 'Assignment Grade Spreadsheet' for 'Phy 101-001 homework 1'. It features a table with student information and grades for six problems. Annotations include a pink box pointing to the 'Problem weights' header, a green box pointing to the 'Weighted averages' column, and a yellow box pointing to a grade cell with the text 'Click on a grade to see more details'.

Last	First	Email	Student No	Section	Prob (01)	Prob (02)	Prob (03)	Prob (04)	Prob (05)	Prob (06)	Averages
Chovanec	Anna	i02s02@student.com	123456789		1.00	1.00	1.00	1.00	1.00	1.00	Problem Weight
Current	Jennifer	James@student.com	4567890123		98	97.17	92	92	89	96.25	94.07
Erdos	Paul	i02s04@student.com	1		0	0	0	0	0	0	0
Euler	Leonhard	i02sp1@student.com	$e^{\pi i} + 1 = 0$	A01	94	100	100	100	98	98.75	98.46
Mayer	Maria	i02s09@student.com	1963Nobel	A01	0	0	0	0	0	0	0
Morton	Jeremy	jeremy2@theexpertta.com	1234567890		0	0	0	0	0	0	0
Newton	Isaac	s657@student.com	6674×10^{-11}	A01	0	0	0	0	0	0	0
Ramanujan	Srinivasa	abc@student.com	1729	A01	0	0	0	0	0	0	0
Sanchez	Vickey	i02s03@student.com	345678901		44.5	65.33	17	0	0	68.75	55.82
Shapiro	Elena	Elena@gmail.com	7890123456		0	0	0	0	0	0	0
Singh	Ramandeep	i02s10@student.com	123456786		93.5	97.17	92	96.67	97.5	98.75	95.93
Strickland	Donna	s012020@student.com	2018Nobel	A01	0	0	0	0	0	0	0
Averages					27.5	29.97	25.08	29.33	30.04	30.21	28.69

Points View

You can also view grades as points, instead of a percentage. To view grades as points, simply click on the **Points View** check box. In **Figure 23**, you can see that Anna Chovanec received an 89% on problem 4. Since the problem is worth three points, the student earned 2.67 points. In this view, the far-right column displays the total number of points earned instead of the average. To see even more detail, select the student's grade and you will be taken to the manual grading screen (see **Figure 33**).

Figure 23: Points View

The screenshot shows the 'Points View' for 'Phy 101-001 homework 2'. A red box highlights the 'Points View' checkbox, which is checked. The table displays points earned for each problem instead of percentages.

Last	First	Email	Student No	Section	Prob (01)	Prob (02)	Prob (03)	Prob (04)	Prob (05)	Total Points: 10.00
Chovanec	Anna	i02s02@student.com	123456789		1.50	2.00	2.50	3.00	1.00	Problem Weight
Current	Jennifer	James@student.com	4567890123		1.46	1.99	1.84	2.67	0.9	8.86
Erdos	Paul	i02s04@student.com	1		0	0	0	0	0	0
Euler	Leonhard	i02sp1@student.com	$e^{\pi i} + 1 = 0$	A01	1.47	1.99	2.41	2.96	0.92	9.75
Mayer	Maria	i02s09@student.com	1963Nobel	A01	0	0	0	0	0	0
Morton	Jeremy	jeremy2@theexpertta.com	1234567890		0	0	0	0	0	0
Newton	Isaac	s657@student.com	6674×10^{-11}	A01	0	0	0	0	0	0
Ramanujan	Srinivasa	abc@student.com	1729	A01	0	0	0	0	0	0
Sanchez	Vickey	i02s03@student.com	345678901		0.97	1.67	1.29	1.62	0.5	6.05
Shapiro	Elena	Elena@gmail.com	7890123456		0	0	0	0	0	0
Singh	Ramandeep	i02s10@student.com	123456786		0.73	1.95	2.26	2.68	0.98	8.6
Strickland	Donna	s012020@student.com	2018Nobel	A01	0	0	0	0	0	0
Averages					0.39	0.63	0.65	0.83	0.28	2.77

Working with Sections

Expert TA makes it easy to work with large classes that have recitation or lab sections. You will be able to assign homework or quizzes to the entire class but will be able to view and manage grades based on sections. Expert TA inputs the section names/identifiers while setting up your class. Students specify their section as part of the registration process by choosing from a drop-down list of the valid sections.

Note: If you would like to add sections to a class, please contact your Account Manager.

Figure 24: Sorting by Sections

Sort by sections or filter to show grades for selected sections

Last	First	Email	Student No	Section	Prob (01)	Prob (02)	Prob (03)	Prob (04)	Prob (05)	Prob (06)	Prob (07)	Prob (08)	Averages
70485					100	98.5	100	98.5	100	96.25	100	97	98.78
63441					92.67	100	100	97	99.5	70.25	86.5	94	92.49

Exporting Grades

You can easily export grades to manage them from a program, like EXCEL, by selecting the format from the **Export To** drop-down and then clicking the **Save** button (Figure 25). You can utilize Sort and Filter options within the **Grade Spreadsheet**. Figure 24 above shows how you could display the grades for students only in section “63427” of the large class.

Figure 25: Exporting Grades

To export select the format from this drop down

Last	First	Email	Student No	Section	(01) Intro to Expert TA	(02) homework 1	(03) Quiz 1	(04) homework 2	(05) FBD	(06) FBD
Chovanec	Anna	j02s02@student.com	123456789		0	94.07	10.55	88.59	38.9	
Current	Jennifer	James@student.com	4567890123		0	0	0	0	0	
Erdos	Paul	j02s04@student.com	1		0	98.46	0	97.36	0	
Euler	Leonhard	j02sp1@student.com	e^i*pi + 1 = 0	A01	0	0	0	0	0	

Manage Grades (Grade Manually)

The **Manage Grades (Grade Manually)** option will open a student’s grade report and is designed for instructors to change grades, create an extension, reset problem attempts, or assess student responses to open-ended questions.

The manual grading screen can also be accessed from the **Class Management** screen by clicking the down arrow next to the assignment and selecting **Manage Grades (Grade Manually)** from the assignment menu (Figure 26).

Figure 26: Manage Grades (Grade Manually)

Assignment	Weight	Publish
Learning Expert TA	1	May 01, 2021 12:01 AM

- Create Assignment
- Edit Assignment
- Delete Assignment
- Take Assignment
- View Printable Assignment
- Copy Assignment
- View Grade Report (shows your detailed work)
- Manage Grades (Grade Manually)**
- View Grades (Spreadsheet)
- View Assignment Solutions
- Take in Practice Mode
- Export Assignment Text Answers
- Assignment Analytics

Figure 27: Basic Grade Report

The **Basic Grade Report** screen allows you to see a detailed view of the problem the student received, the last answer the student entered for the problem (or problem part), and the grade the student received (see [Figure 27](#)).

Expanded Grade Report Screen

The **Expanded Grade Report** screen, see [Figure 28](#), contains additional details that are not automatically available in the **Basic Grade Report** like correct answers and a detailed submission history.

Grade View - homework 2

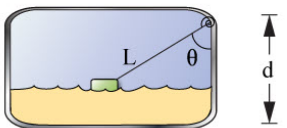
Previous Next Student: Chovanec, Anna ☐ Show Correct ☐ Expand Submission History and Grade Summary

Extension: Publish Start Due End Solution Visible Publish Until

Problem 1: The fuel tank on a car is $d = 0.44$ m tall. The fuel level in the tank is detected by a $L = 0.67$ m arm that is free to rotate about a pivot at an upper fuel tank corner. Its sensor end floats at the surface of the fuel as indicated in the diagram

Randomized Variables

$d = 0.44$ m
 $L = 0.67$ m



Part (a) Derive an expression for the sensor height, h , above the horizontal tank bottom as a function of L , d and θ (the angle between the arm and the vertical tank wall).

Student Answer
 $h = d - L \cos(\theta)$

Grade 100 Comments sdfghj Grade Change Apply Grade Reset Attempts

Grade Override: sdfghj
+ Grade Summary and Submission History

Figure 28: Expanded Grade Report

Class Management | Instructor | Help

Switch to Part Centric View

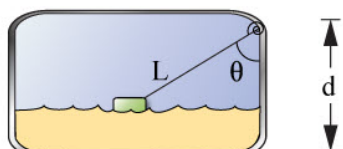
Students: Chovanec, Anna Previous Next Student: Chovanec, Anna ☒ Show Correct ☒ Expand Submission History and Grade Summary

Extension: Create Publish Start Due End Solution Visible Publish Until

Problem 1: The fuel tank on a car is $d = 0.44$ m tall. The fuel level in the tank is detected by a $L = 0.67$ m arm that is free to rotate about a pivot at an upper fuel tank corner. Its sensor end floats at the surface of the fuel as indicated in the diagram

Randomized Variables

$d = 0.44$ m
 $L = 0.67$ m



Part (a) Derive an expression for the sensor height, h , above the horizontal tank bottom as a function of L , d and θ (the angle between the arm and the vertical tank wall).

Correct Answer
 $h = d - L \cos(\theta)$

Student Answer
 $h = d - L \cos(\theta)$

Grade 100 Comments sdfghj Grade Change Apply Grade Reset Attempts

Grade Override: sdfghj
+ Grade Summary and Submission History

Grade = 100%

Grade Summary

Deduction for Final Submission 0%

Deductions for Incorrect Submissions, Hints and Feedback [?] 0%

Student Grade = 100 - 0 - 0 = 100%

Date	Time	Answer	Hints	Feedback
1 Jan 31, 2013	10:00 PM	$h = d$		
2 Jan 31, 2013	10:00 PM	$h = d - L \sin(\theta)$	<ul style="list-style-type: none"> -A sketch of the tank and arm, with all variables clearly indicated, may prove useful. -What is the trigonometric function that relates the length of the side of a right triangle adjacent to an angle θ to the triangle's hypotenuse? -In terms of L and θ, what is the length of the portion of the tank adjacent to θ that is above the fuel line? Is this length h? 	<ul style="list-style-type: none"> Pay careful attention to trigonometric relationships and how they affect components of the terms in your expression.
3 Jan 31, 2013	10:00 PM	$h = d - L \cos(\theta)$		

- A. **Show Correct Answer** checkbox – when checked this displays the **Correct Answer** next to the final **Student Answer** in the grade report
- B. **Expand Submission History and Grade Summary** checkbox – when checked this expands the grade report to show every student answer submission, any hints or feedback the student used, and any deductions taken (including late work when available).
- C. Grade Change area – see [Grade Changes](#) for additional information
- D. **Reset Attempts** button – see [Reset Attempts](#) for additional information
- E. **Create an Extension** – you can create an extension for a student by clicking Create. More information about creating extensions is provided in ([Managing Extensions for a Student](#)).

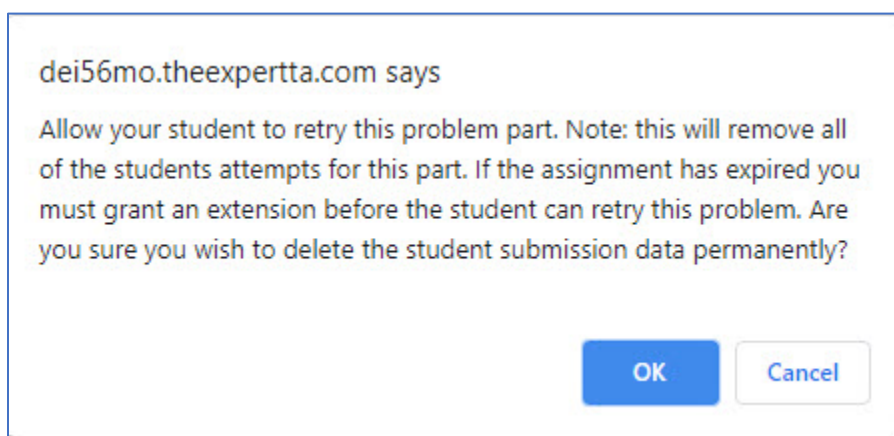
Grade Changes

You can change the grade that a student made on a problem, or problem part, by typing a number between 0 and 100 in the grade box or by using the up/down arrows. Add any comments you feel are necessary (not required), and then click the **Apply Grade** button to save your changes. When a grade has been overridden, a highlighted notation will appear on the grade sheet.

Reset Attempts

You can also reset the student's ability to submit answers for a problem, or problem part, by clicking on the **Reset Attempts** button. A message box, like the one in [Figure 29](#), will appear. To continue with the reset, click on the **OK** button or click the **Cancel** button to Cancel.

Figure 29: Reset Attempts Confirmation



Part Centric View

Part Centric View option is designed for instructors to quickly apply mass grade updates or assess student responses to open-ended questions. To access part centric view, click on Switch to Part Centric View in the upper left-hand corner of the Grade Report Screen, see [Figure 30](#).

Figure 30: Switching to Part Centric View

The screenshot shows the 'Grade View - homework 2' interface. At the top, there is a navigation bar with 'Class Management | Instructor | Help'. Below this, a yellow box highlights the 'Switch to Part Centric View' button. A callout box with an arrow points to this button, containing the text 'Click here to switch to Part Centric View'. The main content area is divided into two sections: 'Students' on the left and 'Problem 1' on the right. The 'Students' list includes names like Chovanec, Anna; Curren, Jennifer; Duston, Chris; Erdos, Paul; Euler, Leonhard; Mayer, Maria; morton, jeremy; Newton, Isaac; Ramanujan, Srinivasa; Sanchez, Vickey; Shaprio, Elena; Singh, Ramandeep; and Strickland, Donna. The 'Problem 1' section contains a description of a fuel tank problem, randomized variables $d = 0.44$ m and $L = 0.67$ m, and a diagram of a fuel tank with a sensor arm of length L at an angle θ from the vertical, with a height d from the bottom. The diagram is credited to ©theexpertta.com.

Next, you will see a screen with the problems and their parts listed like a table of contents ([Figure 31](#)). Click on the problem or problem part to see a list of your students and their grades on the problem and part you have selected, like [Figure 33](#) below.

Figure 31: Part Centric View

The screenshot shows the 'Part Centric View' interface. At the top, there is a navigation bar with 'Class Management | Instructor | Help'. Below this, a yellow box highlights the 'Switch to Assignment Centric View' button. A callout box with an arrow points to this button, containing the text 'Click here to go back to the Basic Grade Report'. The main content area is divided into two sections: 'Problem Part' on the left and 'Grade View - homework 2' on the right. The 'Problem Part' section lists two problems: 'Prob 1 : 1 (4.1.2)' and 'Prob 2 : 1 (4.3.2)'. Each problem has four parts (a, b, c, d) with descriptions of the tasks. The 'Grade View - homework 2' section shows a table of contents for the selected problem and part. A green box on the right side of the screen contains the text: 'Part Centric View displays the problems and their parts similar to a table of contents.'

In **Figure 32** below, hovering over a student's name will display the student's information. You can switch problems or problem parts by clicking on the down arrow or the blue underlined problem. You can also switch back to the Basic Grade Report by clicking Assignment Centric View near the upper left corner. Clicking on an individual student's name will reveal their grade report for the associated problem and part (**Figure 33**).

Figure 32: Part Centric View Problem Part

Class Management | Instructor | Help

Switch to Assignment Centric View

Problem Part

Grade View - homework 2

Student	Grade	Comment
Chovanec, Anna	100	sdfghj
Current, Jennifer	-	-
Duston, Chris	-	-
Erdos, Paul	95	hadfidas
Euler, Leonhard	-	-
Mayer, Maria	-	-
morton, jeremy	-	-

Grade: 100

Options: ☒ grade override for total part [?]

Apply Grade

Reset Attempts

Comments

Individual Student Data

Name: morton, jeremy

Email: jeremy2@theexpertta.com

StudentNo: 1234567890

Disability: None

Grade:

Comments:

- Switch back to the Basic Grade Report by clicking here
- Easily change to another problem part in the assignment in this drop-down menu
- Hovering over a student name will display the student's information

In the manual grading screen, seen in **Figure 33** below, you can see the student's answers, including any hints and feedback they used. Reset attempts is also available in this screen by clicking on the **Reset Attempts** button.

Grade Override

Lastly, see **Figure 33**, notice the checkbox labeled **grade override for total part [?]**. Before you change a grade, there are two options to consider.

- Leave the box selected. This will override the student's grade for the entire part, so that the value in the Grade box will become the student's grade. This will remove any deductions previously assessed for incorrect answers, hints, feedback, or late work. **This option is selected by default, and we recommend you leave it selected.**
- Unselect the box. This will affect only the student's final answer credit. Any deductions previously acquired for incorrect answers, hints, feedback, and late work will be deducted from the edited grade entered.

Once you have determined the type of grade modification you would like to make, you can edit the student's grade by using the up and down arrows or by typing a number between 0 and 100 in the box. Add any comments you feel are necessary (not required) and then click on the **Apply Grade** button to save the changes. When a grade has been overridden you will see a highlighted notation.

Note: The grade value and comments associated with a change will remain in the same state as you navigate to different students. This will allow mass updates to be made quickly without opening separate grade reports for each student. IF you are assessing open-ended questions, be sure to update the grade and comments as necessary for each individual student.

Figure 33: Grading Manually Problem View

Class Management | Instructor | Help

Switch to Assignment Centric View

Problem Part: Prob 1: 1 (4.1.2) Part a

Grade View - homework 2

For help on this page click here.

Student Grade Comment

Student	Grade	Comment
Chovanec, Anna	100	sdfoh
Current, Jennifer	-	-
Duston, Chris	-	-
Erdos, Paul	95	hadfidas
Euler, Leonhard	-	-
Mayer, Maria	-	-
Morton, Jeremy	-	-
Newton, Isaac	-	-
Ramanujan, Srinivasa	-	-
Sanchez, Vickey	67	-
Shapiro, Elena	-	-
Singh, Ramandeep	95	-
Strickland, Donna	-	-

View All Answers

Grade: 100

Options: ☒ grade override for total part [?]

Apply Grade

Reset Attempts

Comments

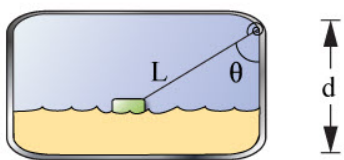
Individual Student Data

Chovanec, Anna - i02s02@student.com

Problem 1: The fuel tank on a car is $d = 0.44$ m tall. The fuel level in the tank is detected by a $L = 0.67$ m arm that is free to rotate about a pivot at an upper fuel tank corner. Its sensor end floats at the surface of the fuel as indicated in the diagram

Randomized Variables

$d = 0.44$ m
 $L = 0.67$ m



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Part (a) Derive an expression for the sensor height, h , above the horizontal tank bottom as a function of L , d and θ (the angle between the arm and the vertical tank wall).

Grade = 100%

Grade Override: sdfoh

Correct Answer: $h = d - L \cos(\theta)$

Student Final Submission: $h = d - L \cos(\theta)$

Feedback: Correct!

Grade Summary

Deduction for Final Submission: 0%

Deductions for Incorrect Submissions, Hints and Feedback [?]: 0%

Student Grade = 100 - 0 - 0 = 100%

Submission History

All Date times are displayed in Central Standard Time. Red submission date times indicate late work.

Date	Time	Answer	Hints	Feedback
1 Jan 31, 2013	10:00 PM	$h = d$		
2 Jan 31, 2013	10:00 PM	$h = d - L \sin(\theta)$	-A sketch of the tank and arm, with all variables clearly indicated, may prove useful. -What is the trigonometric function that relates the length of the side of a right triangle adjacent to an angle θ to the triangle's hypotenuse? -In terms of L and θ , what is the length of the portion	• Pay careful attention to trigonometric relationships and how they affect components of the terms in your expression.

- Edit a student grade or manually grade problem here
- Grade override for total part [?]** checkbox – see [Grade Override](#) for more information
- Reset Attempts** button – see [Reset Attempts](#) for more information
- Detailed grade report including any hints or feedback accessed. Any grade override comments are highlighted.

Managing Assignments

Create an Assignment

First, select the class you want to create the assignment in from the **Classes** drop-down. (See [Figure 34](#), if there is only one class it will already be selected). Select **Create Class Assignment** from the **Class Menu** drop-down. This will take you to the **Assignment Edit/Create** window, as seen in [Figure 35](#).

Figure 34: Create Class Assignment

Class Management | Instructor | Help

If you have more than one class, select your class by using this drop-down

Classes

Physics Demo

Class Menu

Please Select...

Please Select...

Create Class

Edit Class

Create Class Assignment

Student/TA Registration

Create News

View/Manage Class Grades

View/Manage Class Roster

Problem Solutions

Student Practice Area

Copy Assignment/Clone Class

Batch Date/Time Update

Class Analytics

Additional Class Resources

Name	Description
Expert TA: Physics I Video Series	A comprehensive collection of physics videos, designed for the flipped classroom
Expert TA: Physics II Video Series	A comprehensive collection of physics videos, designed for the flipped classroom
UMD PHYS 107 Lab Materials	PDF's of all lab manuals and additional lab resources for Physics 107 at the Unive

Assignments

Assignment	Weight	Publish	Start	Due	End	Min	Template
▼ Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM		Instructor Default

Figure 35: Assignment Edit/Create Window

Class Management | Instructor | Help

Physics Demo

For help on this page click here

Save Only | Save And Exit | Undo Changes | Delete Assignment | Printable Assignment | View Solutions | Extensions | Security

Assign. Name: Weight: Grade Template: Integrity Temp.:

Description:

Add Question Pool | Add To | Expand

Problems

Prob #	Weight
A	
B	
C	

Books

Expert TA: Introduction to Physics

Chapters

Expert TA System

Filter by Problem Difficulty and Type

☒ All Problems ☐ 1 Easy ☐ 2 Medium-Easy ☒ All Problems ☐ Algebra

☐ 3 Medium ☐ 4 Medium-Hard ☐ 5 Hard ☐ Calculus ☐ Conceptual

☐ Expand All Sections ☐ Show Answers Key: ■ Problem used in another assignment for this class

Publish Date (Date the Assignment will be visible to Students in their list)

Date:

Assignment Dates

Start:

Due:

End:

☐ Timed Assignment Min

Students can View Solutions

Start:

Publish Until (Last Date that Students can View Work/Solutions)

End:

Take in Practice Mode

Start:

End:

- Set the name and description for the assignment in this area.
- Weight** – the weight of an assignment is how much affect it has on the student's grade average. The higher the number the more effect it has. You can key in the weight for an assignment, from 0 to 999, or you can use the up and down arrows to change the weight.

- C. This is where you can set the **Grade Templates** and **Integrity Templates** for the assignment. See [Grade Templates](#) and [Integrity Preferences](#) for more information.
- D. The dates in the **Edit Assignment** page affect when the assignment is due, when the student can see the assignment, and much more. See [Specify Assignment Availability Dates](#) for more information on this area.
- E. This is the area where you select your book and chapter when selecting problems for an assignment. See [Selecting Problems](#) for more information.

Selecting Problems

To select your problems, first select your book from the **Books** drop-down menu ([Figure 36](#)).

Note: Your default book will already be selected. If you need additional books, please contact your account manager.

Figure 36: Select the Book

Books			Chapters	
Expert TA: Introduction to Physics			Expert TA System	
Filter by Problem Difficulty and Type				
<input checked="" type="checkbox"/> All Problems	<input type="checkbox"/> 1 Easy	<input type="checkbox"/> 2 Medium-Easy	<input checked="" type="checkbox"/> All Problems	<input type="checkbox"/> Algebra
<input type="checkbox"/> 3 Medium	<input type="checkbox"/> 4 Medium-Hard	<input type="checkbox"/> 5 Hard	<input type="checkbox"/> Calculus	<input type="checkbox"/> Conceptual

Next, select the chapter from the **Chapter** drop-down menu located to the right of the **Books** drop-down menu ([Figure 37](#)).

Figure 37: Select the Chapter

Books			Chapters	
Expert TA: Introduction to Physics			Expert TA System	
Filter by Problem Difficulty and Type				
<input checked="" type="checkbox"/> All Problems	<input type="checkbox"/> 1 Easy	<input type="checkbox"/> 2 Medium-Easy	<input checked="" type="checkbox"/> All Problems	<input type="checkbox"/> Algebra
<input type="checkbox"/> 3 Medium	<input type="checkbox"/> 4 Medium-Hard	<input type="checkbox"/> 5 Hard	<input type="checkbox"/> Calculus	<input type="checkbox"/> Conceptual

After selecting a chapter, you will see expandable categories of problems separated into sections by problem type ([Figure 38](#)).

Figure 38: Collapsed Sections by Problem Type

Books			Chapters	
Expert TA: Introduction to Physics			1. Units and Physical Quantities	
Filter by Problem Difficulty and Type				
<input checked="" type="checkbox"/> All Problems	<input type="checkbox"/> 1 Easy	<input type="checkbox"/> 2 Medium-Easy	<input checked="" type="checkbox"/> All Problems	<input type="checkbox"/> Algebra
<input type="checkbox"/> 3 Medium	<input type="checkbox"/> 4 Medium-Hard	<input type="checkbox"/> 5 Hard	<input type="checkbox"/> Calculus	<input type="checkbox"/> Conceptual
<input type="checkbox"/> Expand All Sections <input type="checkbox"/> Show Answers Key: ● Problem used in another assignment for this class				
<div style="border: 2px solid magenta; padding: 5px;"> + 1.1 - Fundamental Elements + 1.2 - Density + 1.3 - Dimensional Analysis + 1.4 - Unit Conversions + 1.5 - Significant Figures </div>				

These are the collapsed categories of problems. Click on the "+" beside a category to see all the problems in that section.

The **Expand All Sections** checkbox ([Figure 39](#))



Figure 39: Expand All Sections

Books	Chapters
Expert TA: Introduction to Physics	1. Units and Physical Quantities
Filter by Problem Difficulty and Type	
<input checked="" type="checkbox"/> All Problems <input type="checkbox"/> 1 Easy <input type="checkbox"/> 2 Medium-Easy <input type="checkbox"/> 3 Medium <input type="checkbox"/> 4 Medium-Hard <input type="checkbox"/> 5 Hard	<input checked="" type="checkbox"/> All Problems <input type="checkbox"/> Algebra <input type="checkbox"/> Calculus <input type="checkbox"/> Conceptual
<input checked="" type="checkbox"/> Expand All Sections <input type="checkbox"/> Show Answers Key: ● Problem used in another assignment for this class	
<div>1.1 - Fundamental Elements</div> <div> <div> <input type="checkbox"/> 1.1.1, Alg, 1 A circle has a diameter of 3.296 cm. a. What is the area of the circle in cm²? </div> <div> <input type="checkbox"/> 1.1.7, Alg, 2 Assuming the mass of an average cell is ten times the mass of a bacterium (which is 10⁻¹⁵ kg): a. Calculate the number of cells in a hummingbird, assuming it has a mass of 10⁻² kg. b. Calculate the number of cells in a human, assuming they have a mass of 10² kg. </div> <div> <input type="checkbox"/> 1.1.8, Alg, 3 The times in this problem are given using metric prefixes on the base SI unit of time: the second (s). Give the times without the metric prefixes. For example, the metric prefix T (tera) stands for 10¹², so 47 Ts would be written as 4.7 × 10¹³ s. a. 542 Ps b. 542 fs c. 79 ns d. 425 μs </div> </div>	

The **Show Answers** option will highlight the correct answer to questions when viewing the library (Figure 40).

Figure 40: Show Answers

Books	Chapters
Expert TA: Introduction to Physics	1. Units and Physical Quantities
Filter by Problem Difficulty and Type	
<input checked="" type="checkbox"/> All Problems <input type="checkbox"/> 1 Easy <input type="checkbox"/> 2 Medium-Easy <input type="checkbox"/> 3 Medium <input type="checkbox"/> 4 Medium-Hard <input type="checkbox"/> 5 Hard	<input checked="" type="checkbox"/> All Problems <input type="checkbox"/> Algebra <input type="checkbox"/> Calculus <input type="checkbox"/> Conceptual
<input type="checkbox"/> Expand All Sections <input checked="" type="checkbox"/> Show Answers Key: ● Problem used in another assignment for this class	
<div>1.1 - Fundamental Elements</div> <div> <div> <input type="checkbox"/> 1.1.1, Alg, 1 A circle has a diameter of 3.326 cm. a. What is the area of the circle in cm²? $A = 3.14159 * (3.326 / 2) ^2$ </div> <div> <input type="checkbox"/> 1.1.7, Alg, 2 Assuming the mass of an average cell is ten times the mass of a bacterium (which is 10⁻¹⁵ kg): a. Calculate the number of cells in a hummingbird, assuming it has a mass of 10⁻² kg. $cells/hummingbird = 10^{12}$ b. Calculate the number of cells in a human, assuming they have a mass of 10² kg. $cells/human = 10^{16}$ </div> <div> <input type="checkbox"/> 1.1.8, Alg, 3 The times in this problem are given using metric prefixes on the base SI unit of time: the second (s). Give the times without the metric prefixes. For example, the metric prefix T (tera) stands for 10¹², so 47 Ts would be written as 4.7 × 10¹³ s. a. 581 Ps time in seconds = 581 * 10¹⁵ b. 581 fs time in seconds = 581 * 10⁻¹⁵ c. 37 ns time in seconds = 37 * 10⁻⁹ d. 384 μs time in seconds = 384 * 10⁻⁶ </div> </div>	

Correct answers are displayed in green

When browsing problems, you may see an orange block (■) next to a problem (Figure 41). This indicates that the problem has been used in another assignment for the class. This does not prevent you from using the problem again in other assignments. There are no limits to the types or number of problems you can put into an assignment.

Figure 41: Previously Used Problem

The screenshot shows the 'Books' and 'Chapters' dropdowns at the top. Below them is a 'Filter by Problem Difficulty and Type' section with checkboxes for 'All Problems', '1 Easy', '2 Medium-Easy', '3 Medium', '4 Medium-Hard', '5 Hard', 'Algebra', 'Calculus', and 'Conceptual'. A key indicates that an orange square means 'Problem used in another assignment for this class'. The main area displays a list of problems under the heading '1.1 - Fundamental Elements'. Problem 1.1.7 is highlighted with an orange square and includes a detailed description and multiple-choice options.

Selected problems will appear in the **Problems** area, beneath the assignment description (Figure 42).

Figure 42: Problem Area

The screenshot shows the assignment creation interface with various tabs at the top: 'Save Only', 'Save And Exit', 'Undo Changes', 'Delete Assignment', 'Printable Assignment', 'View Solutions', 'Extensions', and 'Security'. The 'Assign. Name' is 'HW1' and the 'Weight' is '1'. The 'Description' is 'HW1'. The 'Problems' area is highlighted with a pink box and contains a table of selected problems. A pink callout box points to the 'Problems' area with the text: 'This is the problems area. Problems will appear here in the order they were selected.'

Hovering your mouse over a problem name will show you a preview of the problem in a pop-up window (Figure 43).

Figure 43: Problem Preview

The screenshot shows the problem preview interface. A green callout box points to a problem number in the list, stating: 'Hovering over a problem number will display a preview of the problem.' The preview shows the problem details, including the problem number, weight, and a detailed description with multiple-choice options.

Filtering Selected Problems by Difficulty and Type

Note: This only applies to the *Introduction to Physics* Book.

Figure 44: Filter by Problem Difficulty and Type

Books			Chapters	
Expert TA: Introduction to Physics			Expert TA System	
Filter by Problem Difficulty and Type				
<input checked="" type="checkbox"/> All Problems	<input type="checkbox"/> 1 Easy	<input type="checkbox"/> 2 Medium-Easy	<input checked="" type="checkbox"/> All Problems	<input type="checkbox"/> Algebra
<input type="checkbox"/> 3 Medium	<input type="checkbox"/> 4 Medium-Hard	<input type="checkbox"/> 5 Hard	<input type="checkbox"/> Calculus	<input type="checkbox"/> Conceptual

With the *Expert TA: Introduction to Physics* book, you can filter problems by difficulty and mathematical type. Near the bottom of the **Edit/Create Assignment** screen is the *Filter* panel (see Figure 44 above). You can filter the problems from which to select by difficulty (1-5, with 5 being most difficult), and/or by type; with the choices being *conceptual* (Cp), *calculus* (Calc), or *algebra* (Alg) based, by clicking the box next to your choices. You may see a "(T)" next to the problem name. This indicates that this problem is available in Tutorial mode.

In Figure 45, you can see the problem name (1.1.12), the type (Alg), and the level (3).

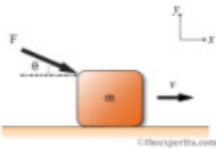
Figure 45: Problem Difficulty and Type

☐ **1.1.12, Alg, 3** The lengths in this problem are given using metric prefixes on the base SI unit of length: the meter (m). Give the lengths without the metric prefix. For example, the metric prefix P (peta) stands for 10^{15} , so 4.2 Pm is equal to 4.2×10^{15} m.

- 83** Tm
- 83** pm
- 676** mm
- 0.38** μ m

Figure 46: Examples of Problem Difficulty and Type

☐ **c5.6.1, Cp, 2** A box rests on a horizontal surface. You apply a force on the box of $F = 100$ N at an angle, θ , below the horizontal and it slides at a constant velocity.



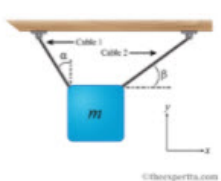
a. The friction force that acts on the box is:

- ☐ less than 100 Newtons.
- ☐ 100 Newtons.
- ☐ greater than 100 Newtons.

☐ **5.3.35, Calc, 2** Grains from a grain hopper fall at a rate of **9.1** kg/s vertically onto a freight car that is moving horizontally at a constant speed **2.4** m/s on a straight track.

a. What force, in newtons, is needed to keep the freight car moving at a constant velocity?

☐ **5.3.12 (iFBD), Alg, 3** A block having a mass of $m = \mathbf{16}$ kg is suspended via two cables as shown in the figure. The angles shown in the figure are as follows: $\alpha = \mathbf{11}^\circ$ and $\beta = \mathbf{26}^\circ$. We will label the tension in Cable 1 as T_1 and the tension in Cable 2 as T_2 .



- Please use the interactive area below to draw the Free Body Diagram for the block.
- Write an expression for the sum of forces in the x direction in terms of T_1 , T_2 , m , g , α , and β . Use the specified coordinate system.
- Write an expression for the sum of forces in the y direction in terms of T_1 , T_2 , m , g , α , and β . Use the specified coordinate system.
- Solve for the numeric value of T_1 , in newtons.
- Solve for the numeric value of T_2 , in newtons.

☐ **5.3.10 (alt) (T), Alg, 2** A chandelier is suspended by two identical, vertical chains side by side. The chandelier's mass is $m = \mathbf{6.1}$ kg.

- What is the tension in one chain, T , in newtons?
- If the tops of the chains are separated so that the chains are no longer vertical, does the tension increase or decrease? Hint: Think about the forces in the x and y direction separately at first

- ☐ Increase
- ☐ Decrease

In Figure 46, you can see some of the other Problem Types. Free body diagrams are designated by (iFBD). If you see an (alt) by the problem name, this indicates an alternate version of a problem.

Creating Question Pools

Each problem you add to your assignment can also become a question pool, or a set of potential questions from which students taking the assignment will receive only one, randomly assigned problem. To create a question pool, first add problems to your assignment ([Figure 47](#)).

Figure 47: Add Questions to Assignment

Add Question Pool		Prob #	Weight	Problems
Add To	<input type="radio"/>	Prob 1	1	1.1.7 x
Expand	<input type="radio"/>	Prob 2	1	1.1.1 x
	<input type="radio"/>	Prob 3	1	1.1.10 x
	<input type="radio"/>	Prob 4	1	1.1.14 x

Figure 48: Select the Radio Button Next to the Problem

Add Question Pool		Prob #	Weight	Problems
Add To	<input type="radio"/>	Prob 1	1	1.1.7 x
Expand	<input type="radio"/>	Prob 2	1	1.1.1 x
	<input type="radio"/>	Prob 3	1	1.1.10 x
	<input checked="" type="radio"/>	Prob 4	1	1.1.14 x

Select the radio button next to the problem you want to build a question pool in

Next, select the problem from which you wish to build a question pool using the radio button to the left of the problem ([Figure 48](#)).

Figure 49: Add Problems to the Question Pool

Add Question Pool		Prob #	Weight	Problems
Add To	<input type="radio"/>	Prob 1	1	1.1.7 x
Expand	<input type="radio"/>	Prob 2	1	1.1.1 x
	<input type="radio"/>	Prob 3	1	1.1.10 x
	<input checked="" type="radio"/>	Prob 4	1	1.1.14 x 1.1.11 x 1.1.12 x 1.1.13 x

With the radio button next to the problem selected, any additional problems added will populate to the right and create a question pool.

Now you can select additional problems that will begin populating to the right of the selected problem ([Figure 49](#)).

Figure 50: Finish the Question Pool

Add Question Pool		Prob #	Weight	Problems
Add To	<input checked="" type="radio"/>	Prob 1	1	1.1.7 x
Expand	<input type="radio"/>	Prob 2	1	1.1.1 x
	<input type="radio"/>	Prob 3	1	1.1.10 x
	<input type="radio"/>	Prob 4	1	1.1.14 x 1.1.11 x 1.1.12 x 1.1.13 x

When you're finished adding problems to the question pool, click the radio button next to "Add Question to Pool" to continue adding problems to the remainder of the assignment or click the radio button next to the next problem you want to make a question pool.

When you are finished adding problems to a question pool, simply select the radio button to the right of **Add Question Pool** ([Figure 50](#)) to continue adding additional problems under the last problem or pool, or select the radio button next to another problem number to create another question pool.

Figure 51: Click on Expand

Add Question Pool		Prob #	Weight	Problems
Add To	<input checked="" type="radio"/>	Prob 7	1	1.2.3 x
Expand	<input type="radio"/>	Prob 8	1	1.2.8 x
	<input type="radio"/>	Prob 9	1	1.2.10 x
	<input type="radio"/>	Prob 10	1	1.2.11-alt x
	<input type="radio"/>	Prob 11	1	1.2.16 x
	<input type="radio"/>	Prob 12	1	c1.3.1-alt x
	<input type="radio"/>	Prob 13	1	1.3.2 x
	<input type="radio"/>	Prob 14	1	1.3.8 x
	<input type="radio"/>	Prob 15	1	1.3.10 x
	<input type="radio"/>	Prob 16	1	1.3.12 x

Click on "Expand" to view the entire assignment.

The **Problems** area will display ten problems at once by default. If your assignment has more than ten problems, you can use the scroll bar on the right to move up and

Figure 52: Click on Compress

Add Question Pool		Prob #	Weight	Problems
Add To	<input checked="" type="radio"/>	Prob 1	1	1.1.7 x
Compress	<input type="radio"/>	Prob 2	1	1.1.1 x
	<input type="radio"/>	Prob 3	1	1.1.10 x
	<input type="radio"/>	Prob 4	1	1.1.14 x 1.1.11 x 1.1.12 x 1.1.13 x
	<input type="radio"/>	Prob 5	1	c1.2.3 x
	<input type="radio"/>	Prob 6	1	1.2.1 x
	<input type="radio"/>	Prob 7	1	1.2.3 x
	<input type="radio"/>	Prob 8	1	1.2.8 x
	<input type="radio"/>	Prob 9	1	1.2.10 x
	<input type="radio"/>	Prob 10	1	1.2.11-alt x
	<input type="radio"/>	Prob 11	1	1.2.16 x
	<input type="radio"/>	Prob 12	1	c1.3.1-alt x
	<input type="radio"/>	Prob 13	1	1.3.2 x
	<input type="radio"/>	Prob 14	1	1.3.8 x
	<input type="radio"/>	Prob 15	1	1.3.10 x
	<input type="radio"/>	Prob 16	1	1.3.12 x

Click "Compress" to return to the previous view with a scroll bar

down or you can click on **Expand** under **Add Question Pool** ([Figure 51](#)) to see an expanded view of the assignment where all the problems can be seen at once ([Figure 52](#)). To return to the previous collapsed view, click on **Compress**.

Changing the Problem Order and Deleting a Problem

The **Problems** area on the **Assignment Edit/Create** screen adds problems in the order they were selected. You can change the order by clicking and holding the left mouse button on the problem number to drag the problem where you want it.

Figure 53: Moving a Problem

Add Question Pool	○	Prob #	Weight	Problems
Add To	<input type="radio"/>	Prob 1	1	1.1.7 x
Compress	<input type="radio"/>	Prob 2	1	1.1.1 x
	<input type="radio"/>	Prob 3	1	1.1.10 x
	<input type="radio"/>	Prob 4	1	1.1.14 x 1.1.11 x 1.1.12 x 1.1.13 x
	<input type="radio"/>	Prob 5	1	c1.2.3 x
	<input type="radio"/>	Prob 6	1	1.2.1 x
	<input type="radio"/>	Prob 7	1	1.2.3 x
	<input type="radio"/>	Prob 8	1	1.2.8 x
	<input type="radio"/>	Prob 9	1	1.2.10 x
	<input type="radio"/>	Prob 16	1	1.3.12 x
	<input type="radio"/>	Prob 10	1	1.2.11-alt x
	<input type="radio"/>	Prob 11	1	1.2.16 x
	<input type="radio"/>	Prob 12	1	c1.3.1-alt x
	<input type="radio"/>	Prob 13	1	1.3.2 x
	<input type="radio"/>	Prob 14	1	1.3.8 x
	<input type="radio"/>	Prob 15	1	1.3.10 x

While you are moving a problem, the original problem number becomes slightly transparent and there is a gray line to help you determine where you are moving the problem.

Figure 54: Problem Move Complete

Add Question Pool	○	Prob #	Weight	Problems
Add To	<input type="radio"/>	Prob 1	1	1.1.7 x
Compress	<input type="radio"/>	Prob 2	1	1.1.1 x
	<input type="radio"/>	Prob 3	1	1.1.10 x
	<input type="radio"/>	Prob 4	1	1.1.14 x 1.1.11 x 1.1.12 x 1.1.13 x
	<input type="radio"/>	Prob 5	1	c1.2.3 x
	<input type="radio"/>	Prob 6	1	1.2.1 x
	<input type="radio"/>	Prob 7	1	1.2.3 x
	<input type="radio"/>	Prob 8	1	1.2.8 x
	<input type="radio"/>	Prob 9	1	1.2.10 x
	<input type="radio"/>	Prob 10	1	1.3.12 x
	<input type="radio"/>	Prob 11	1	1.2.11-alt x
	<input type="radio"/>	Prob 12	1	1.2.16 x
	<input type="radio"/>	Prob 13	1	c1.3.1-alt x
	<input type="radio"/>	Prob 14	1	1.3.2 x
	<input type="radio"/>	Prob 15	1	1.3.8 x
	<input type="radio"/>	Prob 16	1	1.3.10 x

Once you've dropped the problem where you want it the Prob # adjusts accordingly.

Once you have moved the problem where you want, let go of the left mouse button to drop it in place and the problem numbers will adjust accordingly. For example, in Figure 52, there are 16 problems in the assignment. Figure 53 shows Prob 16 or question 1.3.12 slightly transparent and with a gray line moving up and Figure 54 shows that question 1.3.12 is now Prob 10.

Figure 55: Delete a Problem

Add Question Pool	○	Prob #	Weight	Problems
Add To	<input type="radio"/>	Prob 1	1	1.1.7 x
Compress	<input type="radio"/>	Prob 2	1	1.1.1 x
	<input type="radio"/>	Prob 3	1	1.1.10 x
	<input type="radio"/>	Prob 4	1	1.1.14 x 1.1.11 x 1.1.12 x 1.1.13 x
	<input type="radio"/>	Prob 5	1	c1.2.3 x
	<input type="radio"/>	Prob 6	1	1.2.1 x
	<input type="radio"/>	Prob 7	1	1.2.3 x
	<input type="radio"/>	Prob 8	1	1.2.8 x
	<input type="radio"/>	Prob 9	1	1.2.10 x
	<input type="radio"/>	Prob 10	1	1.3.12 x
	<input type="radio"/>	Prob 11	1	1.2.11-alt x
	<input type="radio"/>	Prob 12	1	1.2.16 x
	<input type="radio"/>	Prob 13	1	c1.3.1-alt x
	<input type="radio"/>	Prob 14	1	1.3.2 x
	<input type="radio"/>	Prob 15	1	1.3.8 x

Clicking on a red "X" will delete a problem from the assignment

x

Figure

55 shows that Prob 16 has been removed from the assignment.

Setting Problem Weights

Next to each selected problem, is the **Weight** area, where you can specify the weights for each problem (Figure 56). By default, all problems have a weight of one and they all count equally. The schema in Expert TA is that of a standard weighted average; the average is calculated by summing each problem grade times the weight, and that sum is divided by the sum of the weights.

Figure 56: Setting Problem Weights

Add Question Pool	Prob #	Weight	Problems
<input type="radio"/>	Prob 1	1	1.1.7 x
<input type="radio"/>	Prob 2	1	1.1.1 x
<input type="radio"/>	Prob 3	2	1.1.10 x
<input type="radio"/>	Prob 4	3	1.1.14 x 1.1.11 x 1.1.12 x 1.1.13 x
<input type="radio"/>	Prob 5	2	c1.2.3 x
<input type="radio"/>	Prob 6	2	1.2.1 x
<input type="radio"/>	Prob 7	3	1.2.3 x
<input type="radio"/>	Prob 8	3	1.2.8 x
<input type="radio"/>	Prob 9	3	1.2.10 x
<input type="radio"/>	Prob 10	2	1.3.12 x

Specify Assignment Availability Dates

Next, you will need to set the dates for the assignment. To enter the dates simply key in the date and time or use the convenient drop-down calendar or up/down arrows. A detailed explanation of what each date does is below.

Figure 57: Assignment Availability Dates

Publish Date (Date the Assignment will be visible to Students in their list)

A Date: 05/01/2021 12:01 AM

Assignment Dates

B Start: 07/06/2021 12:01 AM

C Due: 07/13/2021 11:59 PM

End: 07/13/2021 11:59 PM

☒ Timed Assignment 30 Min

Reset All Students Timers

☒ Students can View Solutions

D Start: 07/13/2021 11:59 PM

Publish Until (Last Date that Students can View Work/Solutions)

E End: 08/31/2021 12:00 AM

☒ Take in Practice Mode

F Start: 07/13/2021 11:59 PM

End: 08/31/2021 11:59 PM

- A. **Publish Date** – This is the date the assignment will be visible to the students.
- B. **Assignment Dates** –
 - a. **Start Date** – Date students can begin to enter work on an assignment
 - b. **Due Date** – Date an assignment is due.
 - c. **End Date** – If you accept late work, you can set this date to occur for a time after the due date and the student will be able to continue working on the assignment for reduced credit. Deductions for late work can be set in [Grade Preferences](#).

Note: Due Dates can be changed if no students have submitted answers for that assignment.
- C. **Timed Assignment** – When enabled, by clicking the checkbox, students are allowed the set amount of time to complete an assignment once opened. This time can be adjusted by the minute by either entering in a number or by using the up/down arrows.
 - a. **Reset All Students Timers** – click on this to reset the timers for the whole class (see [Timing an Assignment](#) for more details).
- D. **Students can View Solutions** – This is an optional setting that allows students to view the solutions to the assignment problems. See [Viewing Assignment Solutions](#).
- E. **Publish Until** – Last date an assignment is visible to the students where they can see the contents of an assignment, including their work.
- F. **Take in Practice Mode** – Dates in which the student can take the assignment for practice. (See [Take in Practice Mode](#))

Note: Keep in mind that 12:00AM is the first minute of the day. The program will not allow you to have an end date before the due date because it would cause the assignment to be inaccessible to the students. Instead, the program will automatically change the due date to match the end date.

Timing an Assignment

There are situations, like quizzes or exams, that you may want to set a limit on the amount of time allowed on an assignment (**Figure 58**).

To set time on an assignment:

1. click on the box next to **Timed Assignments**
2. then specify how many minutes the students will be allowed to complete it by typing a number from 1 to 999 in the box or by using the up/down arrows to change the number.

Figure 58: Set Time on an Assignment

The figure shows two versions of the 'Assignment Edit/Create' screen. Both screens have a 'Publish Date' section at the top with a date of 05/01/2021 and a time of 12:01 AM. Below this is the 'Assignment Dates' section with 'Start' (07/22/2021, 12:01 AM), 'Due' (07/29/2021, 11:59 PM), and 'End' (07/29/2021, 11:59 PM) dates and times. At the bottom, there is a 'Timed Assignment' checkbox. In the left screenshot, the checkbox is checked. In the right screenshot, the checkbox is checked and the timer is set to 120 minutes.

If the timer on an assignment needs to be reset for the whole class, you can click the **Reset All Students Timers** under **Timed Assignment** (**Figure 59**). When you click on **Reset All Students Timers**, you will receive a pop-up message asking if you are sure you want to reset the timers for all students. Click on **OK** to continue resetting the timers or click **Cancel** to return to the **Assignment Edit/Create** screen. If you click **OK**, you will also receive a confirmation that the timers have been reset (**Figure 60**).

Figure 59: Reset All Students Timers

This screenshot shows the same assignment settings interface as Figure 58, but with the 'Reset All Students Timers' button highlighted in a pink box at the bottom of the 'Timed Assignment' section.

Figure 60: Reset All Students Timers Warning

The figure shows two versions of a warning dialog box. The left dialog box has the text 'Are you sure you want to reset the assignment timers for ALL students?' and 'OK' and 'Cancel' buttons. The right dialog box has the text 'All students timers for this assignment have been reset!' and an 'OK' button.

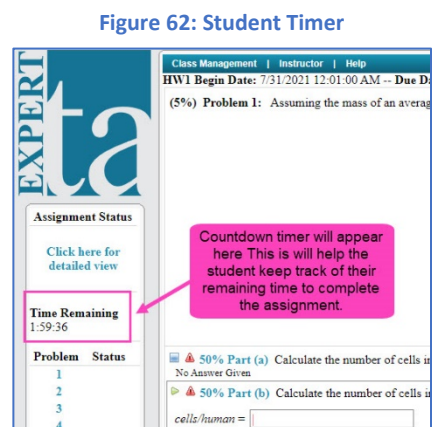
When an assignment is timed, the student will receive a warning when they open the assignment (**Figure 61**). This warning tells them how many minutes they have to complete the assignment. It also advises them that the clock does not stop running if they log out and log back in. They will have to click on **Continue** to start the assignment or **Cancel** to go back to the **Class Management** page.

Figure 61: Timed Assignment Warning for Student

This screenshot shows a warning message for a timed assignment. The text reads: 'WARNING! This is a **timed assignment**. Once you click "Continue", you will have 120 minute(s) to complete the assignment before it becomes locked and you can no longer submit answers. The clock **does not stop running** if you log out and log back in, so make sure you have the appropriate amount of time to complete the entire assignment. If you are not ready to start this timed assignment, click "Cancel".' Below the text are 'Continue' and 'Cancel' buttons.

When the student enters the timed assignment, there is a countdown timer on the left side of the assignment that allows them to keep track of their remaining time ([Figure 62](#)).

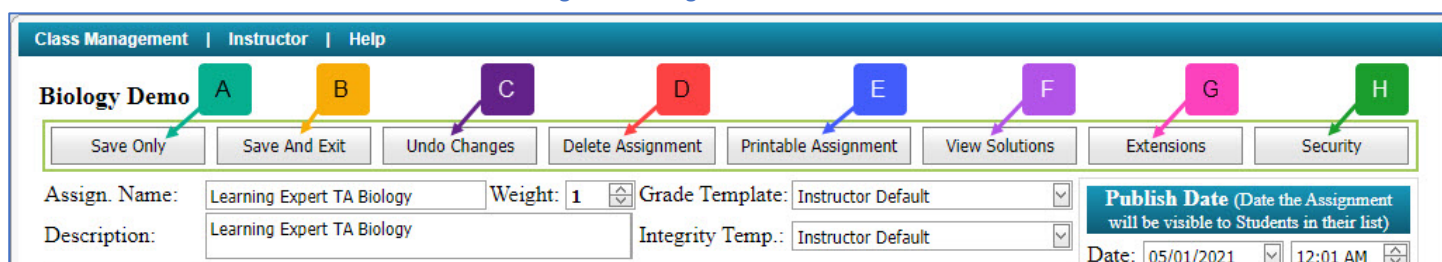
If you have individual students who require more time on a specific assignment, you can adjust their time allowance (see [Manage Extensions for a Student](#) for more information). If you have students that require more time on every assignment, see [Students with Disabilities](#) section.



Assignment Action Buttons

The assignment action buttons are located at the very top of the **Assignment Create/Edit** screen and have been defined in [Figure 63](#) below.

Figure 63: Assignment Action Buttons



- A. **Save Only** – Saves current settings and problems in the assignment
- B. **Save and Exit** – Saves current settings and problem in the assignment and exits the Create/Edit Assignment screen.
- C. **Undo Changes** – Used to undo changes on assignment since it was last saved
- D. **Delete Assignment** – This button will delete the assignment. **Warning:** All associated assignment problem and grade data will also be deleted. Be extra cautious about using this option as it cannot be undone. (See [Delete Assignment](#))
- E. **Printable Assignment** – This button will open a printable version of the assignment in a new tab. (See [View Printable Assignments](#))
- F. **View Solutions** – This button will open the solutions to the assignment in a new tab. (See [Viewing Assignment Solutions](#))
- G. **Extensions** – Allows you to set up extensions for individual students. (See [Manage Extensions for a Student](#))
- H. **Security** – Allows you to set up security options for the assignment. (See [Assignment Security Options](#))

Saving and Exiting

To save your assignment, at any time without exiting the screen, click on the **Save Only** button. To save your assignment and return to the **Class Management** page, click on the **Save and Exit** button. If you leave the assignment without using either method of saving, you will see a pop-up message advising that your changes may not be saved (see [Figure 64](#)). Click on **Leave** to continue exiting without saving or click **Cancel** to return to the assignment to save your changes.

Figure 64: Exit Without Saving Warning

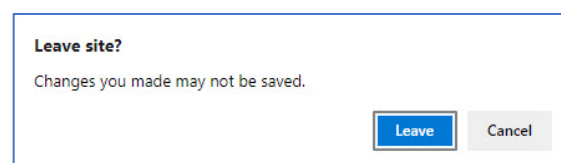


Figure 65: Undo Changes Warning

Undo Changes

The **Undo Changes** button is used to undo any changes made since the assignment was last saved. When you click on the **Undo Changes** button, a pop-up box will appear with a warning seen in **Figure 65**. Click **OK** to continue with undoing the changes or **Cancel** to return to the assignment without any changes.

WARNING – Are you sure you want to undo changes since last save of the assignment editor screen?
Note: This does not apply to extensions and security settings.

OK

Cancel

Editing an Assignment

After creating and saving an assignment, you will need to update various parts of the assignment from time to time.

To edit an assignment:

1. Select your class from the **Classes** drop-down menu (see **Figure 66**).
Reminder: If you only have one class it will already be selected for you.

Figure 66: Select Your Class

2. Click on the down arrow next to the assignment or right click on the assignment (see **Figure 67**)

Figure 67: Accessing the Assignment Menu

Assignments							
Assignment	Weight	Publish	Start	Due	End	Min	Template
▼ Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM		Instructor Default
▼ HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 06, 2021 11:59 PM	Aug 06, 2021 11:59 PM	120	Instructor Default

Click on the down arrow or right click the assignment to access the assignment menu

3. Select **Edit Assignment** from the assignment menu (**Figure 68**).

Figure 68: Edit Assignment

This will

take you to the same window you used to create the assignment (**Figure 69**) and where you can now you can make any changes you like to the assignment.

Figure 69: Assignment Edit/Create Window

Deleting an Assignment

Warning: All associated assignment problem and grade data will also be deleted. Be extra cautious about using this option, as it **cannot be undone**.

To delete an assignment, click on the **Delete Assignment** button located in the middle of the top row in the **Assignment Edit/Create** window (Figure 70).

Figure 70: Delete Assignment Button

Class Management | Instructor | Help

Biology Demo For help on this page click here

Save Only Save And Exit Undo Changes **Delete Assignment** Printable Assignment View Solutions Extensions Security

Assign. Name: Learning Expert TA Biology Weight: 1 Grade Template: Instructor Default

Description: Learning Expert TA Biology Integrity Temp.: Instructor Default

Publish Date (Date the Assignment will be visible to Students in their list)
Date: 05/01/2021 12:01 AM

When you click on the **Delete Assignment** button you will receive a pop-up window with a warning (Figure 71). To continue deleting the assignment click on **OK** or click on **Cancel** to return to the assignment without deleting.

Figure 71: Delete Assignment Warning

WARNING - All associated assignment problem and grade data will be deleted. Are you sure you want to delete this assignment?

OK Cancel

Assignment Security Options

Expert TA provides two security options for assignments that can be used together or separately, password protection and IP filtering. To access the assignment security area, click the **Security** button on the far right of the top row in the **Assignment Edit/Create** window (Figure 72).

Figure 72: Security Button

Class Management | Instructor | Help

Physics Demo For help on this page click here

Save Only Save And Exit Undo Changes Delete Assignment Printable Assignment View Solutions Extensions **Security**

Assign. Name: HW1 Weight: 1 Grade Template: Instructor Default

Description: HW1 Integrity Temp.: Instructor Default

Publish Date (Date the Assignment will be visible to Students in their list)
Date: 05/01/2021 12:01 AM

When you click on the **Security** button, a pop-up window will appear with an **Add New Access Filter** button (Figure 73).

Figure 73: Add New Access Filter

The screenshot shows a window titled "HW1 - Assignment Access". It contains a table with columns: #, IP Filter, and Password. The table is empty, with the text "No data to display" in the center. Below the table, there is a button labeled "Add New Access Filter". A pink callout box points to this button with the text: "Click on 'Add New Access Filter' to begin adding a new filter for the assignment".

Note: Only one of the columns can be empty per row. An empty column for IP filter is the same as all addresses.
Example: IPFilter = "" and Password = "AllAccessP455"
 All students from any location can continue that enter "AllAccessP455".
Example: IPFilter = "192.168." and Password = "PassW0rd!2016"
 Only students with ip addresses like "192.168.100.100" that enter "PassW0rd!2016" can continue.

After you click on the **Add New Access Filter** button, the window will display two fields **IP Filter** and **Password** (Figure 74). These options can be used separately or together by simply filling in one or both fields and clicking on **Update** to save your settings or **Cancel** to discard the settings.

Figure 74: Access Filter

The screenshot shows the "HW1 - Assignment Access" window with the "Add New Access Filter" button clicked. The "IP Filter" field contains "10.9" and the "Password" field contains "\$ecurity1s!mp0rtant!". A yellow callout box points to both fields with the text: "Enter the first two numbers of the IP address you want to restrict the assignment to or enter a password for your assignment. These options can be used separately or together." A pink callout box points to the "Update" and "Cancel" buttons with the text: "When you're finished entering your IP Filter and/or Password, click on Update to save your changes or Cancel to exit without saving."

Note: Only one of the columns can be empty per row. An empty column for IP filter is the same as all addresses.
Example: IPFilter = "" and Password = "AllAccessP455"
 All students from any location can continue that enter "AllAccessP455".
Example: IPFilter = "192.168." and Password = "PassW0rd!2016"
 Only students with ip addresses like "192.168.100.100" that enter "PassW0rd!2016" can continue.

After clicking on **Update**, you will see the filter settings listed. You can edit the filter by clicking on **Edit** or delete the filter by clicking **Delete**. When you are finished click on the in the upper right-hand corner to return to the **Edit/Create Assignment** window.

Figure 75: Completed Access Filter

The screenshot shows the "HW1 - Assignment Access" window with the completed Access Filter. The table now has one row with the IP Filter "10.9" and Password "\$ecurity1s!mp0rtant!". A pink callout box points to the "Edit Delete" button with the text: "The saved Access Filter is shown below. You can edit or delete your saved Access Filter by clicking Edit or Delete here." A yellow callout box points to the close button (X icon) in the upper right corner with the text: "When you're finished Adding, Editing, or Deleting Access Filters, click on the X in the upper right hand corner to return to the Assignment Edit/Create window."

Note: Only one of the columns can be empty per row. An empty column for IP filter is the same as all addresses.
Example: IPFilter = "" and Password = "AllAccessP455"
 All students from any location can continue that enter "AllAccessP455".
Example: IPFilter = "192.168." and Password = "PassW0rd!2016"
 Only students with ip addresses like "192.168.100.100" that enter "PassW0rd!2016" can continue.

Managing Extensions for a Student

An assignment can be extended by changing the **Due Date** on the **Assignment Edit/Create** screen if no students have submitted answers for that assignment. Once a student has submitted answers to the assignment, you will need to add an extension for each student that needs additional time to complete the assignment.

To add or manage extensions for a student click on the **Extensions** button on the **Assignment Edit/Create** screen (Figure 76).

Figure 76: Extensions Button

The screenshot shows the 'Assignment Edit/Create' interface for 'Physics Demo'. At the top, there are navigation links: 'Class Management | Instructor | Help'. Below this, a row of buttons includes 'Save Only', 'Save And Exit', 'Undo Changes', 'Delete Assignment', 'Printable Assignment', 'View Solutions', 'Extensions' (highlighted in pink), and 'Security'. The main form contains fields for 'Assign. Name' (HW1), 'Weight' (1), 'Grade Template' (Instructor Default), 'Description' (HW1), 'Integrity Temp.' (Instructor Default), and 'Publish Date' (05/01/2021 12:01 AM). A help link is visible in the top right corner.

When you click on the **Extensions** button a pop-up window will appear, like the one in Figure 77. Click on **Add New Extension** to begin adding an extension.

Figure 77: Add New Extension

The screenshot shows the 'HW1 - Assignment Extensions' pop-up window. It features a table with columns: '#', 'Student', 'Start', 'Due', 'End', 'Publish', 'Publish Until', 'Solution Visible Start Date Time', 'Total Minutes', and 'Reset Timer'. The table is currently empty, displaying 'No data to display'. Below the table, there is a button labeled 'Add New Extension' which is highlighted with a pink box. A note at the bottom states: 'Note: The Total Minutes above represents the total available time the student will have for the assignment. This is NOT additional time.'

After clicking on the **Add New Extension**, the window will change to allow you to enter an extension (Figure 78).

Figure 78: Enter an Extension

The screenshot shows the 'HW1 - Assignment Extensions' pop-up window after clicking 'Add New Extension'. The form is divided into several sections: 'Student' (with a dropdown for 'Student:*'), 'Primary Assignment Dates' (with 'Start Date Time:*' set to 7/31/2021 12:01 AM and 'Due Date Time:*' set to 8/6/2021 11:59 PM), 'Assignment Visibility' (with 'Publish visible to student on:*' set to 5/1/2021 12:01 AM and 'Publish Until (View previous work until):*' set to 8/31/2021 12:00 AM), and 'Timed Assignments' (with a 'Total Minutes' input field). A note at the bottom states: 'Note: The Total Minutes above represents the total available time the student will have for the assignment. This is NOT additional time.' There are 'Update' and 'Cancel' buttons at the bottom right.

1. First, select the student's name by using the drop-down or by typing in the field (**Figure 79**).

Figure 79: Select the Student

HW1 - Assignment Extensions

#	Student	Start	Due	End	Publish	Publish Until	Solution Visible Start Date Time	Total Minutes	Reset Timer
<p>Student</p> <p>Student: * <input type="text" value=""/></p> <p>Primary Assignment Dates</p> <p>Start Date Time: * <input type="text" value="8/6/2021 11:59 PM"/></p> <p>End Date Time: * <input type="text" value=""/></p> <p>Assignment Visibility</p> <p>Publish visible to student on: * <input type="text" value="5/1/2021 12:01 AM"/></p> <p>Solution Visible Start Date Time: <input type="text" value=""/></p> <p><small>This date is only active when 'Students can View Solutions' check box on Assignment Editor page is checked.</small></p> <p>Timed Assignments</p> <p><small>You can override the amount of time allowed for a timed assignment. Put in the total time, NOT the additional time. Leave blank if you want to use the default time specified below. NOTE: See Manage Roster for any disability settings.</small></p> <p>Total Minutes: <input type="text" value=""/></p> <p>Update Cancel</p> <p>Note: The Total Minutes above represents the total available time the student will have for the assignment. This is NOT additional time.</p>									

2. Next, change the assignment dates as needed by typing in the box or using the drop-down (**Figure 81**). The drop-down will produce a calendar to help you in your date selection (**Figure 80**).

Figure 80: Date Selection Calendar

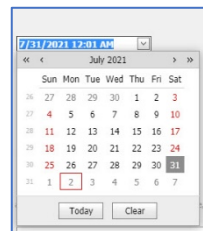


Figure 81: Change the Dates

HW1 - Assignment Extensions

#	Student	Start	Due	End	Publish	Publish Until	Solution Visible Start Date Time	Total Minutes	Reset Timer
<p>Student</p> <p>Student: * <input type="text" value="Baggins, Frodo - frodo@lotr.com"/></p> <p>Primary Assignment Dates</p> <p>Start Date Time: * <input type="text" value="7/31/2021 12:01 AM"/></p> <p>End Date Time: * <input type="text" value="8/6/2021 11:59 PM"/></p> <p>Assignment Visibility</p> <p>Publish visible to student on: * <input type="text" value="5/1/2021 12:01 AM"/></p> <p>Solution Visible Start Date Time: <input type="text" value=""/></p> <p><small>This date is only active when 'Students can View Solutions' check box on Assignment Editor page is checked.</small></p> <p>Timed Assignments</p> <p><small>You can override the amount of time allowed for a timed assignment. Put in the total time, NOT the additional time. Leave blank if you want to use the default time specified below. NOTE: See Manage Roster for any disability settings.</small></p> <p>Total Minutes: <input type="text" value=""/></p> <p>Update Cancel</p> <p>Note: The Total Minutes above represents the total available time the student will have for the assignment. This is NOT additional time.</p>									

3. If the assignment is timed, you can adjust the total minutes allowed under **Timed Assignments** (**Figure 82**).

Note: This represents the total amount of time available to the student for the assignment. This is not additional time.

4. Lastly, to save your settings click **Update** or click **Cancel** to exit without saving.

Figure 82: Complete Extension

Student

Student:

Primary Assignment Dates

Start Date Time: Due Date Time:

End Date Time:

Assignment Visibility

Publish visible to student on: Publish Until (View previous work until):

Solution Visible Start Date Time:

This date is only active when 'Students can View Solutions' check box on Assignment Editor page is checked.

Timed Assignments

You can override the amount of time allowed for a timed assignment. Put in the total time, NOT the additional time. Leave blank if you want to use the default time specified below. NOTE: See Manage Roster for any disability settings.

Total Minutes:

Note: The Total Minutes above represents the total available time the student will have for the assignment. This is NOT additional time.

Update Cancel

If the assignment is timed, you can adjust the total time for the assignment here by typing the number of minutes in the box or using the up and down arrows.

When you're finished, click on Update to save the extension or Cancel to exit without saving.

After clicking on **Update**, you will return to the **Add New Extension** screen but now you will see the extension settings displayed (Figure 83). When you are finished click on the in the upper right-hand corner to return to the **Assignment Edit/Create** screen.

Figure 83: Extension Screen

#	Student	Start	Due	End	Publish	Publish Until	Solution Visible Start Date Time	Total Minutes	Reset Timer
<input type="button" value="Edit"/> <input type="button" value="Delete"/>	Baggins, Frodo frodo@lotr.com	08/31/2021 12:01AM	09/17/2021 11:59PM	09/20/2021 11:59PM	05/01/2021 12:01AM	09/30/2021 12:00AM		120	<input type="button" value="Reset"/>

Note: The Total Minutes above represents the total available time the student will have for the assignment. This is NOT additional time.

Add New Extension

Reset

Edit Delete

A B

C

- A. **Edit** – Allows you to edit an extension
- B. **Delete** – This will delete the extension permanently
- C. **Reset** – This will reset the timer for the extension.

You can also create an extension for a student from the manual grading screen of the assignment. To access the manual grading screen, click on the arrow next to the assignment or right click the assignment and then select **Manage Grades (Grade Manually)** (see Figure 84).

Figure 84: Manage Grades (Grade Manually)

Assignment	Weight	Publish
Learning Expert TA	1	May 01, 2021 12:01 AM

- Create Assignment
- Edit Assignment
- Delete Assignment
- Take Assignment
- View Printable Assignment
- Copy Assignment
- View Grade Report (shows your detailed work)
- Manage Grades (Grade Manually)**
- View Grades (Spreadsheet)
- View Assignment Solutions
- Take in Practice Mode
- Export Assignment Text Answers
- Assignment Analytics

Select the student's name from the leftmost column and then click **Create** (see [Figure 85](#)).

Figure 85: Create an Extension in Manual Grading screen of an Assignment

Class Management | Instructor | Help

Switch to Part Centric View For help on this page click here.

Students	Grade View - HW1							
Baggins, Frodo	Previous	Next	Student: Brandybuck, Merry			<input type="checkbox"/> Show Correct	<input type="checkbox"/> Expand Submission History and Grade Summary	
Brandybuck, Merry	Extension:	Publish	Start	Due	End	Solution Visible	Publish Until	
Gamgee, Samwise	Create							
Lady of the Wood, Gal								

Figure 86: Add an Extension from the Manual Grading screen

Once you click **Create**, a pop-up window will appear that will allow you to create an extension ([Figure 86](#)), similarly to how it is done through the **Edit/Create Assignment** screen. Make any date and/or time adjustments and click **Save** to save the extension or **Cancel** to return to the manual grading screen without saving.

Class: Physics Demo
 Assignment: HW1
 Student: Brandybuck, Merry

Publish: 05/01/2021 12:01 AM
 Start: 08/02/2021 12:01 AM
 Due: 08/09/2021 11:59 PM
 End: 08/09/2021 11:59 PM
 Solution:
 Publish Until: 08/31/2021 12:00 AM

Solution Visible date is only active when 'Students can View Solutions' check box on Assignment Editor page is checked. Currently all students of this class are not allowed to view solutions since it is not checked.

Last Date that Students can View Work/Solutions

Save Cancel

After the extension is saved, you will see the details of the extension from the **Manual Grading** screen (see [Figure 87](#)).

Figure 87: Editing an Extension in the Manual Grading screen

Class Management | Instructor | Help

Switch to Part Centric View For help on this page click here.

Students	Grade View - HW1							
Baggins, Frodo	Previous	Next	Student: Brandybuck, Merry			<input type="checkbox"/> Show Correct	<input type="checkbox"/> Expand Submission History and Grade Summary	
Brandybuck, Merry	Extension:	Publish	Start	Due	End	Solution Visible	Publish Until	
Gamgee, Samwise	Edit Delete	05/01/2021 12:01 AM	08/02/2021 12:01 AM	08/09/2021 11:59 PM	08/09/2021 11:59 PM	08/09/2021 12:00 AM	08/31/2021 12:00 AM	
Lady of the Wood, Gal	Lockdown:	Current Open Count: 0		Max Open Count: 1		Edit		
Lord of Rivendell, Elr								

- Click **Edit** to update the extension or **Delete** to remove the extension
- The **Lockdown** area is only available if the assignment template has the **Respondus Lockdown Browser** enabled. It shows how many times the student has opened the assignment and how many times the assignment is allowed to be opened. The **Max Open Count** can be adjusted for the individual student by clicking on **Edit** here. See [Respondus Lockdown Browser](#) for more information on this feature.
- The **Total Minutes Timer** is only visible when a timer has been set on the assignment (see [Timing an Assignment](#)). The **Reset** will reset the assignment timer for the student. After clicking on **Reset**, you will see a pop-up message to confirm that you want to reset the student timer ([Figure 88](#)). Click **OK** to reset the timer or **Cancel** to return to the **Manual Grading** screen. If you click **OK**, you will see a pop-up message confirming the timer was reset.

Figure 88: Reset Timer Pop-Up Messages

dei56mo.theexpertta.com says

Are you sure to reset this timer?

OK Cancel

dei56mo.theexpertta.com says

Student assignment timer has been reset!

OK

Grade Preference Templates

Warning: Grade templates are not assignment specific. Making changes to a grade template will apply the change to every assignment the template is assigned to. It is **NOT** recommended that you change grade templates or modify a grade template on an active assignment (between the start date and due date when students can enter answers to problems) because it can cause unexpected results. If you wish to modify a grade template for a specific assignment, it is recommended that you create a new grading template and apply it to the assignment before the start date.

The **Grade Preferences** area can be found by hovering over **Instructor** in the blue bar at the top of the screen (**Figure 89**).

Figure 89: Grade Preferences



After clicking on Grade Preferences, you will be presented with the screen in **Figure 90**.

Figure 90: Grade Preferences Screen

Class Management | Instructor | Help

For help on this page click here.

Grade Preference Templates

- Instructor Default
- Homework
- Quizzes
- Exams

Please Select...

Instructor Default Template

Grade Preferences for the Following question types: Equations, Numeric, Multiple Select

Submission Attempts

Number of allowed Submission Attempts (number of attempts) Range: 1 to 999

Deduction for each Incorrect Submission Attempt (% of part value) Range: 0 to 100

Hints and Feedback

Students are allowed to access Hints? ☒ Yes ☐ No

Deduction for each accessed Hint (% of part value) Range: 0 to 100

Students are allowed to access Feedback? ☒ Yes ☐ No

Deduction for each accessed Feedback (% of part value) Range: 0 to 100

Access to Correct Answer

The student is shown the correct answer if all Submission Attempts are used, or the student selects the "I Give Up!" button.

Students are allowed to access the Correct Answer? ☒ Yes ☐ No

Deduction for accessing Correct Answer (% of part value) Range: 0 to 100

Show full solution during assignment? ☒ Yes ☐ No

Late Work

Start % for Late Work (% of part value) Range: 0 to 100

Floor % for Late Work (% of part value) Range: 0 to 100

Rate of Decrease in Percentage % decrease Per Hour

Randomization

Randomize Variables? ☒ Yes ☐ No

Randomize Phrases? ☒ Yes ☐ No

Partial Credit

Final Answer Partial Credit Allowed? ☒ Yes ☐ No

Access to Printable Assignment

Are students able to access a printable version of the assignment? ☒ Yes ☐ No

Free Body Diagram

Use proportionality when grading ☒ Yes ☐ No

Indicate if Submission is Correct

Students will be notified if the answer is "correct" or "incorrect". If "No" is selected, the student will only be told that their answer has been successfully submitted. (NOTE: If you select a setting of "No" here, you should **very carefully** consider both the settings for "Access to Correct Answer" and "Students are allowed to access Feedback". If you are unsure, please feel free to contact your account manager or contact us at main@theexpertta.com.)

Has access to see if the answer submitted is correct ☒ Yes ☐ No

Default Manual Grade

Set the default grade value given for submissions to a manually graded question types.

Default Manual Grade Value (% of part value) Range: 0 to 100

Respondus Lockdown Browser

Set the requirement to utilize the lockdown browser while taking the assignment.

Is Required? ☒ Yes ☐ No

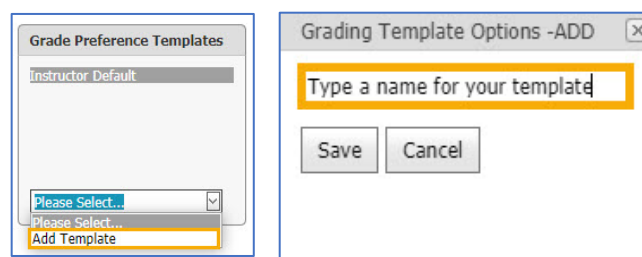
Max times to open an assignment allowed

Save Preferences

On the left side of the **Grade Preferences** screen is the **Grade Preference Templates** panel. This is where you can create grade preference templates for different grading needs (example: quizzes, homework, and exams).

Figure 91: Add a Template

To create a new **Grade Preference Template**, click on the drop-down menu under **Grade Preference Templates** and select **Add Template** (Figure 91). Next, a pop-up window will appear where you will enter a name for the new grade template and click **Save** to add it to your **Grade Preference Templates**. Click **Cancel** to return to the **Grade Preference** screen without creating a template.



After you have saved the new template name, you will click on that name in the **Grade Preference Template** panel to edit your preferences. Below is a description of the available preferences and their functions in the order they appear.

Submission Attempts

This is the number of times the student is allowed to submit incorrect answers to problems on their assignment and their deduction for each incorrect submission (Figure 92). The range for the submission attempts is 1-999 and the range for the deduction for each incorrect submission is 0-100. Both can be adjusted by typing a number in the field or by using the up/down arrows.

Figure 92: Submission Attempts

Submission Attempts	
Number of allowed Submission Attempts	3 (number of attempts) Range: 1 to 999
Deduction for each Incorrect Submission Attempt	4 (% of part value) Range: 0 to 100

The student will see their **Attempts remaining** and their **Deductions** per attempt to the far right in the answer section of their assignment (Figure 93). The **Attempts remaining** count down for each incorrect submission. The **Grade Summary** at the top shows the student their potential score after the submission deductions and any hints and/or feedback accessed.

Figure 93: Submission Attempts Student View

50% Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.

cells/hummingbird =

sin()	cos()	tan()	π	()	7	8	9	HOME
cotan()	asin()	acos()	E	10^x	4	5	6	\leftarrow
atan()	acotan()	sinh()	/	*	1	2	3	\rightarrow
cosh()	tanh()	cotanh()	+	-	0	.	END	
<input checked="" type="radio"/> Degrees <input type="radio"/> Radians			$\sqrt{\quad}$	BACKSPACE	CLEAR			

Submit Hint Feedback I give up!

Hints: 4% deduction per hint. Hints remaining: 2

Feedback: 5% deduction per feedback.

Grade Summary

Deductions 0%

Potential 100%

Submissions

Attempts remaining: 3

(4% per attempt)

[detailed view](#)

Grade Summary

Deductions 8%

Potential 92%

Submissions

Attempts remaining: 1

(4% per attempt)

[detailed view](#)

1	4%
2	4%

The student can see their attempts remaining and the deductions per attempt

Hints and Feedback

Hints and Feedback are not always available for every question, but you can allow the students to access one or both by clicking the **Yes** radio button or prevent them from being used by clicking the **No** radio button (Figure 94). If Hints and/or Feedback are allowed, you can also adjust the deduction for accessing a hint or feedback by typing 0-100 in the field or using the up/down arrows.

Figure 94: Hints and Feedback Setting

Hints and Feedback

Students are allowed to access Hints? ☒ Yes ☐ No

Deduction for each accessed Hint (% of part value) Range: 0 to 100

Students are allowed to access Feedback? ☒ Yes ☐ No

Deduction for each accessed Feedback (% of part value) Range: 0 to 100

If available and allowed, the student will see hints and feedback at the bottom of their answer window (Figure 95). The **Hints** window and the **Feedback** window also show the deduction for accessing them, so the student is aware before they use either option.

Figure 95: Hints and Feedback Student View

50% Part (a) What should be the value of the exponent n so that the formula $\pi x^n y^1$ represents a volume?

$n =$

sin()	cos()	tan()	π	(	)	7	8	9	HOME
cotan()	asin()	acos()	E	\uparrow	\wedge	4	5	6	\leftarrow
atan()	acotan()	sinh()		/	*	1	2	3	\rightarrow
cosh()	tanh()	cotanh()		+	-	0	.	END	
<input checked="" type="radio"/> Degrees <input type="radio"/> Radians			$\sqrt{}$	BACKSPACE	DEL	CLEAR			

Submit Hint Feedback I give up!

Hints: 1 for a 4% deduction. Hints remaining: 0

-Volume has dimensions of length cubed.

Feedback: 1 for a 5% deduction

The answer provided was not correct. We have recognized the following.

- Your answer appears to be off by a factor of 1/2.

Grade Summary

Deductions 13%

Potential 87%

Submissions

Attempts remaining: 2 (4% per attempt) [detailed view](#)

1 4%

Access to Correct Answer

These settings allow the student to see the correct answer and/or the full solution if all the **Submission Attempts** are used (see [Submission Attempts](#)) or if the student selects the **I give up!** button in a problem (Figure 96). These settings can be enabled by clicking the **Yes** radio button or disabled by clicking on the **No** radio button. The **Deduction for accessing the Correct Answer** is a deduction applied when the student uses the **I give up!** button for a problem and can be adjusted from 0-100 by typing in the field or using the up/down arrows.

Figure 96: Access to Correct Answer Setting

Access to Correct Answer

The student is shown the correct answer if all Submission Attempts are used, or the student selects the "I Give Up!" button.

Students are allowed to access the Correct Answer? ☒ Yes ☐ No

Deduction for accessing Correct Answer (% of part value) Range: 0 to 100

Show full solution during assignment? ☒ Yes ☐ No

If **Students are allowed to access the Correct Answer** setting is enabled, the students will see the correct answer shown after they have used all their submission attempts or they have clicked on the **I give up!** button in their assignment (Figure 97). If **show full solution during assignment** setting is enabled, the student will see a detailed explanation of how to solve the problem.

Figure 97: Access to Correct Answer Student View

50% Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.

Grade = 0%

Correct Answer	Student Final Submission	Feedback
cells/hummingbird = 1E+12	cells/hummingbird = 3	

Grade Summary

Deduction for Final Submission	100%
Deductions for Incorrect Submissions, Hints and Feedback [?]	8%
Student Grade = 100 - 100 - 8 = 0%	

Detailed Explanation

As stated, the mass of an average cell is

$$m_c = 10m_b \text{ kg}$$

where m_b is the mass of a bacterium in kg. The number of cells in a hummingbird is

$$n_c = \frac{m_h}{m_c} = \frac{m_h}{10m_b}$$

where m_h is the mass of one hummingbird. Plugging in numbers and converting units as needed,

$$n_c = \frac{(10^{-2} \text{ kg})}{(10 \cdot 10^{-15} \text{ kg})}$$

cells/hummingbird = 1000000000000

Callout 1 (Pink): If "Students are allowed to access the Correct Answer" is enabled the correct answer will be displayed here.

Callout 2 (Purple): If "Show full solution during assignment" is enabled, the student will see a detailed explanation of how to solve the problem step by step.

Late Work

If you want to accept late work, you will need to change the **End** date to a date after the **Due** date (see [Specify Assignment Availability Dates](#) for more information). Late work deduction percentages can be adjusted by typing a number from 0-100 in the field or by using the up/down arrows (Figure 98).

Figure 98: Late Work Deduction Settings

Late Work

Start % for Late Work: 50 (% of part value) Range: 0 to 100

Floor % for Late Work: 0 (% of part value) Range: 0 to 100

Rate of Decrease in Percentage: 0 % decrease Per Hour

Randomization

This setting helps prevent cheating by allowing you to search what randomized variable(s) and/or phrase(s) a student received on a problem in an assignment. To enable click on the **Yes** radio button or click on the **No** radio button to disable (Figure 99).

Figure 99: Randomization Setting

Randomization

Randomize Variables? ☒ Yes ☐ No

Randomize Phrases? ☒ Yes ☐ No

To use the search function when randomization is enabled, click on **Randomized Variables Phrases** under Instructor in the blue bar at the top of the screen (Figure 100).

Figure 100: Randomized Variables Phrases

The screenshot shows the top navigation bar with the following elements:

- Class Management** | **Instructor** | **Help**
- Under **Instructor**: **Grade Preferences**, **Academic Integrity Preferences**, **Classes** (dropdown menu), and **Randomized Variables Phrases** (highlighted with a yellow box).
- Under **Classes**: **Physics Demo** (dropdown menu).
- Class Menu** (dropdown menu) with the text "Please Select..."

On the next screen you will use the drop-down menus to select your **Classes**, **Assignments**, and **Problems** (Figure 101).

Figure 101: Randomized Variable Phrases Search Screen

The screenshot shows the search screen with the following elements:

- Class Management** | **Instructor** | **Help**
- Three dropdown menus: **Classes** (showing "Physics Demo"), **Assignments**, and **Problems**.
- A blue bar at the bottom with the text: **Randomized Variables Phrases Assigned Students**.

When you have made your selections from the drop-down boxes, the main problem statement will be visible with any random variables from the assignment. Type the random variable(s) you are searching for in the field(s) and then click Search to begin the search (Figure 102).

Figure 102: Randomized Variable Search

The screenshot shows the search screen with the following elements:

- Class Management** | **Instructor** | **Help**
- Three dropdown menus: **Classes** (showing "Physics Demo"), **Assignments** (showing "HW1"), and **Problems** (showing "1.1.10").
- Alg, 3**
The masses in this problem are given in units of grams (g), utilizing a metric prefix. Give the masses in kilograms (kg). For example, the metric prefix M (mega) stands for 10^6 , so 40 Mg is equal to $4.0 \times 10^4 \text{ kg}$.
- Options: a. 12 mg, b. 563 Tg, c. 32 ng, d. 4.6 g, e. 2.4 Pg
- Search fields: a = 28, b = 654, c = , d = , e =
- A pink callout box: "This problem had parts a-e. Type in a value to one, or more, variables and then click Search"
- A blue bar at the bottom with the text: **Randomized Variables Phrases Assigned Students**.

Search results will be displayed at the bottom ([Figure 103](#)). The more variables you can search at a time, the narrower your results will be. As you can see from the example below, you can see the Instructor, Class, Assignment, Student, and all Variables in their assignment problem. When you are finished with this search, click on **Class Management** in the upper left-hand corner to return to the **Class Management** screen.

Figure 103: Randomized Variable Search Results

The screenshot shows the 'Class Management' interface with three dropdown menus: 'Classes' (Physics Demo), 'Assignments' (HW1), and 'Problems' (1.1.10). Below these is a problem description 'Alg, 3' and a list of multiple-choice options. A search bar contains the values 'a = 28', 'b = 654', 'c =', 'd =', and 'e =', followed by a 'Search' button. Below the search bar is a table of search results, highlighted by a pink box. The table has columns: Instructor, Class, Assignment, Student, and Variables. The results show 'harmony@instructor.com' for the instructor, 'Physics Demo' for the class, 'HW1' for the assignment, 'samwise@lotr.com' for the student, and 'a=28, b=654, c=58, d=5.2, e=2.9' for the variables. A pink callout box with an arrow pointing to the table contains the text: 'Search results are displayed here. The more random variables you have to search with the narrower your results will be.'

Instructor	Class	Assignment	Student	Variables
harmony@instructor.com	Physics Demo	HW1	samwise@lotr.com	a=28, b=654, c=58, d=5.2, e=2.9

Partial Credit

Occasionally an equation can offer partial credit for answers that are close to the correct answer or for common mistakes ([Figure 104](#)). To enable this feature click on the **Yes** radio button or click on the **No** radio button to disable the feature.

Figure 104: Partial Credit Setting

Partial Credit
Final Answer Partial Credit Allowed? ☒ Yes ☐ No

Access to Printable Assignment

Enables students to have a printable version of their assignment (see [View Printable Assignment](#) for more details). To enable this setting click on the **Yes** radio button or click on the **No** radio button to disable this setting ([Figure 105](#)).

Figure 105: Access to Printable Assignment Setting

Access to Printable Assignment
Are students able to access a printable version of the assignment? ☒ Yes ☐ No

Free Body Diagram

This setting only applies to Free Body Diagram problems. To enable click on the **Yes** radio button or click on **No** radio button to disable (Figure 106).

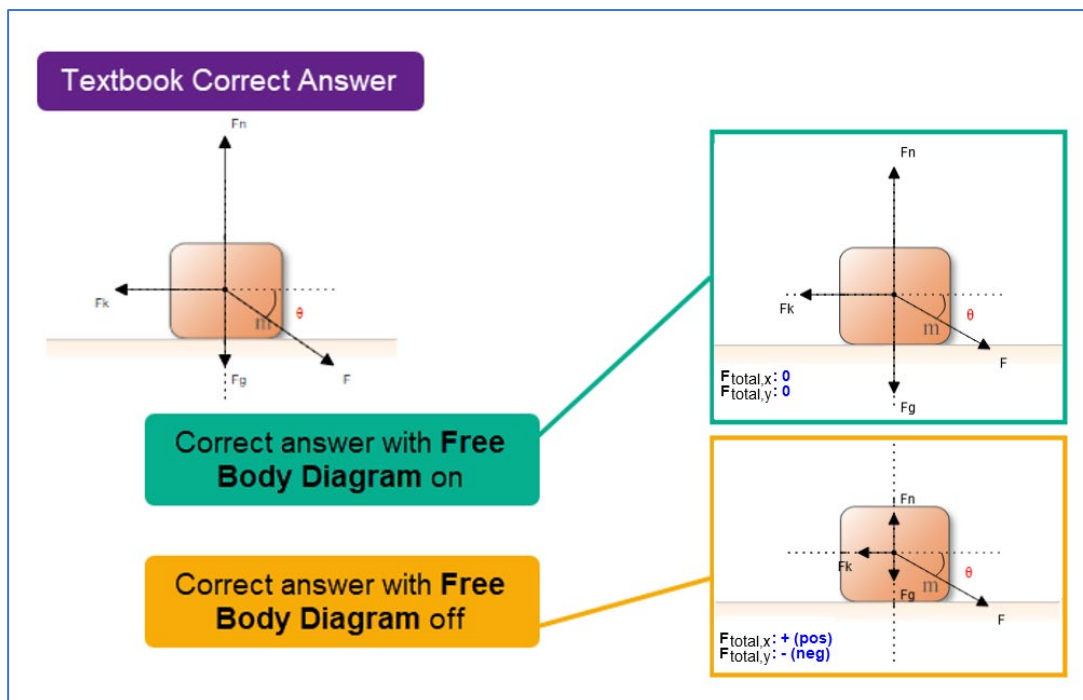
Figure 106: Free Body Diagram Setting

Free Body Diagram

Use proportionality when grading ☒ Yes ☐ No

If this setting is enabled, the grading will incorporate the proportionality of the vectors. If this setting is disabled, the grading will just be based on the angles of the vectors (Figure 107).

Figure 107: Free Body Diagram Setting Example



Indicate if Submission is Correct

Warning: This setting can be complicated. Please read this section carefully before selecting **Yes** or **No**.

Figure 108: Indicate if Submission is Correct Setting

Indicate if Submission is Correct

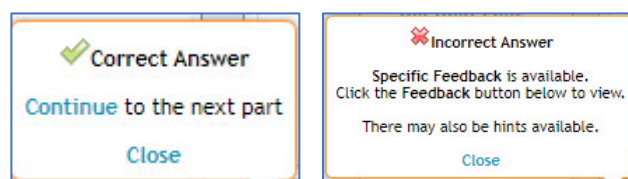
Students will be notified if the answer is "correct" or "incorrect". If "No" is selected, the student will only be told that their answer has been successfully submitted. (NOTE: If you select a setting of "No" here, you should **very carefully** consider both the settings for "Access to Correct Answer" and "Students are allowed to access Feedback". If you are unsure, please feel free to contact your account manager or contact us at main@theexpertta.com)

Has access to see if the answer submitted is correct ☒ Yes ☐ No

As the setting indicates, **Access to Correct Answer** settings are related to this setting. This is explained in more detail below.

Figure 109: Correct and Incorrect Notification

To enable this setting, click on the Yes radio button. When enabled, the student will be notified if the answer submitted is “correct” or “incorrect” (Figure 109).



If the **Students are allowed to access the Correct Answer** setting is disabled (Figure 96) while this setting is enabled, when the student uses all of their allotted attempts, they will see a note that the correct answer is “*not available until the end date*” in place of the correct answer (Figure 110). However, the correct answer will not be displayed after the end date as the message states because the **Students are allowed to access the Correct Answer** setting is disabled.

Figure 110: Correct Answer Not Available

25% Part (a) What is 4.1×10^{-5} kg in units of mg?

Grade = 0%

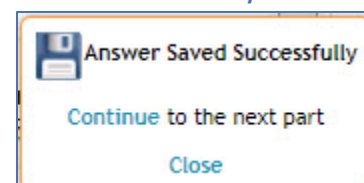
Correct Answer	Student Final Submission	Feedback
Not available until end date	mass in mg = 2	

Grade Summary

Deduction for Final Submission	100%
Deductions for Incorrect Submissions, Hints and Feedback [?]	0%
Student Grade = 100 - 100 - 0 = 0%	

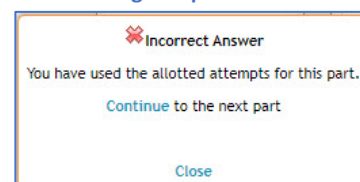
To disable this setting, click on the **No** radio button. If this setting is disabled, the student will only be notified that their answer has been successfully submitted (Figure 111). The submitted answers are graded all at once after the due date for the assignment has passed. The student can also continue entering answers until they have used all their submission attempts, but only the last answer submitted is graded.

Figure 111: Answer Saved Successfully



If the **Students are allowed to access the Correct Answer** setting is enabled (see [Access to Correct Answer](#)) while this setting is disabled, the student will not see the correct answer after the submission attempts are used. If the student clicks the **I give up!** button, they will see a notification that the answer is incorrect, and they have used the allotted attempts for the part. If **Show full solution during assignment** (see [Access to Correct Answer](#)) is enabled while this setting is disabled, the full solution will be displayed when the allotted attempts are used but not when the **I give up!** button is used.

Figure 112: Incorrect Answer when "I give up!" Used



After clicking **Edit**, you will see a new pop-up screen (Figure 116). Add extra open attempts to the **Max Open Count** by typing a number in the field or use the up arrow. When you're finished click on the **Save** button to save your changes or click **Cancel** to return to the **Manual Grading** screen.

After clicking **Save**, you will return to the **Manual Grading** screen. In (Figure 117), you can see that the **Max Open Count** has changed from 1 to 8.

Figure 116: Edit Max Open Count

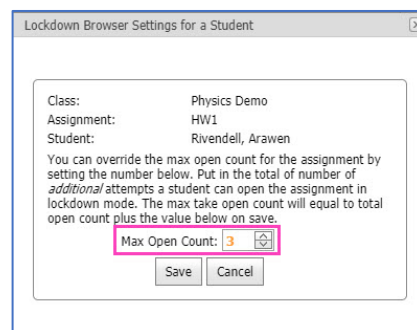
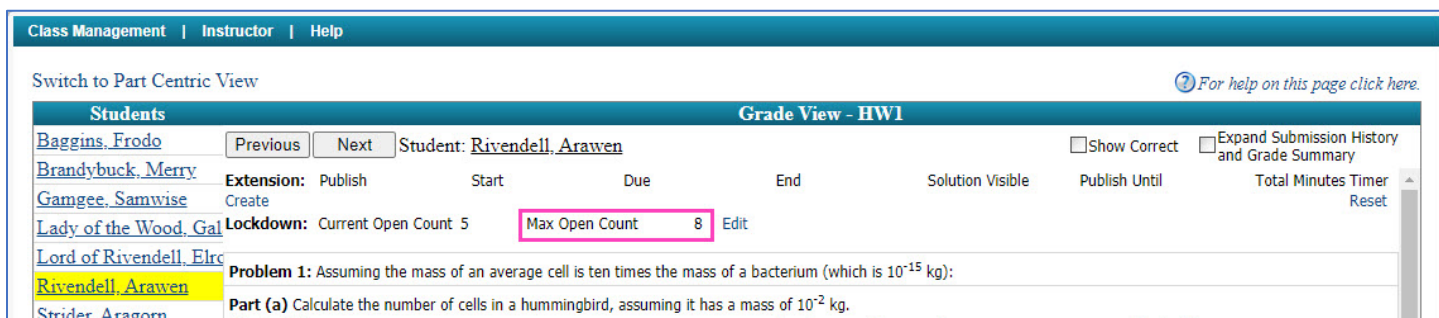
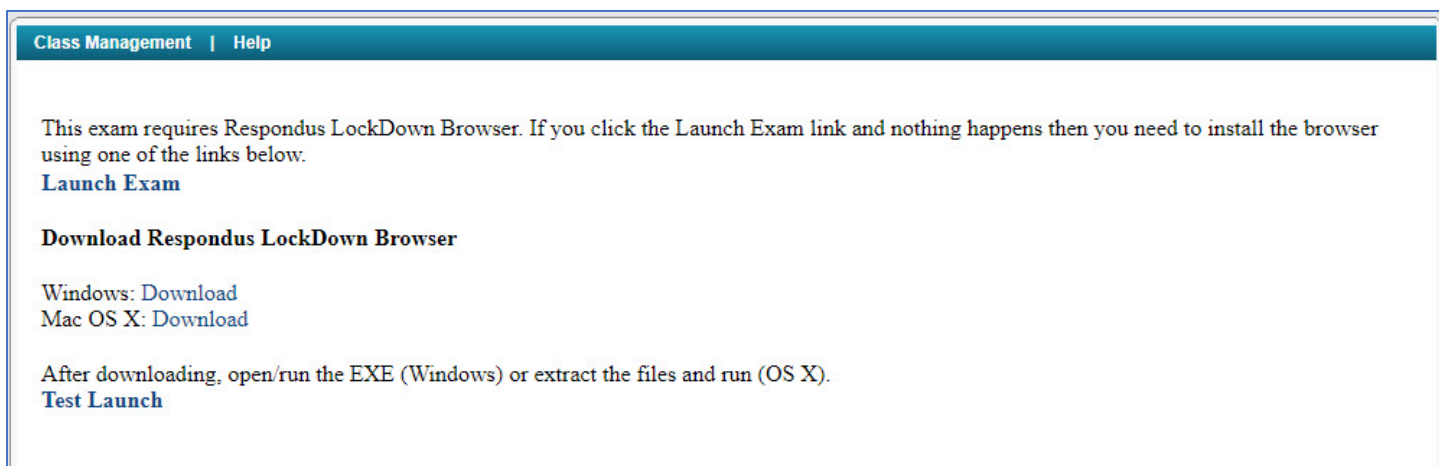


Figure 117: Edit Max Open Count Completed



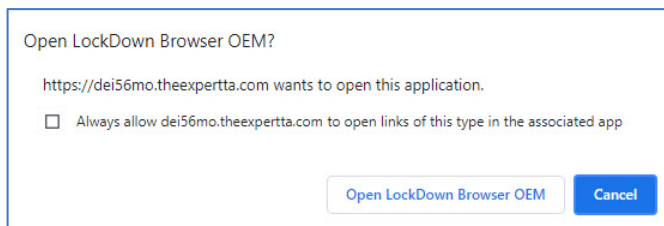
When the student opens an assignment with the Respondus Lockdown Browser enabled, they will see a window like the one in Figure 118. From this window, the student can **Download Respondus Lockdown Browser** software, perform a **Test Launch** to ensure the lockdown browser works properly before opening the assignment, and lastly, they can open their assignment using the lockdown browser by clicking on **Launch Exam**.

Figure 118: Respondus Lockdown Browser screen



When the student clicks on **Launch Exam**, they will receive one final notification asking if they want to open Lockdown Browser OEM (Figure 119). The student can click on the checkbox to "always allow" before clicking on **Open LockDown Browser OEM** to continue to their assignment or the student can click on **Cancel** to return to the **Respondus Lockdown Browser** screen (Figure 118).

Figure 119: Open Lockdown Browser Notification

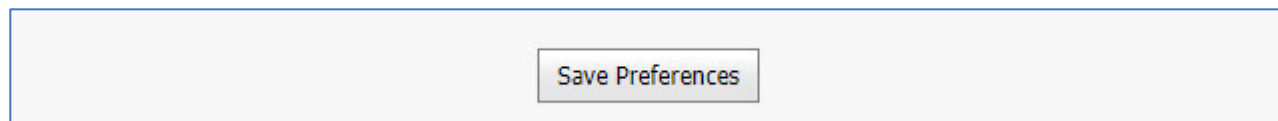


For more information on the Respondus Lockdown Browser and how to use it see the [Expert TA: Respondus Lockdown Browser User Manual](#).

Saving the Grade Preference Template

When you have made all the changes you want to your grading template, click on the **Save Preferences** button at the bottom of the page ([Figure 120](#)). Click on **Class Management**, in the blue bar at the top of the page, to return to the **Class Management** screen.

Figure 120: Save Preferences



Changing the Grade Preference Template in an Assignment

After you have saved your new **Grade Preference Template**, the next step is to add that template to your assignment. To do this, start by editing your assignment (see [Editing an Assignment](#)) and then select the grade template by clicking on the drop-down box next to **Grade Template** (see [Figure 121](#)).

Figure 121: Selecting the Grade Template in an Assignment

The screenshot shows the 'Physics Demo' assignment editing screen. At the top is a navigation bar with 'Class Management | Instructor | Help'. Below it is a title bar 'Physics Demo' and a help link. A row of buttons includes 'Save Only', 'Save And Exit', 'Undo Changes', 'Delete Assignment', 'Printable Assignment', 'View Solutions', 'Extensions', and 'Security'. The main form has fields for 'Assign. Name:' (HW1), 'Weight:' (1), 'Description:' (HW1), and 'Grade Template:' (Exams). A dropdown menu for 'Grade Template' is open, showing options: 'Instructor Default', 'Homework', 'Quizzes', 'Exams' (highlighted), and 'Custom'. Below these is an 'Integrity Temp.' dropdown. A table with columns 'Add Question Pool', 'Add To', 'Prob #', and 'Weight' is shown, with one row containing 'Prob 1' and '1.1.7 x'. On the right, there is a 'Publish Date' section with a date and time picker, and an 'Assignment Dates' section with a start date and time picker.

Custom Grade Template

In [Figure 121](#) above, you will notice that there is a Custom option in the Grade Template drop-down menu. The Custom grade template has all the same settings described in [Grade Preference Templates](#), but the settings in a Custom template only apply to the assignment they are set on. This can be useful for a one-time use, but if find yourself using the same settings repeatedly, we recommend that you create Grade Preference Template to save yourself some time and effort.

Academic Integrity Preferences

Academic Integrity Preferences allow instructors to provide warnings and/or deterrents to prevent students from cheating on their assignments by posting images of their problems on internet sites.

To access the **Academic Integrity Preferences**, click on **Instructor** in the blue bar at the top of the page and then click on **Academic Integrity Preferences** (Figure 122).

Figure 122: Academic Integrity Preferences



On the next screen, you will see descriptions of the settings that can be enabled by clicking on the **Yes** radio button or disabled by clicking on the **No** radio button (Figure 123).

Figure 123: Academic Integrity Template Screen

 This screenshot shows the 'Academic Integrity Templates' screen. On the left, there is a sidebar titled 'Academic Integrity Templates' with a dropdown menu showing 'Instructor Default' and a 'Please Select...' option. The main content area is titled 'Instructor Default Template' and contains several sections:

- Most instructors agree...**: A paragraph explaining that students need to do the work themselves and that getting help from the internet is not helpful.
- Syllabus Recommendation**: A paragraph advising on how to specify resources in a syllabus.
- Expert TA Terms of Service**: A paragraph explaining that Expert TA problems are copyrighted and that violating the TOS can result in account discontinuation.
- "Academic Integrity" / "Honor Code" Policy Page**: A paragraph explaining that a 'Class Policy' page can be displayed to remind students of rules.
- Yes/No options for Honor Code and Expert TA TOS**: Two sets of radio buttons (Yes/No) for displaying specific text to students. The 'No' options are selected. Below each set is a text box containing the default text to be displayed.
- In Assignment Deterrents**: A paragraph explaining features designed to prevent students from posting problem images.
- Yes/No options for Deterrents**: Two sets of radio buttons (Yes/No) for displaying student name and tracking ID in the problem statement area. The 'No' options are selected.
- Save Preferences**: A button at the bottom right of the main content area.

"Academic Integrity" / "Honor Code" Policy Page

Every time the student opens an assignment, they can be presented with a "Class Policy" page that reminds them about which resources they should NOT use during the assignment. The Honor Code and Expert TA TOS (Terms of Service) can be used alone, together, or not at all as needed (**Figure 124**).

Figure 124: Academic Integrity Messages

"Academic Integrity" / "Honor Code" Policy Page
 Every time the student opens an assignment, they can be presented with a "Class Policy" page that reminds them about which resources they should NOT use during the assignment. You can customize the message that the students see on this page. You can also choose to display a reminder about Expert TA's Terms of Service on this page as well.

☐ Yes ☒ No **Honor Code:** I want to display the following text to students each time they open an assignment.

For this assignment, you are not allowed to post your problem to the internet to be solved and are not permitted to solicit answers to assignment problems from any source. It is against class policy to use any "answer sharing website" to search for the solutions to your homework problems.

☐ Yes ☒ No **Expert TA TOS:** I want to display the following text to students each time they open an assignment.

Expert TA problems are copyrighted. It is expressly forbidden in Expert TA's Terms of Service (TOS) for a student to post this copyrighted material. Violating the TOS can result in the discontinuation of the student's Expert TA account.

1. **Honor Code** – This message can be customized for your and/or the institution class policy needs by typing in the text box.
2. **Expert TA TOS** – This message cannot be customized but advises students that our material is copyrighted. Posting images of our copyrighted material is a violation of the Terms of Service the students agree to when they register for each class and can result in the discontinuation of the student's Expert TA account.

If either or both policies are enabled, the student will see them as they open their assignment (see **Figure 125**). The student will have to click on **Agree and Continue** to continue to their assignment or the student can click on **Back** to go back to the **Class Management** screen.

Figure 125: Student View of Selected Class Policies

Class Management | Help

Honor Code and Class Policies about this Assignment

For this assignment, you are not allowed to post your problem to the internet to be solved and are not permitted to solicit answers to assignment problems from any source. It is against class policy to use any "answer sharing website" to search for the solutions to your homework problems.

Expert TA's Terms - Related Terms

Expert TA problems are copyrighted. It is expressly forbidden in Expert TA's Terms of Service (TOS) for a student to post this copyrighted material. Violating the TOS can result in the discontinuation of the student's Expert TA account.

Back By continuing, you indicate that you understand and agree to adhere to these Policies and Terms during this assignment. Agree and Continue

In Assignment Deterrents

If the following settings are not enabled, students can post their problems on the internet with “some” anonymity by taking a screen capture of their problem or by taking a picture of their screen with their phone. With the student’s name and/or a tracking number displayed in the problem area, students would need to first open the screen capture image or picture in editing software to remove the identifiable information before posting on the internet. These settings can be used alone, together, or not at all as needed (**Figure 126**).

Figure 126: In Assignment Deterrents

In Assignment Deterrents

If the following measures are not enabled, students can post their problems to the internet with “some” anonymity. They can do that by taking a screen capture of their problem, or even by taking a picture of their screen with their phone, and posting the image. The following features are designed to impede that. With the student name and/or a tracking number displayed in problem area, students cannot simply take a picture and post. They would need to first open the picture in some editing software and remove these identifiable pieces of information.

☒ Yes ☐ No **Display student name in the problem statement area.**

☒ Yes ☐ No **Display Tracking ID in the problem statement area.**

In **Figure 127** below, you can see what these settings will look like from the student’s perspective as they take the assignment. As you can see the name and tracking ID are in light grey.

Figure 127: Student View of Selected Deterrent Settings

Class Management | Help

HW1 Begin Date: 7/31/2021 12:01:00 AM -- Due Date: 8/6/2021 11:59:00 PM End Date: 8/13/2021 11:59:00 PM

(9%) **Problem 10:** In this problem, the symbols M, L, and T represent the dimensions mass, length, and time, respectively. Consider the physical quantities s , v , a , and t with dimensions $[s] = L$, $[v] = LT^{-1}$, $[a] = LT^{-2}$, and $[t] = T$. (Here, the square bracket means “the dimensions of” so, for example, $[s]$ represents the dimensions of the quantity s .)

Rivendell, Arawen - arawen@lotr.com

Student's name and email is displayed here

Tracking ID is displayed here along with a shortened version of Expert TA's Terms of Service

@theexpertta.com - tracking id: 6M79-E9-2D-43-AB05-15224. In accordance with Expert TA's Terms of Service, copying this information to any solutions sharing website is strictly forbidden. Doing so may result in termination of your Expert TA Account.

25% **Part (a)** What is the simplest expression involving only a and s that has the same dimensions as v^2 ?

expression =

β	γ	θ	(	)	7	8	9	HOME
a	d	g	\uparrow	\downarrow	4	5	6	\leftarrow
h	j	k	/	*	1	2	3	\rightarrow
m	n	P	+	-	0	.		END
s	t	v	$\sqrt{\quad}$	BACKSPACE	DEL	CLEAR		

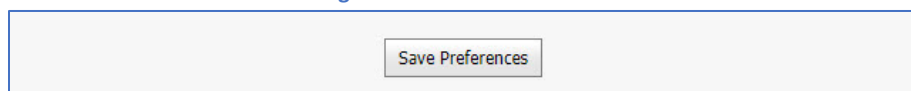
Submit Hint Feedback I give up!

Grade Summary
Deductions 0%
 Potential 100%
 Late Work % 50%
 Late Potential 50%

Submissions
Attempts remaining: 5
 (4% per attempt)
 [detailed view](#)

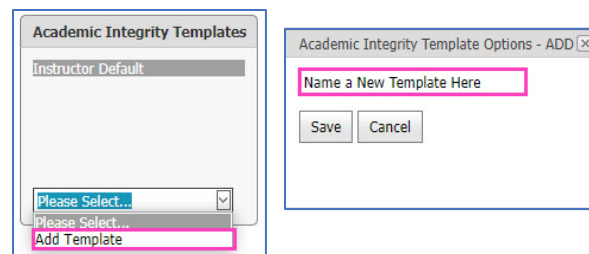
When you are finished selecting and editing settings, click on **Save Preferences** at the bottom of the screen (Figure 128).

Figure 128: Save Preferences



You can also create more than one Academic Integrity Template by clicking the drop-down in the **Academic Integrity Templates** and then clicking on **Add Template** (Figure 129). In the pop-up window, name your new template by typing in the field and then clicking **Save** to save your template name or click **Cancel** to return to the **Academic Integrity Template** screen.

Figure 129: Add an Academic Integrity Template

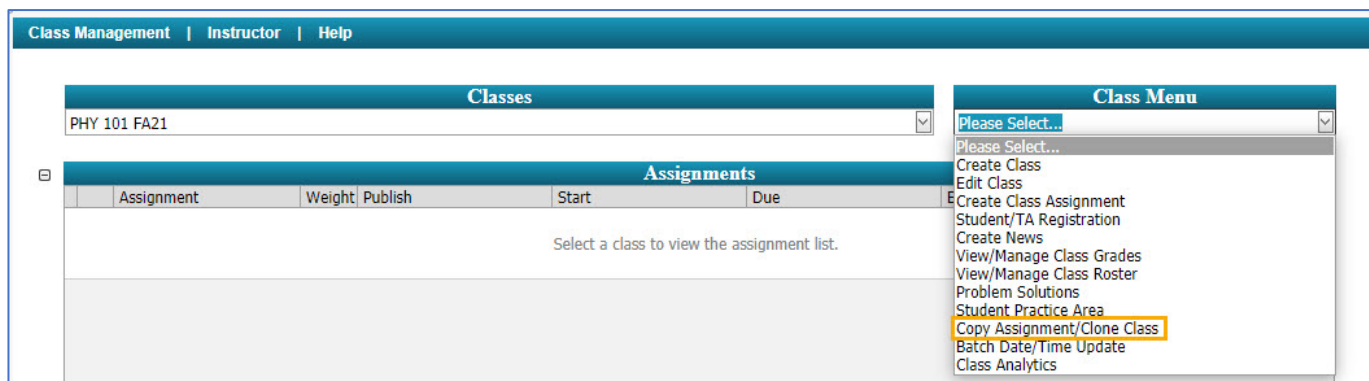


Copy Assignment/Clone Class

Expert TA offers a way to copy an assignment or clone a class. This will allow you to repeat an assignment from class to class and retain any settings you applied.

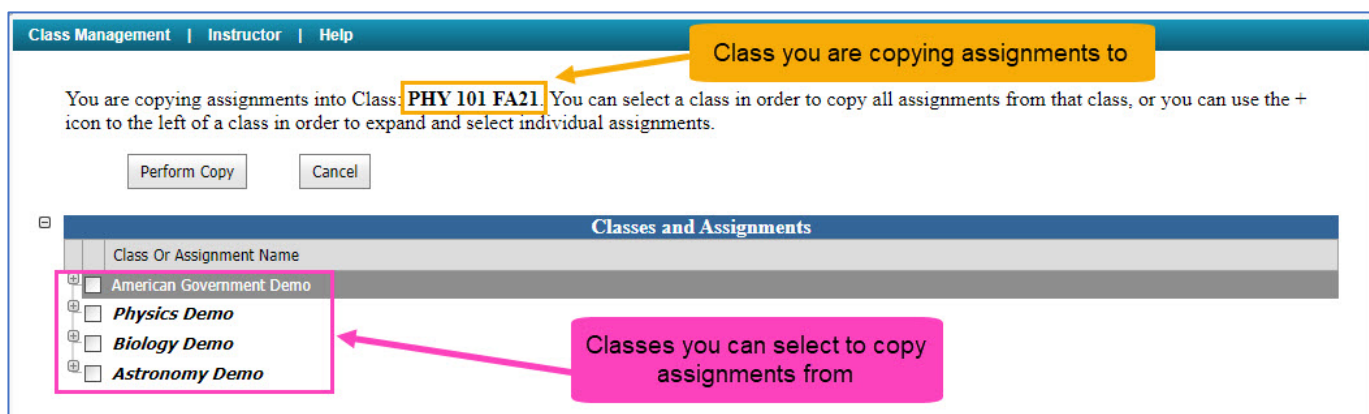
1. To start, select the class you want to copy or clone to from the **Classes** drop-down and then select **Copy Assignment/Clone Class** from the **Class Menu** drop-down on the **Class Management** screen (Figure 130).

Figure 130: Copy Assignment/Clone Class



2. On the next screen (Figure 131), the system identifies the class you are copying to so you can ensure you are copying to the correct class.

Figure 131: Class Copy Screen



3. Next, select the class you are copying from (in this example we will select the Physics Demo class).
 - a. Place a checkmark next to the class to select all the assignments in the class, like [Figure 132](#).

Figure 132: Select All Assignments in a Class

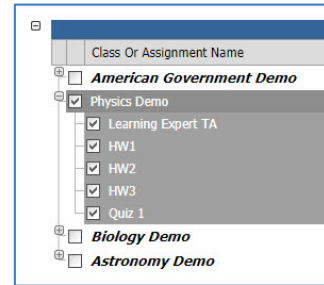


Figure 133: Select One or More Assignments

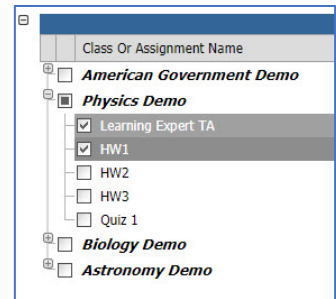
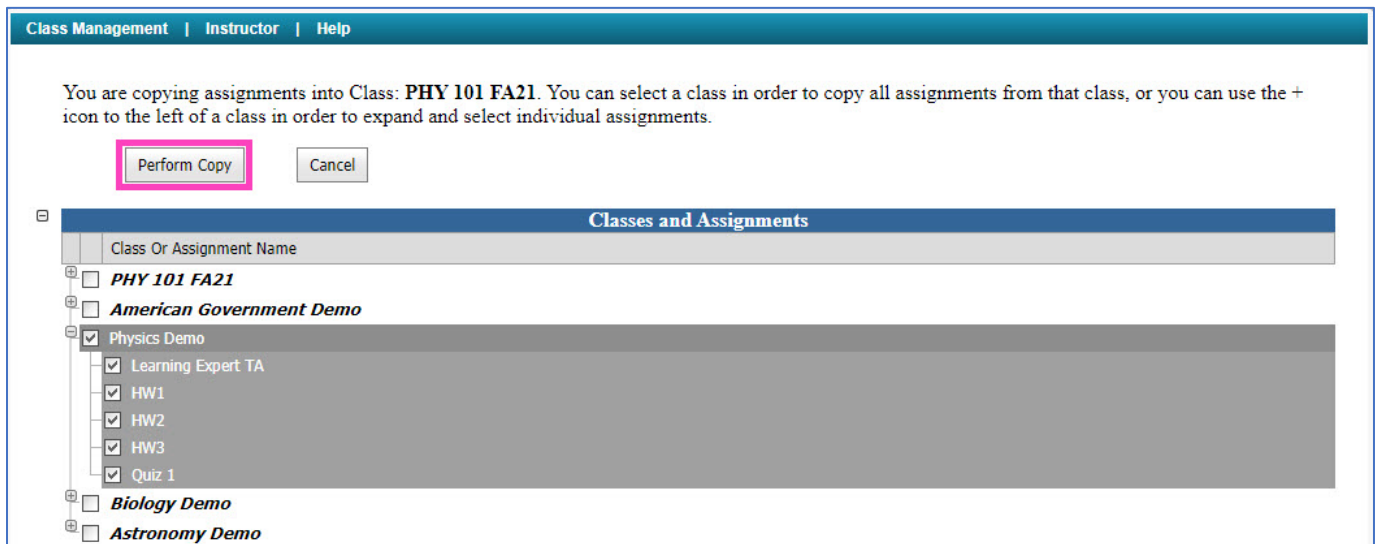


Figure 133.

4. Once you have selected the assignments or the class you want to copy, click on the **Perform Copy** button to copy them to the selected class. In [Figure 134](#), we are copying all the assignments from Physics Demo to our new PHY 101 FA21 class. Click on the **Cancel** button to return to the **Class Management** screen without copying.

Figure 134: Perform Copy



5. After clicking on **Perform Copy**, you will receive a pop-up notification asking if you are sure you want to perform the copy (Figure 135). Click on **OK** to copy or click **Cancel** to return to the **Copy Assignment/Clone Class** screen.

Figure 135: Copy Confirmation Notification

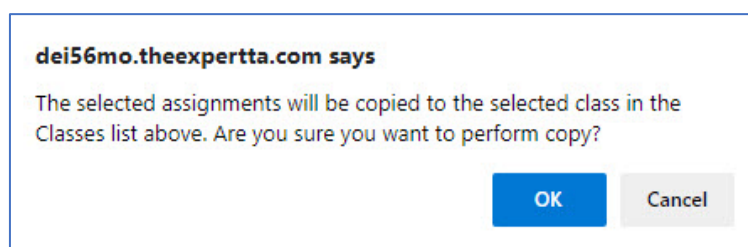
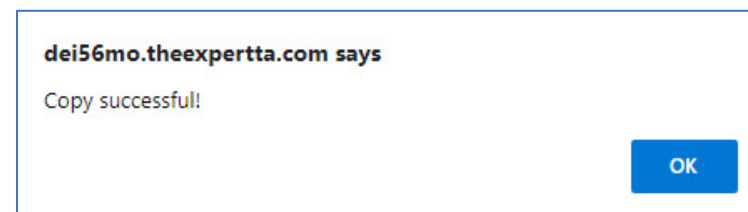


Figure 136: Copy Successful Notification

6. After clicking **OK**, you will receive another pop-up notification advising that the copy was successful (Figure 136).



7. After clicking **OK**, you will return to the **Class Management** screen where you can see and modify the assignments you copied (Figure 137).

Figure 137: Copy Class/Assignment Completed

Class Management | Instructor | Help

Classes

PHY 101 FA21

Class Menu

Please Select...

Assignments

	Assignment	Weight	Publish	Start	Due	End	Min	Template	
⊞ ▼	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM		Instructor Default	▲
⊞ ▼	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 24, 2021 11:59 PM	2	Exams	
⊞ ▼	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM		Homework	
⊞ ▼	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default	
⊞ ▼	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	60	Quizzes	

Note: When copying an assignment into a class that has an assignment with the same name, the assignment name will be amended with "(Copy 1)". If the same assignment is copied multiple times, "(Copy #)" increases by one for each copy (see Figure 138). If you copied the assignment multiple times by mistake, you could delete the assignment (see [Deleting an Assignment](#) for instructions). If you intentionally copied the same assignment into a class multiple times, you could rename the assignment (see [Editing an Assignment](#) for instructions) or you can leave the name as is with no changes.

Figure 138: Assignment Copied Multiple Times

Class Management | Instructor | Help

Classes

PHY 101 FA21

Class Menu

Please Select...

Assignments

	Assignment	Weight	Publish	Start	Due	End	Min	Template	
⊞ ▼	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM		Instructor Default	▲
⊞ ▼	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 24, 2021 11:59 PM	2	Exams	
⊞ ▼	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM		Homework	
⊞ ▼	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default	
⊞ ▼	HW3 (Copy 1)	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default	
⊞ ▼	HW3 (Copy 2)	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default	
⊞ ▼	HW3 (Copy 3)	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default	
⊞ ▼	HW3 (Copy 4)	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default	
⊞ ▼	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	60	Quizzes	

Copy Assignment

Expert TA offers another way to copy an assignment from one class to another. Unlike the previous **Copy Assignment/Clone Class** method, this will only copy one assignment at a time.

1. First, select the assignment you want to copy and either click on the assignment or the ▼ next to the assignment and select **Copy Assignment** from the **Assignment** menu (Figure 139).

Figure 139: Select Copy Assignment

The screenshot shows the Expert TA interface with the 'Class Management' tab selected. The 'Classes' dropdown is set to 'PHY 101 FA21'. The 'Class Menu' dropdown is set to 'Please Select...'. The 'Assignments' table is displayed with the following data:

Assignment	Weight	Publish	Start	Due	End	Min	Template
▼ Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM		Instructor Default
▼ HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 10, 2021 11:59 PM	Aug 11, 2021 11:59 PM	2	Exams
▼ HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM		Homework
▼ HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default
▼ Create Assignment			AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	60	Quizzes
▼ Edit Assignment			AM	Sep 06, 2021 12:01 AM	Sep 06, 2021 11:59 PM	60	Quizzes

The 'Copy Assignment' option is highlighted in the dropdown menu for the 'HW3' assignment.

2. Next, select the class or classes you want to copy the assignment to and click **Copy** to copy the assignment or **Cancel** to return to the **Class Management** screen (Figure 140).

Figure 140: Select the Class or Classes to Copy the Assignment to

The screenshot shows the 'Copy Assignment Quiz 1' dialog box. The title is 'Copy Assignment Quiz 1'. Below the title, it says 'To Selected Classes'. The list of classes includes:

- ☒ PHY 101 FA21
- ☐ American Government Demo
- ☐ Physics Demo
- ☐ Biology Demo
- ☐ Astronomy Demo

The 'PHY 101 FA21' class is selected. At the bottom of the dialog, there are 'Copy' and 'Cancel' buttons. An orange callout box points to the 'PHY 101 FA21' checkbox with the text: 'Select the class you want to copy the assignment to. Note: more than one class can be selected.'

3. After clicking **Copy**, you will be taken back to the **Class Management** screen where you can see and/or modify your copied assignment (**Figure 141**).

Figure 141: Copy Assignment Completed

Class Management | Instructor | Help

Classes

PHY 101 FA21

Class Menu

Please Select...

Assignments

	Assignment	Weight	Publish	Start	Due	End	Min	Template
⊕ ▼	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM		Instructor Default
⊕ ▼	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 24, 2021 11:59 PM	2	Exams
⊕ ▼	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM		Homework
⊕ ▼	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default
⊕ ▼	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	60	Quizzes
⊕ ▼	Quiz 1 (Copy 1)	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	60	Quizzes

Batch Date/Time Update

The **Batch Date/Time Update** menu allows you to adjust the dates and/or times of multiple assignments at once. To access this function, select **Batch Date/Time Update** from the **Class Menu** drop-down on the **Class Management** screen (**Figure 142**).

Figure 142: Select Batch Date/Time Update

Class Management | Instructor | Help

Classes

PHY 101 FA21

Assignments

	Assignment	Weight	Publish	Start	Due
⊞ ▼	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM
⊞ ▼	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM
⊞ ▼	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM
⊞ ▼	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM
⊞ ▼	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM
⊞ ▼	Quiz 1 (Copy 1)	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM

Class Menu

Please Select...

Please Select...

Create Class
Edit Class
Create Class Assignment
Student/TA Registration
Create News
View/Manage Class Grades
View/Manage Class Roster
Problem Solutions
Student Practice Area
Copy Assignment/Clone Class
Batch Date/Time Update
Class Analytics

Next, you will see the **Batch Date/Time Update** screen (Figure 143).

Figure 143: Batch Date/Time Update Screen

Class Management | Instructor | Help

Classes

PHY 101 FA21

Weeks: 0, Days: 0, Hours: 0, Minutes: 0

☒ Publish ☒ Start ☒ Due ☒ End ☒ Students Access to Solutions ☐ Last Date that Students can View Work/Solutions

Update Cancel

Assignments

Time displayed in (UTC-06:00) Central Time (US & Canada)

<input type="checkbox"/>	Assignment	Weight	Publish	Start	Due	End	Solution Accessibl
<input type="checkbox"/>	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM	
<input type="checkbox"/>	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 24, 2021 11:59 PM	
<input type="checkbox"/>	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM	
<input type="checkbox"/>	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM	
<input type="checkbox"/>	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	
<input type="checkbox"/>	Quiz 1 (Copy 1)	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	

Below you will find a list of assignments for the class selected. You can move using a combination of weeks, days, hours, and minutes (negative numbers are allowed). Your choices within each may go in a positive or negative direction as indicated. Please note the check boxes for each date to be changed. This allows specific dates to be modified and allow other dates to remain unchanged.

To use the **Batch Date/Time Update** feature:

1. First, select the class you want to update from the **Classes** drop-down (Figure 144).

Figure 144: Select Class to Update

Classes

PHY 101 FA21

PHY 101 FA21

American Government Demo

Physics Demo

Biology Demo

Astronomy Demo

2. Next, select the assignment or assignments you want to update by checking the box next to the assignment (Figure 145).

Figure 145: Select the Assignment or Assignments to Update

Assignments

Time displayed in (UTC-06:00) Central Time (US & Canada)

<input type="checkbox"/>	Assignment	Weight	Publish	Start	Due	End	Solution Accessibl
<input type="checkbox"/>	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM	
<input type="checkbox"/>	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 24, 2021 11:59 PM	
<input type="checkbox"/>	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM	
<input type="checkbox"/>	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM	
<input type="checkbox"/>	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	
<input checked="" type="checkbox"/>	Quiz 1 (Copy 1)	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	

Note: Selecting the checkbox next to **Assignment** will select all the assignments in a class (Figure 146).

Figure 146: Select All Assignments

Assignments

Time displayed in (UTC-06:00) Central Time (US & Canada)

<input checked="" type="checkbox"/>	Assignment	Weight	Publish	Start	Due	End	Solution Accessibl
<input checked="" type="checkbox"/>	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM	
<input checked="" type="checkbox"/>	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 24, 2021 11:59 PM	
<input checked="" type="checkbox"/>	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM	
<input checked="" type="checkbox"/>	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM	
<input checked="" type="checkbox"/>	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	
<input checked="" type="checkbox"/>	Quiz 1 (Copy 1)	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	

3. Next, select which dates you want to update (**Figure 147**). You can update all date fields at once or individually.

Figure 147: Select the Dates to Update

Note: If you select **Last Date that Students can View Work/Solutions** a warning notification will pop-up to ask if you are sure you want to update this date (**Figure 148**). Click **OK** to continue and the box will be checked. Uncheck the box if you do not want to update this date.

Figure 148: Warning Notification

4. Next, select the timeframe to update by typing a number in the field or using the up and down arrows (**Figure 149**). Negative numbers allow you to go backwards in time. The **Weeks** range is from -104 to 104. The **Days** range is -365 to 365. The **Hours** range is -60 to 60. The **Minutes** range is -60 to 60.

Figure 149: Select Timeframe for the Update

5. After you select the timeframe(s) to be updated, click on the **Update** button to update the assignment dates, or click **Cancel** to return to the **Class Management** screen (**Figure 150**).

Figure 150: Update or Cancel Buttons

6. After clicking on the **Update** button, a warning notification will pop-up advising that the new dates will go into effect immediately and asking if you are sure you want to update the dates (**Figure 151**). Click **OK** to continue updating the assignment dates or click **Cancel** to return to the **Batch Date/Time Update** screen.

Figure 151: Batch Update Warning

7. After clicking **OK**, you will receive another pop-up message advising if the update was successful (**Figure 152**).

Figure 152: Batch Update Successful

The example in [Figure 153](#), shows that the **Publish** date, **Start** date, **Due** date, and **Students Access to Solutions** date were all moved forward 22 **Weeks**, 5 **Days**, and 30 **Minutes**.

Figure 153: Batch Update Example 1

Class Management | Instructor | Help

Classes

PHY 101 FA21

Weeks

22

Days

5

Hours

0

Minutes

30

☒ Publish
 ☒ Start
 ☒ Due
 ☒ End
 ☒ Students Access to Solutions
 ☐ Last Date that Students can View Work/Solutions

Update Cancel

Assignments

Time displayed in (UTC-06:00) Central Time (US & Canada)

<input type="checkbox"/>	Assignment	Weight	Publish	Start	Due	End	Solution Accessibl
<input type="checkbox"/>	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM	
<input type="checkbox"/>	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 24, 2021 11:59 PM	
<input type="checkbox"/>	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM	
<input type="checkbox"/>	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM	
<input type="checkbox"/>	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	
<input checked="" type="checkbox"/>	Quiz 1 (Copy 1)	1	Oct 07, 2021 12:31 AM	Jan 29, 2022 12:31 AM	Jan 30, 2022 12:29 AM	Jan 30, 2022 12:29 AM	

The example in [Figure 154](#), shows that the **Publish** date, **Start** date, **Due** date, and **Students Access to Solutions** date were all moved backward in time (using negative numbers) 22 **Weeks**, 5 **Days**, and 30 **Minutes**.

Figure 154: Batch Update Example 2

Class Management | Instructor | Help

Classes

PHY 101 FA21

Weeks

-22

Days

-5

Hours

0

Minutes

-30

☒ Publish
 ☒ Start
 ☒ Due
 ☒ End
 ☒ Students Access to Solutions
 ☐ Last Date that Students can View Work/Solutions

Update Cancel

Assignments

Time displayed in (UTC-06:00) Central Time (US & Canada)

<input type="checkbox"/>	Assignment	Weight	Publish	Start	Due	End	Solution Accessibl
<input type="checkbox"/>	Learning Expert TA	1	May 01, 2021 12:01 AM	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM	
<input type="checkbox"/>	HW1	1	May 01, 2021 12:01 AM	Jul 31, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 24, 2021 11:59 PM	
<input type="checkbox"/>	HW2	1	May 01, 2021 12:01 AM	Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM	
<input type="checkbox"/>	HW3	1	May 01, 2021 12:01 AM	Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM	
<input type="checkbox"/>	Quiz 1	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	
<input checked="" type="checkbox"/>	Quiz 1 (Copy 1)	1	May 01, 2021 12:01 AM	Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	

When you are finished making date and time updates, click on **Cancel** or **Class Management** to return to the **Class Management** screen.

Viewing Assignment Solutions

The Expert TA offers multiple ways to view solutions to problems and assignments. From the **Class Management** screen, click on the assignment or the ▼ next to the assignment name to open the **Assignment** menu and select **View Assignment Solutions** (Figure 155).

Figure 155: Select View Assignment Solutions

The screenshot shows the 'Class Management' interface. At the top, there are tabs for 'Class Management', 'Instructor', and 'Help'. Below this, there are two dropdown menus: 'Classes' (set to 'PHY 101 FA21') and 'Class Menu' (set to 'Please Select...'). The main section is titled 'Assignments' and contains a table with columns: Assignment, Weight, Publish, Start, Due, End, Min, and Template. The first row is 'Learning Expert TA' with a weight of 1, published on May 01, 2021, and due on Jul 13, 2021. A dropdown menu is open for this assignment, showing options: 'Create Assignment', 'Edit Assignment', 'Delete Assignment', 'Take Assignment', 'View Printable Assignment', 'Copy Assignment', 'View Grade Report (shows your detailed work)', 'Manage Grades (Grade Manually)', 'View Grades (Spreadsheet)', 'View Assignment Solutions' (highlighted with a yellow box), 'Take in Practice Mode', 'Export Assignment Text Answers', and 'Assignment Analytics'.

Once you select **View Assignment Solutions**, you will see the assignment with full solutions for each problem (see Figure 156).

Figure 156: Assignment Full Solutions View

The screenshot shows the 'Physics Demo HW1' assignment page. At the top, there is a 'View Basic/Answers' button (highlighted with a yellow box) and a 'Switch to Basic/Answers view by clicking here' button (highlighted with a yellow box). Below this, there is a note: 'Note: The variables used in the below solutions are not the same as those used in your assignment.' followed by 'Begin Date: 8/16/2021 12:01:00 AM -- Due Date: 9/14/2021 11:59:00 PM End Date: 9/17/2021 11:59:00 PM'. The main section is titled 'Problem 1 - 1.1.7 :'. The text reads: 'Assuming the mass of an average cell is ten times the mass of a bacterium (which is 10^{-15} kg):'. Below this, there is a pink box containing the solution for 'Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.' The solution includes the text: 'As stated, the mass of an average cell is', the equation $m_c = 10m_b$ kg, the text 'where m_b is the mass of a bacterium in kg. The number of cells in a hummingbird is', the equation $n_c = \frac{m_h}{m_c} = \frac{m_h}{10m_b}$, the text 'where m_h is the mass of one hummingbird. Plugging in numbers and converting units as needed,', the equation $n_c = \frac{(10^{-2} \text{ kg})}{(10 \cdot 10^{-15} \text{ kg})}$, and a box containing the final answer: 'cells/hummingbird = 1000000000000'. A pink callout box with an arrow points to the solution, stating: 'Full Solution includes step by step solution details and is displayed here.'

The full solution view shows a detailed step by step solution to the problems. Click on **View Basic/Answers** near the top of the screen to switch to the basic solution view of the assignment.

If you click on **View Basic/answers**, you will see the assignment with basic answers for each problem (Figure 157). Click on **View Full Solutions** to switch back to the full solution view of the assignment.

Figure 157: Assignment Basic Answer View

Class Management | Instructor | Help

Physics Demo HW1 [View Full Solutions](#)

Note: The variables used in the below solutions are not the same as those used in your assignment.
Begin Date: 8/16/2021 12:01:00 AM -- **Due Date:** 9/14/2021 11:59:00 PM **End Date:** 9/17/2021 11:59:00 PM

Problem 1 - 1.1.7 :
 Assuming the mass of an average cell is ten times the mass of a bacterium (which is 10^{-15} kg):

Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.
 $cells/hummingbird = 10^{12}$
 $cells/hummingbird = 1000000000000$
 Tolerance: ± 300000000000

Part (b) Calculate the number of cells in a human, assuming they have a mass of 10^2 kg.
 $cells/human = 10^{16}$
 $cells/human = 1E+16$
 Tolerance: ± 3000000000000000

Edit Assignment View Solutions

Assignment solutions can also be viewed while in the **Edit Assignment** screen by clicking on the **View Solutions** button at the top (Figure 158).

Figure 158: View Solutions Button

Class Management | Instructor | Help

PHY 101 FA21 [For help on this page click here](#)

Save Only Save And Exit Undo Changes Delete Assignment Printable Assignment **View Solutions** Extensions Security

Assign. Name: HW1 Weight: 1 Grade Template: Exams
 Description: HW1 Integrity Temp.: Instructor Default

Publish Date (Date the Assignment will be visible to Students in their list)
 Date: 05/01/2021 12:01 AM

After clicking on the **View Solutions** button, a new tab will open in your browser and the full solutions to the assignment will be displayed (**Figure 159**). As you can see from the image, this method to **View Solutions** is the same as the previously mentioned **View Assignment Solutions**. Click on **View Basic/Answers** to switch to the basic answer view of the assignment and click on **View Full Solutions** to switch back to the full solutions view when in the basic answer view. To exit, close the opened tab with the solutions or you can switch back to the tab with the **Edit Assignment** screen.

Figure 159: View Solutions from the Edit Assignment Screen

PHY 101 FA21 HW1

View Basic/Answers

Note: The variables used in the below solutions are not the same as those used in your assignment.
Begin Date: 7/31/2021 12:01:00 AM -- **Due Date:** 8/10/2021 11:59:00 PM **End Date:** 8/11/2021 11:59:00 PM

Problem 1 - 1.1.7 :
 Assuming the mass of an average cell is ten times the mass of a bacterium (which is 10^{-15} kg):

Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.

As stated, the mass of an average cell is

$$m_c = 10m_b \text{ kg}$$

where m_b is the mass of a bacterium in kg. The number of cells in a hummingbird is

$$n_c = \frac{m_h}{m_c} = \frac{m_h}{10m_b}$$

where m_h is the mass of one hummingbird. Plugging in numbers and converting units as needed,

$$n_c = \frac{(10^{-2} \text{ kg})}{(10 \cdot 10^{-15} \text{ kg})}$$

cells/hummingbird = 1000000000000

Students can View Solutions

In the **Edit Assignment** screen on the right-hand side, there is a setting **Students can View Solutions**. This setting allows the student to view the full solutions to the assignment starting on the date entered.

To enable this setting, click on the check box (**Figure 160**).

Figure 160: Students can View Solutions Setting

Class Management | Instructor | Help

PHY 101 FA21 For help on this page click here

Save Only | Save And Exit | Undo Changes | Delete Assignment | Printable Assignment | View Solutions | Extensions | Security

Assign. Name: HW1 Weight: 1 Grade Template: Exams
 Description: HW1 Integrity Temp.: Instructor Default

Add Question Pool	Prob #	Weight	Problems
Add To	Prob 1	1	1.1.7 x
Expand	Prob 2	1	1.1.1 x
	Prob 3	2	1.1.10 x
	Prob 4	3	1.1.11 x 1.1.12 x 1.1.13 x 1.1.14 x
	Prob 5	2	c1.2.3 x
	Prob 6	2	1.2.1 x
	Prob 7	3	1.2.3 x
	Prob 8	3	1.2.8 x
	Prob 9	3	1.2.10 x
	Prob 10	2	1.3.12 x

Click on the check box to enable your students to view the assignment solutions

Books | **Chapters**

Expert TA: Introduction to Physics | Expert TA System

Filter by Problem Difficulty and Type

☒ All Problems
 ☐ 1 Easy
 ☐ 2 Medium-Easy
 ☒ All Problems
 ☐ Algebra

☐ 3 Medium
 ☐ 4 Medium-Hard
 ☐ 5 Hard
 ☐ Calculus
 ☐ Conceptual

Publish Date (Date the Assignment will be visible to Students in their list)
 Date: 05/01/2021 12:01 AM

Assignment Dates
 Start: 07/31/2021 12:01 AM
 Due: 08/10/2021 11:59 PM
 End: 08/11/2021 11:59 PM

☒ Timed Assignment 2 Min
 Reset All Students Timers

☐ **Students can View Solutions**
 Start: [] []

Publish Until (Last Date that Students can View Work/Solutions)
 End: 12/31/2021 12:00 AM

☐ **Take in Practice Mode**
 Start: [] []
 End: [] []

Figure 161: Students can View Solutions Warning Notification

dei56mo.theexpertta.com says

Please be aware that by turning Solutions Visibility on you will need to validate any existing extensions to ensure they are set to have access to solutions based on the individual extension settings.

OK

When you click on the checkbox, a pop-up message will appear to warn you to validate any existing extensions to ensure they are set to have access to solutions based on the individual settings (**Figure 161**). For more information on extensions see [Managing Extensions for a Student](#).

Next, enter the date and time you want the students to be able to view the solutions to the assignment, see [Figure 162](#). The date can be edited by typing in the box or by using the down arrow to select a date from the calendar. The time can be updated by typing in the box or by using the up or down arrows.

Figure 162: Students can View Solutions - Enter Date

PHY 101 FA21 [For help on this page click here](#)

Save Only Save And Exit Undo Changes Delete Assignment Printable Assignment View Solutions Extensions Security

Assign. Name: HW1 Weight: 1 Grade Template: Exams
Description: HW1 Integrity Temp.: Instructor Default

Add Question Pool	Prob #	Weight	Problems
Add To	Prob 1	1	1.1.7 x
Expand	Prob 2	1	1.1.1 x
	Prob 3	2	1.1.10 x
	Prob 4	3	1.1.11 x 1.1.12 x 1.1.13 x 1.1.14 x
	Prob 5	2	1.2.3 x
	Prob 6	2	1.2.1 x
	Prob 7	3	1.2.3 x
	Prob 8	3	1.2.8 x
	Prob 9	3	1.2.10 x
	Prob 10	2	1.3.12 x

Start date automatically sets to match the End date for the assignment by default but date and time can be changed, as needed.

Books Expert TA: Introduction to Physics **Chapters** Expert TA System

Filter by Problem Difficulty and Type

☒ All Problems ☐ 1 Easy ☐ 2 Medium-Easy ☒ All Problems ☐ Algebra
☐ 3 Medium ☐ 4 Medium-Hard ☐ 5 Hard ☐ Calculus ☐ Conceptual

Publish Date (Date the Assignment will be visible to Students in their list)
 Date: 05/01/2021 12:01 AM

Assignment Dates
 Start: 07/31/2021 12:01 AM
 Due: 08/10/2021 11:59 PM
 End: 08/11/2021 11:59 PM
☒ Timed Assignment 2 Min
[Reset All Students Timers](#)

☒ **Students can View Solutions**
 Start: 08/11/2021 11:59 PM

Publish Until (Last Date that Students can View Work/Solutions)
 End: 12/31/2021 12:00 AM

☐ **Take in Practice Mode**
 Start:
 End:

Note: The **Start** date for this setting will automatically default to match the **End** date and time of the assignment, but the date and time can be set to any date and time desired.

With the **Students can View Solutions** setting enabled and after the set **Start** date has passed, a student can view the solutions to an assignment by clicking on the assignment and selecting **View Assignment Solutions** ([Figure 163](#)).

Figure 163: View Assignment Solutions as Configured

Assignments							
Assignment	Weight	Start	Due	End	Min	Template	Status
▼ Learning Expert TA	1	Jul 06, 2021 12:01 AM	Jul 13, 2021 11:59 PM	Jul 13, 2021 11:59 PM		Instructor Default	No Work
▼ Take Assignment		Jul 31, 2021 12:01 AM	Aug 10, 2021 11:59 PM	Aug 11, 2021 11:59 PM	2	Exams	No Work
▼ View Printable Assignment		Aug 10, 2021 12:01 AM	Aug 17, 2021 11:59 PM	Aug 17, 2021 11:59 PM		Homework	No Work
▼ View Grade Report (shows your detailed work)		Aug 13, 2021 12:01 AM	Aug 20, 2021 11:59 PM	Aug 20, 2021 11:59 PM		Instructor Default	No Work
▼ View Grades (Spreadsheet)		Aug 23, 2021 12:01 AM	Aug 23, 2021 11:59 PM	Aug 23, 2021 11:59 PM	60	Quizzes	No Work
▼ View Assignment Solutions		Sep 06, 2021 12:01 AM	Sep 06, 2021 11:59 PM	Sep 06, 2021 11:59 PM	60	Quizzes	No Work
▼ Take in Practice Mode							

After clicking on **View Assignment Solutions**, the student will see step by step solutions to their assignment just like the instructor, see [Figure 164](#). At the top of the page, you will see “**Note: The variables used in the below solutions are not the same as those used in your assignment.**” This means that if a problem has a random variable assigned, the student will see the problem solved for the stated random variable. This will not be the same random variable that the student received when working on their assignment.

Figure 164: View Assignment Solutions as Configured - Student View

Class Management | Help

Physics Demo HW1

Note: The variables used in the below solutions are not the same as those used in your assignment.

Problem 1 - 1.1.7 :
Assuming the mass of an average cell is ten times the mass of a bacterium (which is 10^{-15} kg):

Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.

As stated, the mass of an average cell is

$$m_c = 10m_b \text{ kg}$$

where m_b is the mass of a bacterium in kg. The number of cells in a hummingbird is

$$n_c = \frac{m_h}{m_c} = \frac{m_h}{10m_b}$$

where m_h is the mass of one hummingbird. Plugging in numbers and converting units as needed,

$$n_c = \frac{(10^{-2} \text{ kg})}{(10 \cdot 10^{-15} \text{ kg})}$$

cells/hummingbird = 1000000000000

For example, in **Figure 165** you can see the random variable of 3.102cm was used to solve the problem in the **View Assignment Solutions**. In **Figure 166**, you can see that the student was assigned a different random variable of 3.232cm for this assignment.

Figure 165: View Assignment Solutions as Configured Example

Problem 2 - 1.1.1 :
A circle has a diameter of 3.102 cm.

Part (a) What is the area of the circle in cm²?

The area for a circle is

$$A = \pi r^2 \text{ m}^2$$

where r is the radius of the circle in m. The diameter is twice the radius. Therefore,

$$A = \pi \left(\frac{d}{2} \right)^2$$

Plugging in numbers and converting units as needed,

$$A = \pi \cdot (3.102 \text{ cm})^2$$

$$A = 7.557 \text{ cm}^2$$

When the student clicks on "View Assignment Solutions" they will see the problem worked out step by step. However, the random variable may not match the one the student received in their assignment.

Figure 166: View Assignment Solutions as Configured - Actual Variable Assigned to Student

Class Management | Instructor | Help

Switch to Part Centric View For help on this page click here.

Students **Grade View - HW1**

Previous Next Student: Baggins, Frodo ☒ Show Correct ☒ Expand Submission History and Grade Summary

Brandybuck, Merry **Part (a) Calculate the number of cells in a human, assuming they have a mass of 10⁴ kg.**

Gamgee, Samwise **Correct Answer** **Student Answer** **Grade** **Comments** **Grade Change**

Lady of the Wood, Gal cells/human = 1E+16

Lord of Rivendell, Elrc

Rivendell, Arawen

Strider, Aragorn

student, test

Taylor, Harmony

The Grey, Gandalf

Took, Pippen

Grade = 0%

Grade Summary

Deduction for Final Submission 0%

Deductions for Incorrect Submissions, Hints and Feedback [?] 0%

Student Grade = 100 - 0 - 0 = 0%

Problem 2: A circle has a diameter of 3.232 cm.

What is the area of the circle in cm²?

Correct Answer **Student Answer** **Grade** **Comments** **Grade Change**

A = 8.204 A = 8.2 100

Grade = 100%

Grade Summary

Deduction for Final Submission 0%

Deductions for Incorrect Submissions, Hints and Feedback [?] 0%

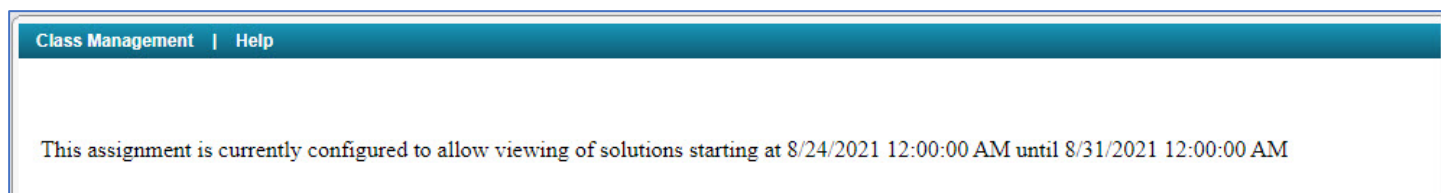
Student Grade = 100 - 0 - 0 = 100%

Date	Time	Answer	Hints	Feedback
1 Aug 04, 2021	2:24 PM	A = 8.2		

This is the random variable the student actually received when they worked the problem.

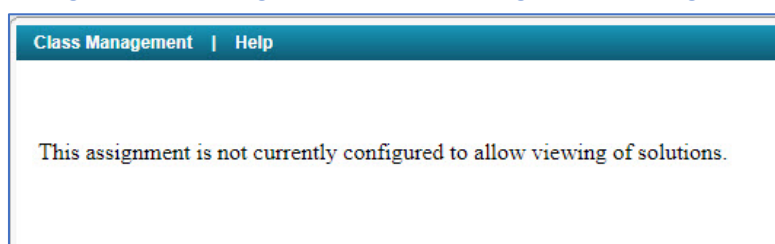
If the student clicks on **View Assignment Solutions** before the **Start** date configured in **Students can View Solutions**, they will receive a message with the time and date when the solutions will be visible, like the one in [Figure 167](#).

Figure 167: View Assignment Solutions as Configured - Will Be Available



If **Students can View Solutions** is **NOT** enabled, the student will receive a message “This assignment is not currently configured to allow viewing of solutions” when they click on **View Assignment Solutions**, see [Figure 168](#).

Figure 168: View Assignment Solutions as Configured - Not Configured

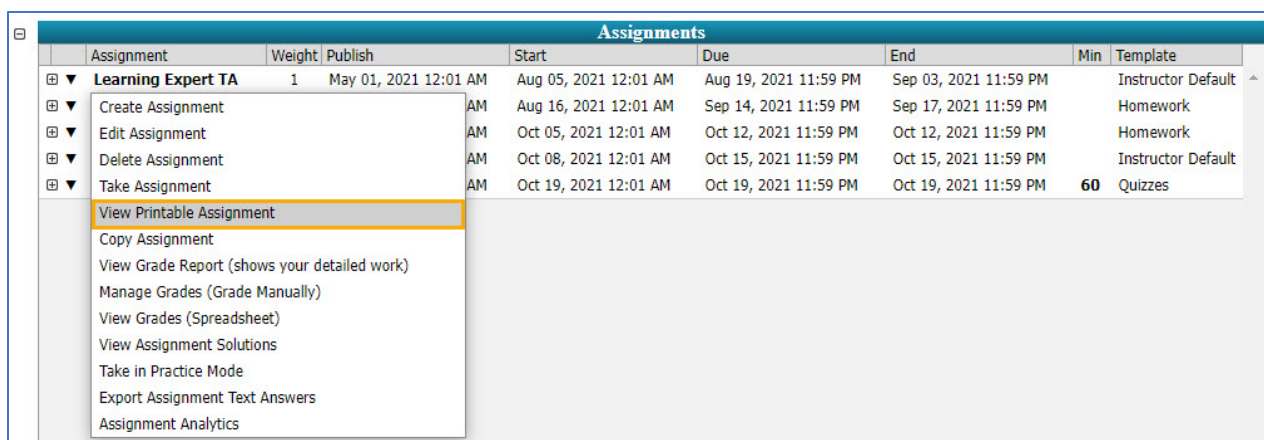


Printable Assignment

Expert TA offers a way to print a blank assignment to allow an assignment to be completed by hand, as opposed to the online graded version.

One way to access a printable version of the assignment is from the **Class Management** screen. Click on the assignment and select **View Printable Assignment** from the menu, see [Figure 169](#).

Figure 169: Select View Printable Assignment



The other way you can access a printable assignment is to click **Printable Assignment** button in the **Edit Assignment** screen, see [Figure 170](#).

Figure 170: Printable Assignment Button in Edit Assignment Screen

Class Management | Instructor | Help

Physics Demo [For help on this page click here](#)

Save Only Save And Exit Undo Changes Delete Assignment **Printable Assignment** View Solutions Extensions Security

Assign. Name: HW1 Weight: 1 Grade Template: Homework
 Description: HW1 Integrity Temp.: Instructor Default

Add Question Pool	Prob #	Weight	Problems
Add To	Prob 1	1	1.1.7 x
Expand	Prob 2	1	1.1.1 x
	Prob 3	2	1.1.10 x
	Prob 4	3	1.1.11 x 1.1.12 x 1.1.13 x 1.1.14 x
	Prob 5	2	c1.2.3 x

Publish Date (Date the Assignment will be visible to Students in their list)
 Date: 05/01/2021 12:01 AM

Assignment Dates
 Start: 07/31/2021 12:01 AM
 Due: 08/13/2021 11:59 PM
 End: 08/13/2021 11:59 PM
☐ Timed Assignment Min

Either way you access the printable assignment, the results will be the same and will look like the sample in [\(Figure 171\)](#). To print the assignment, right click on the assignment and select print or you can use the keyboard shortcut (CTRL+P).

Figure 171: Printable Assignment Sample

Class Management | Instructor | Help

Physics Demo HW1

HW1 Begin Date: 7/31/2021 12:01:00 AM -- **Due Date:** 8/13/2021 11:59:00 PM **End Date:** 8/13/2021 11:59:00 PM

Problem 1: Assuming the mass of an average cell is ten times the mass of a bacterium (which is 10^{-15} kg):

Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.
Numeric : A numeric value is expected and not an expression.
 cells/hummingbird = _____

Part (b) Calculate the number of cells in a human, assuming they have a mass of 10^2 kg.
Numeric : A numeric value is expected and not an expression.
 cells/human = _____

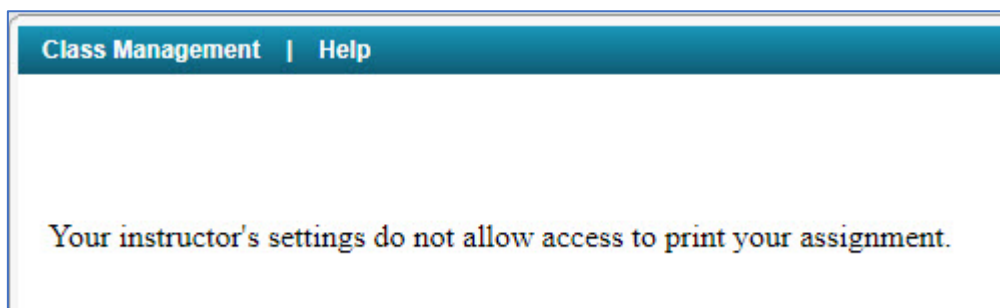
As previously mentioned in [Access to Printable Assignment](#), if this setting is enabled the student can access a printable version of the assignment by clicking on the assignment and selecting **View Printable Assignment**, see [Figure 172](#).

Figure 172: Select View Printable Assignment - Student Menu

Assignments							
Assignment	Weight	Start	Due	End	Min	Template	Status
▼ Learning Expert TA	1	Aug 05, 2021 12:01 AM	Aug 19, 2021 11:59 PM	Sep 03, 2021 11:59 PM		Instructor Default	No Work
▼ Take Assignment		Aug 16, 2021 12:01 AM	Sep 14, 2021 11:59 PM	Sep 17, 2021 11:59 PM		Homework	Complete
▼ View Printable Assignment		Oct 05, 2021 12:01 AM	Oct 12, 2021 11:59 PM	Oct 12, 2021 11:59 PM		Homework	No Work
▼ View Grade Report (shows your detailed work)		Oct 08, 2021 12:01 AM	Oct 15, 2021 11:59 PM	Oct 15, 2021 11:59 PM		Instructor Default	No Work
▼ View Grades (Spreadsheet)		Oct 19, 2021 12:01 AM	Oct 19, 2021 11:59 PM	Oct 19, 2021 11:59 PM	60	Quizzes	No Work
View Assignment Solutions							
Take in Practice Mode							

If **Access to Printable Assignment** is not enabled and the student clicks on **View Printable Assignment**, the student will not be able to access a printable version of their assignment. The student will receive the following message, see [Figure 173](#).

Figure 173: View Printable Assignment Not Allowed



Take Assignment

Take assignment allows you to evaluate your assignment problems and settings by working the assignment as a student.

From the **Class Management** screen, click on the assignment and select **Take Assignment** from the menu, ([Figure 174](#)).

Figure 174: Select Take Assignment

Assignments							
Assignment	Weight	Publish	Start	Due	End	Min	Template
⊕ ▼ Learning Expert TA	1	May 01, 2021 12:01 AM	Aug 05, 2021 12:01 AM	Aug 19, 2021 11:59 PM	Sep 03, 2021 11:59 PM		Instructor Default
⊕ ▼ Create Assignment			AM Aug 16, 2021 12:01 AM	Sep 14, 2021 11:59 PM	Sep 17, 2021 11:59 PM		Homework
⊕ ▼ Edit Assignment			AM Oct 05, 2021 12:01 AM	Oct 12, 2021 11:59 PM	Oct 12, 2021 11:59 PM		Homework
⊕ ▼ Delete Assignment			AM Oct 08, 2021 12:01 AM	Oct 15, 2021 11:59 PM	Oct 15, 2021 11:59 PM		Instructor Default
⊕ ▼ Take Assignment			AM Oct 19, 2021 12:01 AM	Oct 19, 2021 11:59 PM	Oct 19, 2021 11:59 PM	60	Quizzes
View Printable Assignment							
Copy Assignment							
View Grade Report (shows your detailed work)							
Manage Grades (Grade Manually)							
View Grades (Spreadsheet)							
View Assignment Solutions							
Take in Practice Mode							
Export Assignment Text Answers							
Assignment Analytics							

This will open the assignment where you can work the assignment like a student, see (Figure 175).

Figure 175: Take Assignment

Class Management | Instructor | Help

HW1 Begin Date: 8/16/2021 12:01:00 AM -- Due Date: 9/14/2021 11:59:00 PM End Date: 9/17/2021 11:59:00 PM

(5%) Problem 1: Assuming the mass of an average cell is ten times the mass of a bacterium (which is 10^{-15} kg):

Assignment Status

[Click here for detailed view](#)

Problem	Status
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

50% Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.

cells/hummingbird =

sin()	cos()	tan()	π	(	)	7	8	9	HOME
cotan()	asin()	acos()	E	\uparrow	\downarrow	4	5	6	\leftarrow
atan()	acotan()	sinh()		/	*	1	2	3	\rightarrow
cosh()	tanh()	cotanh()		+	-	0	.		END
<input checked="" type="radio"/> Degrees <input type="radio"/> Radians			$\sqrt{}$	BACKSPACE	DEL	CLEAR			

Submit Hint Feedback I give up!

Hints: 2% deduction per hint. Hints remaining: 2 Feedback: 2% deduction per feedback.

Instructor/TA Admin

Problem Name: 1.1.7

Reset All State Data: [Assignment](#) Reset Submission Data: [Problem](#) [Part](#) [Last Submission](#)

50% Part (b) Calculate the number of cells in a human, assuming they have a mass of 10^2 kg.

A Grade Summary
Deductions 0%
Potential 100%

B Submissions
Attempts remaining: 5
(4% per attempt)
[detailed view](#)

C

- Grade Summary** – Shows the student any deductions they have earned from submission attempts, Hints, and Feedback. It also shows their potential score for the assignment after subtracting any deductions the student earned.
- Submissions** – Shows the student the number of attempts remaining for the problem and the deduction for each attempt. If you click on detailed view, a detailed list of previous submissions will be displayed at the bottom of the question under the Hints and Feedback areas (Figure 176).

Figure 176: Detailed View - Submission History

50% Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.

cells/hummingbird =

sin()	cos()	tan()	π	(	)	7	8	9	HOME
cotan()	asin()	acos()	E	\uparrow	\downarrow	4	5	6	\leftarrow
atan()	acotan()	sinh()		/	*	1	2	3	\rightarrow
cosh()	tanh()	cotanh()		+	-	0	.		END
<input checked="" type="radio"/> Degrees <input type="radio"/> Radians			$\sqrt{}$	BACKSPACE	DEL	CLEAR			

Submit Hint Feedback I give up!

Hints: 2% deduction per hint. Hints remaining: 2 Feedback: 2% deduction per feedback.

Submission History
All Date times are displayed in Central Standard Time. Red submission date times indicate late work.

Date	Time	Answer	Hints	Feedback
1 Aug 24, 2021	9:40 AM	cells/hummingbird = 5		
2 Aug 24, 2021	9:40 AM	cells/hummingbird = 12		

Grade Summary
Deductions 8%
Potential 92%

Submissions
Attempts remaining: 3
(4% per attempt)
[detailed view](#)

1 4%
2 4%

- C. **Hints & Feedback** – If the student selects the **Hint** button or the **Feedback** button, the Hint or Feedback will be displayed in this area, see **Figure 177**. This also shows the student the deduction for accessing each Hint or Feedback and may show the number of Hints or Feedback remaining.

Figure 177: Take Assignment - Hints & Feedback

50% Part (a) Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.

cells/hummingbird =

sin()	cos()	tan()	π	(	)	7	8	9	HOME
cot()	asin()	acos()	E	\uparrow	\uparrow	4	5	6	\leftarrow
atan()	acot()	sinh()		/	*	1	2	3	\rightarrow
cosh()	tanh()	cotanh()		+	-	0	.		END

☒ Degrees ☐ Radians

BACKSPACE DEL CLEAR

Submit Hint Feedback I give up!

Hints: 2 for a 4% deduction. Hints remaining: 0

Feedback: 2% deduction per feedback.

-The numbers you are given are estimates, but it shows how you can get answers to difficult questions with approximations.
-You may need to find the mass of a single cell.

Submission History
All Date times are displayed in Central Standard Time. Red submission date times indicate late work.

Date	Time	Answer	Hints	Feedback
1	Aug 24, 2021	9:40 AM	cells/hummingbird = 5	
2	Aug 24, 2021	9:40 AM	cells/hummingbird = 12	-The numbers you are given are estimates, but it shows how you can get answers to difficult questions with approximations. -You may need to find the mass of a single cell.

Instructor/TA Admin Area

The **Instructor/TA Admin** area is not visible to the students and provides additional functionality to an instructor when evaluating an assignment or specific problems in an assignment (**Figure 178**).

Figure 178: Instructor/TA Admin Area

Instructor/TA Admin

Problem Name: 1.1.7

Reset All State Data: **A** Assignment Reset Submission Data: **B** Problem **C** Part **D** Last Submission

- A. **Assignment** button – will reset all submitted data for an assignment and new variable values will be created. When you click on this button, a warning notification will appear, like **Figure 179**. Click the **OK** button to continue or **Cancel** button to return to the assignment without resetting any data.

Figure 179: Assignment Reset Warning

dei56mo.theexpertta.com says

Warning: Are you sure you want to erase all the assignment data for this assignment. All assignment data will be cleared and new variable values will be created.

OK Cancel

- B. **Problem** button – will reset all submitted data for the active problem. When you click on this button, a warning notification will appear, like **Figure 180**. Click the **OK** button to continue or **Cancel** button to return to the assignment without resetting any data.

Figure 180: Problem Reset Warning

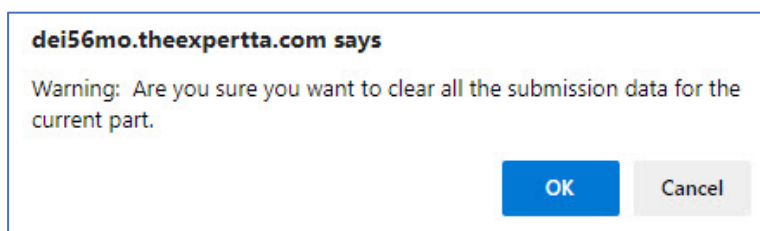
dei56mo.theexpertta.com says

Warning: Are you sure you want to clear all the submission data for all parts of this problem.

OK Cancel

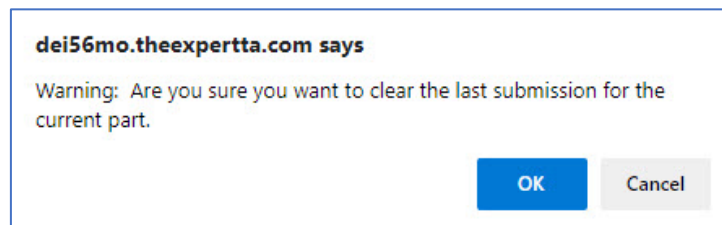
- C. **Part** button – will reset all submitted data for the active part of the assignment. When you click on this button, a warning notification will appear like [Figure 181](#). Click the **OK** button to continue or **Cancel** button to return to the assignment without resetting any data.

Figure 181: Problem Part Reset Warning



- D. **Last Submission** button– will reset only the last submission for the active part of the assignment. When you click on this button, a warning notification will appear, like [Figure 182](#). Click the **OK** button to continue or **Cancel** button to return to the assignment without resetting any data.

Figure 182: Problem Part Last Submission Reset Warning

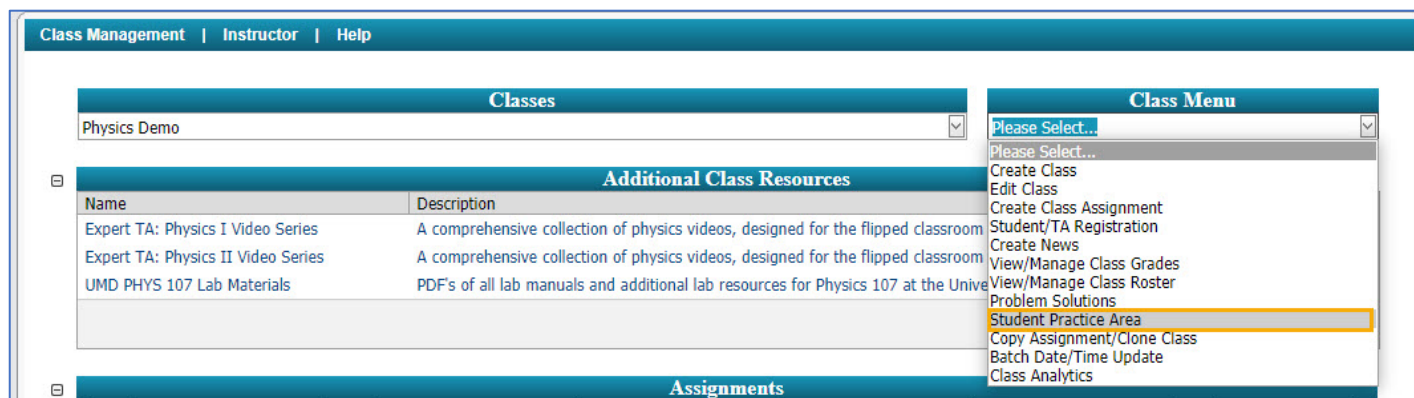


Student Practice Area

Note: The **Student Practice Area** only applies to the Introduction to Physics book. [Take in Practice Mode](#) is currently recommended for all subjects and is discussed in greater detail later in this manual.

The **Student Practice Area** allows students to create a tutorial assignment for additional practice in an area that will not affect the student's grade. To access the **Student Practice Area**, click on the **Class Menu** drop-down and select **Student Practice Area** ([Figure 183](#)).

Figure 183: Select Student Practice Area



After selecting **Student Practice Area**, a new window will be displayed like the one in [Figure 184](#). This area works similarly to the **Create/Edit Assignment** except that **Tutorial Assignments** cannot be saved.

Figure 184: Student Practice Area

Figure 185: Student Practice Area - Book & Chapter Selection

First, select the book you want to use from the **Books** drop-down and then select the chapter from the **Chapters** drop-down ([Figure 185](#)).

Next, select the problems you want to practice with by clicking on the checkbox in the upper left-hand corner next to the problem name, see ([Figure 186](#)).

Figure 186: Student Practice Area - Select Problems for Practice

Figure 187: Student Practice Area - Tutorial Assignment

Class Management | Instructor | Help

Problems Prob. 1 Prob. 2 Prob. 3 Prob. 4
 Prob. Name 5.2.1 x 5.3.1 x 5.3.3 x 5.3.6 x

Take Tutorial Assignment
 Clear Selection

Books
 Expert TA: Introduction to Physics
Chapters
 5. Newton's Laws

Filter by Problem Difficulty and Type

☒ All Problems ☐ 1 Easy ☒ All Problems ☐ Algebra
☐ 2 Medium-Easy ☐ 3 Medium ☐ Calculus ☐ Conceptual
☐ 4 Medium-Hard ☐ 5 Hard

☐ Expand All Sections

5.2 - Mass
 5.3 - Newton's Second Law

☒ 5.3.1, Alg, 4 A boxer's fist and glove have a mass of $m = 1.02$ kg. The boxer's fist can obtain a speed of $v = 5.25$ m/s in a time of $t = 0.25$ s.
 a. Write a symbolic expression for the magnitude of the average acceleration, a_{aver} , of the boxer's fist, in terms of the variables provided.
 b. Find the magnitude of the average acceleration, a_{aver} , in meters per square second.
 c. Write an expression for the magnitude of the average net force, F_{net} , that the boxer must apply to his fist to achieve the given velocity. (Write the expression in terms of m , v and t .)
 d. What is the numerical value of F_{net} , in newtons?

☐ 5.3.1 (alt), Alg, 3 A boxer's fist and glove have a mass of $m = 0.88$ kg. The boxer's fist can obtain a speed of $v = 7.5$ m/s in a time of $t = 0.22$ s.
 a. Find the magnitude of the average acceleration a_{aver} , in meters per square second, of the boxer's fist.
 b. How much force did the boxer apply to his fist/glove, in newtons?

☒ 5.3.3, Alg, 3, RP A bullet with a mass of $m = 18.5$ g is shot out of a rifle that has length $L = 0.94$ m. The bullet spends $t = 0.17$ s in the barrel.
 a. Write an expression, in terms of the given quantities, for the magnitude of the bullet's acceleration, a , as it travels through the rifle's barrel. You may assume the acceleration is constant throughout the motion.
 b. Calculate the numerical value for the magnitude of the bullet's acceleration, a in m/s^2 .
 c. What is the numerical value of the net force F_{NET} in newtons acting on the bullet?

☐ 5.3.3 (alt), Alg, 3 A bullet with a mass of $m = 18$ g is shot out of a rifle that has length $L = 0.92$ m. The bullet spends $t = 0.11$ s in the barrel.
 a. Calculate the magnitude of the bullet's acceleration, in meters per second squared, as it travels through the rifle's barrel. You may assume the acceleration is constant throughout the motion.
 b. What is the numerical value of the net force F_{NET} in newtons acting on the bullet?

☒ 5.3.6, Alg, 4, RP A toy car rolls down a ramp at a constant velocity. The car's mass is $m = 1.1$ kg and the ramp makes an angle of $\theta = 18$ degrees with respect to the horizontal. Assume the rolling resistance is negligible.
 a. What is the magnitude of the car's acceleration, a in m/s^2 ?
 b. What is the numeric value for the sum of the forces in the x -direction, ΣF_x , in Newtons?

☐ 5.3.8, Alg, 4
 Attached to the rear-view mirror of a car is a small crystal of mass 50 g on a string. When the car is stopped at a light, the crystal hangs vertically. When the light turns green, the driver accelerates and notices the crystal makes an angle of $\theta = 7$ degrees with respect to the vertical.
 a. Please select the correct free body diagram, using an inertial coordinate system fixed to the road. given

A. **Problems** area – Selected problems will appear in this area (Figure 187)

x

B. **Take Tutorial Assignment** button – Clicking this button (Figure 187) will take you to the tutorial assignment you created. The tutorial assignment has the same functionality as any other assignment, but it does not count toward any grade. Click on **Return to Tutorial Problem Selection** at any time to start the assignment over or to create a new assignment (Figure 188).

Figure 188: Student Practice Area - Take Tutorial Assignment

The screenshot shows the Expertta interface. On the left is a sidebar with 'Assignment Status' and a list of problems (1-4). The main area displays 'Problem 1' about pulleys. Two diagrams are shown: 'one pass' and 'two passes'. The problem text states: '(25%) Problem 1: Cranes use a system of two pulleys to provide mechanical advantage, which reduces the force they need to apply to lift a particular weight (two such possible configurations are shown in the figure). A crane is attempting to lift a compact car with a mass of $m = 1080$ kg under the force of gravity. The crane's pulley system produces a mechanical advantage of 10.'

Below the diagrams is a question: '25% Part (a) How many times, x , does the cable pass over the pulley within the crane? (Assume that the tension in each segment of the rope is the same.)'. There is an input field for x .

Below the input field is a calculator interface with buttons for trigonometric functions, mathematical constants, and arithmetic operators. At the bottom are buttons for 'Submit', 'Hint', 'Feedback', and 'I give up!'.

On the right side of the main area, there is a 'Grade Summary' showing 'Deductions: 0%' and 'Potential: 100%'. Below that is a 'Submissions' section showing 'Attempts remaining: 20' and '(0% per attempt)'.

Figure 189: Return to Tutorial Problem Selection Warning

If you click on **Return to Tutorial Problem Selection**, you will see a warning like (Figure 189). Click the **OK** button to **Return to Tutorial Problem Selection** or click the **Cancel** button to stay in the current tutorial assignment.

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If you return to problem selection any work you have completed will be reset.

OK

Cancel

- C. **Clear Selection** button – Clicking this button will clear all the selected problems in the **Problems** area so that you can create a new tutorial assignment.

To exit the **Student Practice Area**, click on **Class Management** in the upper left-hand corner.

Take in Practice Mode

Take in **Practice Mode** allows students to practice with the assignments in their class but without affecting their grade.

To enable **Take in Practice Mode** on an assignment:

1. Locate the assignment on the **Class Management** page
3. On the **Edit Assignment** screen, click on the checkbox next to **Take in Practice Mode** located near the bottom right-hand corner (**Figure 190**).

Figure 190: Setup Take in Practice Mode

Class Management | Instructor | Help

Physics Demo [For help on this page click here](#)

Save Only Save And Exit Undo Changes Delete Assignment Printable Assignment View Solutions Extensions Security

Assign. Name: HW1 Weight: 1 Grade Template: Homework

Description: HW1 Integrity Temp.: Instructor Default

Add Question Pool	Prob #	Weight	Problems
Add To	Prob 1	1	1.1.7 x
Expand	Prob 2	1	1.1.1 x
	Prob 3	2	1.1.10 x
	Prob 4	3	1.1.11 x 1.1.12 x 1.1.13 x 1.1.14 x
	Prob 5	2	c1.2.3 x
	Prob 6	2	1.2.1 x
	Prob 7	3	1.2.3 x
	Prob 8	3	1.2.8 x
	Prob 9	3	1.2.10 x
	Prob 10	2	1.3.12 x

Books Expert TA: Introduction to Physics **Chapters** Expert TA System

Filter by Problem Difficulty and Type

☒ All Problems ☐ 1 Easy ☐ 2 Medium-Easy ☒ All Problems ☐ Algebra

☐ 3 Medium ☐ 4 Medium-Hard ☐ 5 Hard ☐ Calculus ☐ Conceptual

Publish Date (Date the Assignment will be visible to Students in their list)

Date: 05/01/2021 12:01 AM

Assignment Dates

Start: 08/16/2021 12:01 AM

Due: 09/14/2021 11:59 PM

End: 09/17/2021 11:59 PM

☐ Timed Assignment Min

☒ **Students can View Solutions**

Start: 08/24/2021 12:00 AM

Publish Until (Last Date that Students can View Work/Solutions)

End: 10/31/2021 12:00 AM

☒ **Take in Practice Mode**

Start: 09/17/2021 11:59 PM

End: 09/17/2021 11:59 PM

4. Select the **Start** and **End** dates. The system will automatically populate the **Start** and **End** date to match the **End** date of your assignment but can be changed to any date within the term.

Once this setting has been enabled, **Take in Practice Mode** can be accessed by instructors and students by clicking on the assignment and selecting **Take in Practice Mode** from the menu, see [Figure 191](#).

Figure 191: Select Take in Practice Mode

Assignments							
Assignment	Weight	Publish	Start	Due	End	Min	Template
Learning Expert TA	1	May 01, 2021 12:01 AM	Aug 05, 2021 12:01 AM	Aug 19, 2021 11:59 PM	Sep 03, 2021 11:59 PM		Instructor Default
▼ Create Assignment			AM Aug 16, 2021 12:01 AM	Sep 14, 2021 11:59 PM	Sep 17, 2021 11:59 PM		Homework
▼ Edit Assignment			AM Oct 05, 2021 12:01 AM	Oct 12, 2021 11:59 PM	Oct 12, 2021 11:59 PM		Homework
▼ Delete Assignment			AM Oct 08, 2021 12:01 AM	Oct 15, 2021 11:59 PM	Oct 15, 2021 11:59 PM		Instructor Default
▼ Take Assignment			AM Oct 19, 2021 12:01 AM	Oct 19, 2021 11:59 PM	Oct 19, 2021 11:59 PM	60	Quizzes
View Printable Assignment Copy Assignment View Grade Report (shows your detailed work) Manage Grades (Grade Manually) View Grades (Spreadsheet) View Assignment Solutions Take in Practice Mode Export Assignment Text Answers Assignment Analytics							

If **Take in Practice Mode** is selected before the set **Start** date, a message like the one in [Figure 192](#) will appear. To exit this message, click on **Class Management** in the upper left-hand corner.

Figure 192: Practice Mode Message Before Start Date

Class Management | Help
[Practice Mode] Assignment: HW1
This assignment is currently configured to allow practice mode starting at 9/17/2021 11:59:00 PM until 9/17/2021 11:59:00 PM

If **Take in Practice Mode** is selected after the **End** date, a message like the one in [Figure 193](#) will appear. To exit this message, click on **Class Management** in the upper left-hand corner.

Figure 193: Take in Practice Mode After End Date Message

Class Management | Instructor | Help
[Practice Mode] Assignment: HW1
This assignment is currently configured to allow practice mode starting at 8/23/2021 11:59:00 PM until 8/23/2021 11:59:00 PM

If **Take in Practice Mode** is selected after the selected **Start** date and before the selected **End** date, you will see the practice mode assignment like in **Figure 194**. **Practice Mode** looks and functions just like **Take Assignment** except that in **Practice Mode** you see a red **[Practice Mode]** next to the assignment name in the upper left-hand corner and the grade does not count toward or against your class grade. To exit **Practice Mode**, click on **Class Management** in the upper left-hand corner of the page.

Figure 194: Practice Mode Assignment

Export Assignment Text Answers

This function will allow you to export students' answers to an assignment or to part of the assignment. This functionality can be accessed from the **Class Management** page by clicking on the assignment and selecting **Export Assignment Text Answers** from the menu, see **Figure 195**.

Figure 195: Select Assignment Text Answers

Assignment	Weight	Publish	Start	Due	End	Min	Template
Learning Expert TA	1	May 01, 2021 12:01 AM	Aug 05, 2021 12:01 AM	Aug 19, 2021 11:59 PM	Sep 03, 2021 11:59 PM	60	Instructor Default
Create Assignment			Aug 16, 2021 12:01 AM	Sep 14, 2021 11:59 PM	Sep 17, 2021 11:59 PM		Homework
Edit Assignment			Oct 05, 2021 12:01 AM	Oct 12, 2021 11:59 PM	Oct 12, 2021 11:59 PM		Homework
Delete Assignment			Oct 08, 2021 12:01 AM	Oct 15, 2021 11:59 PM	Oct 15, 2021 11:59 PM		Instructor Default
Take Assignment			Oct 19, 2021 12:01 AM	Oct 19, 2021 11:59 PM	Oct 19, 2021 11:59 PM		Quizzes
View Printable Assignment							
Copy Assignment							
View Grade Report (shows your detailed work)							
Manage Grades (Grade Manually)							
View Grades (Spreadsheet)							
View Assignment Solutions							
Take in Practice Mode							
Export Assignment Text Answers							
Assignment Analytics							

Once **Export Assignment Text Answers** is selected, you will see a new screen, like [Figure 196](#).

Figure 196: Export Assignment Text Answers

Class Management | Instructor | Help

Physics Demo - Learning Expert TA

Export to: CSV

Parts Selected: None

☐ Assignment (All Parts)

- ☐ Prob 1: (Learning Expert TA 01 (Basic Navigation))
 - ☐ Part a: In Expert TA, deductions for things like incorrect submissions, accessing hints, and accessing feedback are decided by who?
 - ☐ Part b: Where is the student practice area?
 - ☐ Part c: Once an assignment is complete, how am I able to view the detailed work that I did?
- ☐ Prob 2: (Learning Expert TA 02 (Symbolic Answers))
 - ☐ Part a: Please indicate whether the following statements are True or False. Hints and feedback are both available to you during an assignment. Hints are more generic and Feedback is specific to my most recent incorrect submission attempt.
 - ☐ Part b: Expert TA counts mathematically equivalent answers as correct. The answer to this question is $y = x + 3$. You can enter a non-simplified answer and still be counted correct. Use the area below to enter the answer in another way. For example you could try entering something like "3 + x" or "3 - x(-1)".
 - ☐ Part c: Order of Operations is one thing that you do need to be careful about, particularly with division. The correct answer for this question is $y = a/(b + c)$. Please note that "a/b + c" would not be graded as correct, since order of operations dictates that you first divide a by b, and then add c. As an analogy, try typing "=1/2+4" into Excel. You will see the result is 4.5 (i.e. $y = 1/2 + 4 = 0.5 + 4 = 4.5$). Entering "y = 1/(2+4)" will be calculated to 1/6, or 0.16666. Please keep order of operations in mind as you enter symbolic answers. Mathematical equivalents are still detected. Please enter the correct answer, and feel free to try something like "a/(b - c(-1))"
- ☐ Prob 3: (Learning ETA 01 (alt))
 - ☐ Part b: A common question type in Expert TA will involve you entering a numeric answer. *The correct answer here is 15.25.* Expert TA has a buffer for numerical problems, so you don't have to be "perfect" to be counted correct. The buffer is + or - 3% universally across the system. For example, you might enter 15.3 instead of 15.25. And that will still be counted correct. You can enter your answer by either typing on your keyboard, or clicking the calculator like "15.25" below. With 15.25 as 15.2 as your answer, click the "Solve" button and then continue on

Next, select either **Assignment (All Parts)** or you can select one or more specific problem or problem parts (**Figure 197**). When you are finished selecting the problems or problem parts you want to export, click the **Save & Search** button at the bottom of the page.

Figure 197: Export Assignment Text Answers - Select Problems

Class Management | Instructor | Help

Physics Demo - Learning Expert TA Search Clear Export to: CSV Save

Parts Selected: Prob 1: (Learning Expert TA 01 (Basic Navigation)) Part a, Prob 1: (Learning Expert TA 01 (Basic Navigation)) Part b, Prob 1: (Learning Expert TA 01 (Basic Navigation)) Part c, Prob 2: (Learning Expert TA 02 (Symbolic Answers)) Part a, Prob 2: (Learning Expert TA 02 (Symbolic Answers)) Part b, Prob 2: (Learning Expert TA 02 (Symbolic Answers)) Part c, Prob 3: (Learning

☒ Assignment (All Parts)

☒ Prob 1: (Learning Expert TA 01 (Basic Navigation))

☒ Part a: In Expert TA, deductions for things like incorrect submissions, accessing hints, and accessing feedback are decided by who?

☒ Part b: Where is the student practice area?

☒ Part c: Once an assignment is complete, how am I able to view the detailed work that I did?

☒ Prob 2: (Learning Expert TA 02 (Symbolic Answers))

☒ Part a: Please indicate whether the following statements are True or False. Hints and feedback are both available to you during an assignment. Hints are more generic and Feedback is specific to my most recent incorrect submission attempt.

☒ Part b: Expert TA counts mathematically equivalent answers as correct. The answer to this question is $y = x + 3$. You can enter a non-simplified answer and still be counted correct. Use the area below to enter the answer in another way. For example you could try entering something like " $3 + x$ " or " $3 - x(-1)$ ".

☒ Part c: Order of Operations is one thing that you do need to be careful about, particularly with division. The correct answer for this question is $y = a/(b + c)$. Please note that " $a/b + c$ " would not be graded as correct, since order of operations dictates that you first divide a by b, and then add c. As an analogy, try typing " $=1/2+4$ " into Excel. You will see the result is 4.5 (i.e. $y = 1/2 + 4 = 0.5 + 4 = 4.5$). Entering " $y = 1/(2+4)$ " will be calculated to 1/6, or 0.16666. Please keep order of operations in mind as you enter symbolic answers. Mathematical equivalents are still detected. Please enter the correct answer, and feel free to try something like " $a/(b - c(-1))$ ".

☒ Prob 3: (Learning ETA 01 (alt))

☒ Part b: A common question type in Expert TA will involve you entering a numeric answer. *The correct answer here is 15.25.* Expert TA has a buffer for numerical problems, so you don't have to be "perfect" to be counted correct. The buffer is + or - 3% universally across the system. For example, you might enter 15.3 instead of 15.25. And that will still be counted correct. You can enter your answer by either typing on your keyboard, or by using the calculator like "Calculator" button. With 15.25 or 15.3 as your answer, click the "Submit" button and then continue to the next question.

Save & Search

Figure 198: Export Assignment Text Answers Warning Message

After you have clicked on the **Save & Search** button, a warning message, like **Figure 198**, will appear. Acknowledge the message by clicking on the **OK** button and do not navigate away from this page or hit any button until the operation is completed.

dei56mo.theexpertta.com says

This action may take several minutes, depending on the size of the data set to be displayed or exported.

Please do not navigate away from this page or hit any button until this operation is completed.

OK

When the operation completes, you will see a screen, like [Figure 199](#).

Figure 199: Export Assignment Text Answers Results

Class Management | Instructor | Help

Physics Demo - HW1

Search Clear

Export to: CSV Save

Parts Selected: Prob 1: (1.1.7) Part a, Prob 1: (1.1.7) Part b, Prob 2: (1.1.1) Part a, Prob 3: (1.1.10) Part a, Prob 3: (1.1.10) Part b, Prob 3: (1.1.10) Part c, Prob 3: (1.1.10) Part d, Prob 3: (1.1.10) Part e, Prob 4: (1.1.11) Part a, Prob 4: (1.1.11) Part b, Prob 4: (1.1.11) Part c, Prob 4: (1.1.11) Part d, Prob 4: (1.1.12) Part a, Prob 4: (1.1.12) Part b, Prob 4: (1.1.12) Part c, Prob 4: (1.1.12) Part d, Prob 4: (1.1.13)

These columns can be sorted

Last	First	Email	StudentNo	Section	Prob 01 Part a Calculate the number of cells in a hummingbird, assuming it has a mass of 10⁻² kg.	Prob 01 Part b Calculate the number of cells in a human, assuming they have a mass of 10² kg.	Prob 02 Part a What is the area of the circle in cm²?	Prob 03 Part a 11 mg	Prob 03 Part b 267 Tg	Pr Pa
Baggins	Frodo	frodo@lotr.com	1	101	1	1	2	1	8	9
Brandybuck	Merry	merry@lotr.com	2	102	5	68	94	58	12	41
Gamgee	Samwise	samwise@lotr.com	3	103	8356	677	36695	741	3685	145
Lady of the Wood	Galadriel	galadriel@lotr.com	6	103	15	58	36585	485	345	463
Lord of Rivendell	Elrond	elrond@lotr.com	8	102	No Answer	No Answer	No Answer	No Answer	No Answer	No
Rivendell	Arawen	arawen@lotr.com	9	101	No Answer	No Answer	No Answer	No Answer	No Answer	No
Strider	Aragorn	aragorn@lotr.com	7	103	No Answer	No Answer	No Answer	No Answer	No Answer	No
student	test	student1@instructor.com	1		No Answer	No Answer	No Answer	No Answer	No Answer	No
Taylor	Harmony	harmony@theexpertta.com_StudentView			No Answer	No Answer	No Answer	No Answer	No Answer	No
The Grey	Gandalf	gandalf@lotr.com	5	102	No Answer	No Answer	No Answer	No Answer	No Answer	No
Took	Pippen	pippen@lotr.com	4	101	No Answer	No Answer	No Answer	No Answer	No Answer	No

- Use the drop-down to select your file type and click the **Save** button to export this information.
- The search box can be used to limit your results to a specific student or section by typing a name, email, student number, or section and clicking the Search button, ([Figure 200](#)).

Figure 200: Export Assignment Text Answers - Search

Class Management | Instructor | Help

Physics Demo - HW1

Search Clear

Export to: CSV Save

Parts Selected: Prob 1: (1.1.7) Part a, Prob 1: (1.1.7) Part b, Prob 2: (1.1.1) Part a, Prob 3: (1.1.10) Part a, Prob 3: (1.1.10) Part b, Prob 3: (1.1.10) Part c, Prob 3: (1.1.10) Part d, Prob 3: (1.1.10) Part e, Prob 4: (1.1.11) Part a, Prob 4: (1.1.11) Part b, Prob 4: (1.1.11) Part c, Prob 4: (1.1.11) Part d, Prob 4: (1.1.12) Part a, Prob 4: (1.1.12) Part b, Prob 4: (1.1.12) Part c, Prob 4: (1.1.12) Part d, Prob 4: (1.1.13)

Last	First	Email	StudentNo	Section	Prob 01 Part a Calculate the number of cells in a hummingbird, assuming it has a mass of 10⁻² kg.	Prob 01 Part b Calculate the number of cells in a human, assuming they have a mass of 10² kg.	Prob 02 Part a What is the area of the circle in cm²?	Prob 03 Part a 14 mg	Prob 03 Part b 443 Tg	Prob 03 Part c 47 ng	Prob 03 Part d 4.8 g	Prob 03 Part e 8.8 Pg	Prob 04 Part a What is 3.24 \times 10^{-7} in units of Mm?	Prob 04 Part b What is 3.9 \times 10^{-5} in units of mg?
Baggins	Frodo	frodo@lotr.com	1	101	1	1	2	1	8	9	4	5	9	No Answer

- C. Clicking on the **Clear** button, will clear all search data including selected problems or problem parts and any results associated to them (Figure 201).

Figure 201: Export Assignment Text Answers - Clear Button

The screenshot shows the top navigation bar with 'Class Management | Instructor | Help'. Below it, the page title is 'Physics Demo - HW1'. There is a search bar with a 'Search' button and a 'Clear' button. To the right, there is an 'Export to:' dropdown menu set to 'CSV' and a 'Save' button. Below these elements, there is a large empty box with a downward arrow. At the bottom, there are three dropdown menus labeled 'Last', 'First', and 'Email', each with a small triangle icon. To the right of these dropdowns, the text 'No Data. Please select the parts and refine search criteria.' is displayed.

- D. Click on the ▼ to select or deselect problems and problem parts, like Figure 202.

Figure 202: Export Assignment Text Answers - Change Search

The screenshot shows the same top navigation bar and page title as Figure 201. The search bar now contains the text 'Parts Selected: None'. Below the search bar, there is a list of problems and parts. The list is titled 'Assignment (All Parts)' and includes the following items:

- ☒ Prob 1: (1.1.7)
 - ☒ Part a: Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg.
 - ☒ Part b: Calculate the number of cells in a human, assuming they have a mass of 10^2 kg.
- ☐ Prob 2: (1.1.1)
 - ☐ Part a: What is the area of the circle in cm^2 ?
- ☐ Prob 3: (1.1.10)
 - ☐ Part a: 21 mg
 - ☐ Part b: 669 Tg
 - ☐ Part c: 39 ng
 - ☐ Part d: 8.9 g
 - ☐ Part e: 5.1 Pg
- ☐ Prob 4: (1.1.11)
 - ☐ Part a: What is 5.23×10^7 m in units of Mm?
 - ☐ Part b: What is 0.0082 m in units of mm?
 - ☐ Part c: What is 4.2×10^{-11} m in units of pm?
 - ☐ Part d: What is 1.48×10^{13} m in units of Tm.
- ☐ Prob 4: (1.1.12)
 - ☐ Part a: 51 Tm

At the bottom right of the list, there is a 'Save & Search' button.

To exit the **Export Assignment Text Answers**, click on **Class Management** in the upper left-hand corner of the screen.

Assignment Analytics

Expert TA now offers **Assignment Analytics** so that you can see how your class performed on an assignment. To access **Assignment Analytics**, click on the assignment on the **Class Management** page and then select **Assignment Analytics** from the menu (**Figure 203**).

Figure 203: Select Assignment Analytics

Assignment	Weight	Publish	Start	Due	End	Min	Template
Learning Expert TA	1	May 01, 2021 12:01 AM	Aug 05, 2021 12:01 AM	Aug 19, 2021 11:59 PM	Sep 03, 2021 11:59 PM		Instructor Default
Create Assignment			AM Aug 16, 2021 12:01 AM	Sep 14, 2021 11:59 PM	Sep 17, 2021 11:59 PM		Homework
Edit Assignment			AM Oct 05, 2021 12:01 AM	Oct 12, 2021 11:59 PM	Oct 12, 2021 11:59 PM		Homework
Delete Assignment			AM Oct 08, 2021 12:01 AM	Oct 15, 2021 11:59 PM	Oct 15, 2021 11:59 PM		Instructor Default
Take Assignment			AM Oct 19, 2021 12:01 AM	Oct 19, 2021 11:59 PM	Oct 19, 2021 11:59 PM	60	Quizzes

- View Printable Assignment
- Copy Assignment
- View Grade Report (shows your detailed work)
- Manage Grades (Grade Manually)
- View Grades (Spreadsheet)
- View Assignment Solutions
- Take in Practice Mode
- Export Assignment Text Answers
- Assignment Analytics**

After clicking **Assignment Analytics**, you will see a screen like **Figure 204**.

Figure 204: Assignment Analytics Screen

Class: Physics Demo
Assignment: HW1

Status Settings
 Critical: Grade < 65
 Warning: 65 ≤ Grade < 80
 Good: Grade ≥ 80

Flagged Parts Settings
 First Submission Correct % < 50
 All Submissions Correct % < 75

Update Cancel

Assignment Analytics - Problems Success Metrics

Status	Problem #	Success Rate	First Attempt All Attempts	Flagged Parts
!	1#:1.1.7	0%		2 Parts: a, b
!	2#:1.1.1	0%		1 Part: a
!	3#:1.1.10	0%		5 Parts: a, b, c, d, e
!	4#:1.1.11	0%		4 Parts: a, b, c, d
!	4#:1.1.12	0%		4 Parts: a, b, c, d
!	4#:1.1.13	0%		4 Parts: a, b, c, d
!	4#:1.1.14	0%		2 Parts: a, b
!	5#:1.2.3	43%	43%	1 Part: a
!	6#:1.2.1 (alt)	0%		2 Parts: a, b
!	7#:1.2.3	13%		1 Part: a
!	8#:1.2.8	0%		1 Part: a
!	9#:1.2.10	0%		1 Part: a
!	10#:1.3.12	0%		4 Parts: a, b, c, d

1#:1.1.7 a: Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-3} kg.
Answer
 No Answer Given
 cells/hummingbird = 1
 cells/hummingbird = 15
 cells/hummingbird = 5
 cells/hummingbird = 8356

1#:1.1.7 b: Calculate the number of cells in a human, assuming they have a mass of 10^3 kg.
Answer
 No Answer Given
 cells/human = 1
 cells/human = 58
 cells/human = 677
 cells/human = 68

2#:1.1.1 a: What is the area of the circle in cm^2 ?
Feedback
 No Answer Given
 No specific feedback available

3#:1.1.10 a: 15 mg
Feedback
 No Answer Given
 No specific feedback available

3#:1.1.10 b: 674 Tg
Feedback
 No Answer Given
 No specific feedback available

3#:1.1.10 c: 23 ng
Feedback
 No Answer Given
 No specific feedback available

3#:1.1.10 d: 2.9 g
Feedback
 No Answer Given

To use this feature, first set the **Critical** and **Good** range in the **Status Settings** (see [Figure 205](#)). Also, set the **First Submission Correct %** and **All Submissions Correct %** in the **Flagged Parts Settings**. When finished making any adjustments to the settings click the **Update** button to apply the changes or **Cancel** button to return to the **Class Management** screen.

Figure 205: Assignment Analytics - Change Settings

Class Management | Instructor | Help		
Class: Physics Demo Assignment: HW1		
<div> <div> Status Settings </div> <div> Critical Grade < 65 Warning 65 <= Grade < 80 Good Grade >= 80 </div> </div> <div> Flagged Parts Settings </div> <div> First Submission Correct % < 50 All Submissions Correct % < 75 </div> <div> Update Cancel </div>		

The bottom part of the screen ([Figure 206](#)) shows the results of your settings from the top of the page ([Figure 205](#)). The left-hand side of the screen shows the **Flagged** problems, and the right-hand side of the screen shows a detailed breakdown of each **Flagged** problem.

Figure 206: Assignment Analytics Results

Assignment Analytics - Problems Success Metrics				
Status	Problem #	Success Rate	Flagged Parts	
		First Attempt All Attempts		
!	1#:1.1.7	0% 0%	2 Parts: a, b	1#:1.1.7 a: Calculate the number of cells in a hummingbird, assuming it has a mass of 10^{-2} kg. Answer No Answer Given cells/hummingbird = 1 cells/hummingbird = 15 cells/hummingbird = 5 cells/hummingbird = 8356
!	2#:1.1.1	0% 0%	1 Part: a	Answer Count 5 1 1 1
!	3#:1.1.10	0% 0%	5 Parts: a, b, c, d, e	
!	4#:1.1.11	0% 0%	4 Parts: a, b, c, d	1#:1.1.7 b: Calculate the number of cells in a human, assuming they have a mass of 10^2 kg. Answer No Answer Given cells/human = 1 cells/human = 58 cells/human = 677 cells/human = 68
!	4#:1.1.12	0% 0%	4 Parts: a, b, c, d	Answer Count 5 1 1 1
!	4#:1.1.13	0% 0%	4 Parts: a, b, c, d	
!	4#:1.1.14	0% 0%	2 Parts: a, b	
!	5#:c1.2.3	43% 43%	1 Part: a	2#:1.1.1 a: What is the area of the circle in cm^2 ? Feedback No Answer Given No specific feedback available
!	6#:1.2.1 (alt)	0% 0%	2 Parts: a, b	Feedback Count 5 4
!	7#:1.2.3	0% 13%	1 Part: a	3#:1.1.10 a: 15 mg Feedback No Answer Given No specific feedback available
!	8#:1.2.8	0% 0%	1 Part: a	Feedback Count 4 4
!	9#:1.2.10	0% 0%	1 Part: a	3#:1.1.10 b: 674 Tg Feedback No Answer Given No specific feedback available
!	10#:1.3.12	0% 0%	4 Parts: a, b, c, d	Feedback Count 4 4
				3#:1.1.10 c: 23 ng Feedback No Answer Given No specific feedback available
				Feedback Count 4 4
				3#:1.1.10 d: 2.9 g Feedback No Answer Given
				Feedback Count 4

A

B

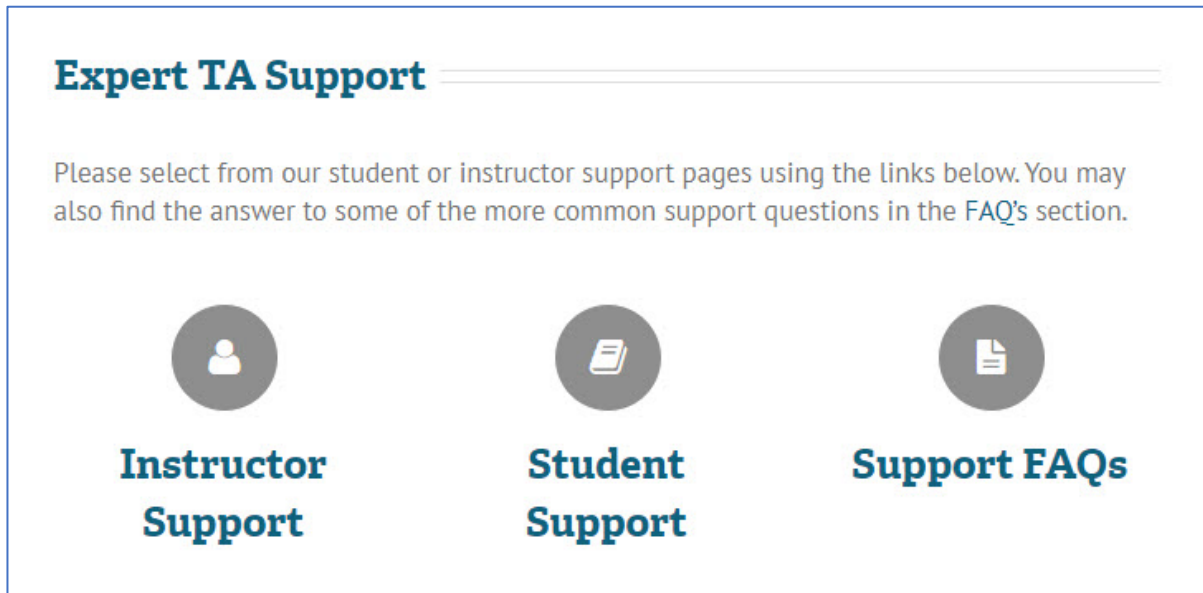
- Flagged problems
- Detailed breakdown of the flagged problems

Help

Help

Figure 207.

Figure 207: Help Screen

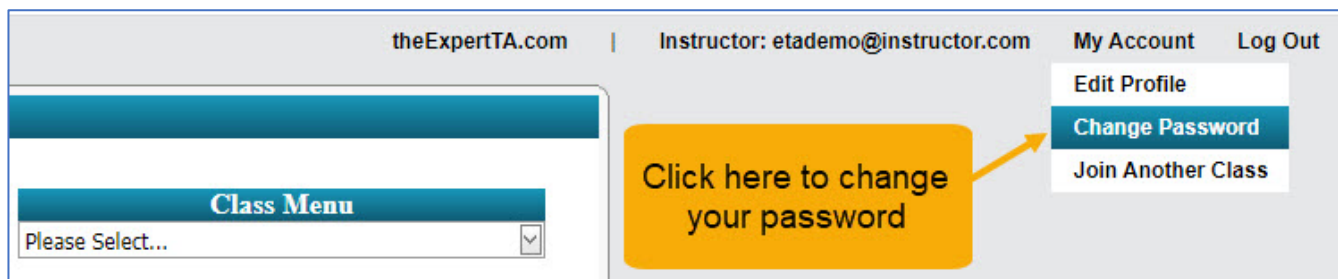


- **Instructor Support:** The instructor support area includes various documentation such as LMS Integration, the Instructor User Manual, tips on setting grade preferences, the Respondus Lockdown Browser User Manual, etc. It also includes a contact form that can be used to reach the Expert TA support team with any questions, comments, or concerns.
- **Student Support:** From this screen you can access videos and PDFs such as the Student User Manual that explain the most common help topics. If the help you are seeking is not included in this screen, you can send Expert TA an email for more personalized instruction by clicking on the blue email address.
- **Support FAQs:** This area includes our most frequently asked questions and the answers to those questions. It is split into three categories: **Product FAQs**, **Instructor FAQs**, and **Student FAQs**. These categories can be clicked on at the top of the screen to show only the respective FAQs.

Changing Your Password

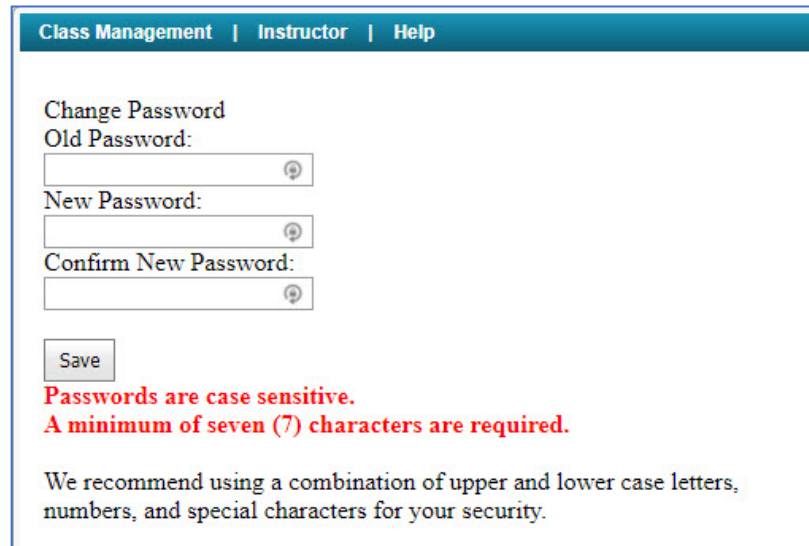
At the top of your screen, you will see your username and the words **My Account** and **Log Out** in black. If you hover your mouse over **My Account**, a drop-down will appear (Figure 208).

Figure 208: Select Change Password



Click on **Change Password** and the following screen, seen in [Figure 209](#), will appear.

Figure 209: Change Your Password



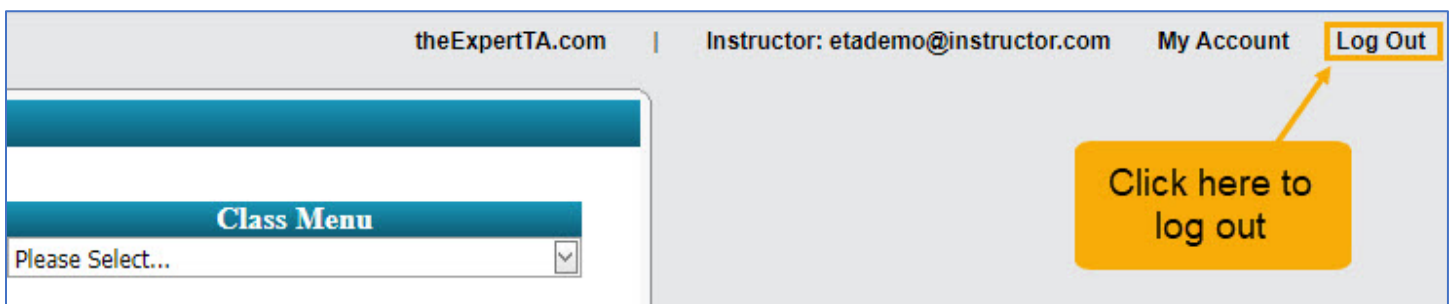
The screenshot shows a web form titled 'Change Password' within a navigation bar containing 'Class Management', 'Instructor', and 'Help'. The form includes three input fields: 'Old Password:', 'New Password:', and 'Confirm New Password:', each with a password icon on the right. Below these fields is a 'Save' button. Red text below the button states: 'Passwords are case sensitive. A minimum of seven (7) characters are required.' At the bottom, a recommendation reads: 'We recommend using a combination of upper and lower case letters, numbers, and special characters for your security.'

Enter your current password, your new password, and confirm your new password. Click **Save** to save your password change or use your browser's back arrow key to exit without changing your password.

Logging Out

At the top of your screen, on the right-hand side, you will see your username and the words **My Account** and **Log Out** in black ([Figure 210](#)). Click on **Log Out** to exit Expert TA.

Figure 210: Log Out



Expert TA: Student Registration Instructions

An online version of the following set of instructions can be found here: <https://theexpertta.com/how-to-register/>

Step 1: Enter your registration link into your browser

Your instructor will provide you with a registration link that looks like this: <http://goeta.link/DEI56MO-82F156-I>

Figure 211: Initial Course Registration Page

Welcome to Expert TA!

We are excited about the coming semester and we hope that you are as well. Use the area below to complete the registration process and be added to the class listed below. If you have any questions about these steps you can click here for detailed instructions on the registration process. You can also contact us if you are having trouble.

Registration Information

Code: 82F156-I Role: Student
 Class: Phy 101-001 : Description: Intro Physics I with Dr. Morton
 Wrong class? Click [here](#) to enter a new class code.

Step 2: Enter a valid email address.
 You must enter the address exactly the same in both fields for confirmation.
 Note: Most college and universities require you to use your college or university email address (i.e. not your Yahoo or Gmail account). Please use your university e-mail address unless your instructor has directed you otherwise.

Email Address:
 Confirm Email:

Enter the link into your browser and you will see the registration screen, see **Figure 211**. Check to see that your Class and Class Description match the class for which you are registering. **Note: This step applies to both first-time registrations and returning users registering for a new class.**

Step 2: Enter your email

At the bottom of this registration screen, **Figure 211**, you are asked to enter your email. Your email will serve as your username, so please remember which email address you use. You will only be able to log into Expert TA with the exact email you register with. Confirm your email address and click the Continue button to move on to the next step.

Step 3: Choose a password or Enter your Password

After entering your username (your email address), Expert TA will check to see if you have an account in the system.

- If you have previously registered with Expert TA before, the system will recognize your email and you will be prompted to enter your password, see **Figure 212**.
- If this is your first time registering with Expert TA, the system will likely not find a match for your email and you will be asked to choose a password and confirm your password, see **Figure 213**.

Your password must be at least seven characters in length, and we recommend including a mixture of upper-case and lower-case letters, numbers, and at least one special character (ex: #, !, \$, etc.). Click the **Continue** button to move on to the next step.

Figure 212: Enter Your Password

Registration Information

Code: 82F156-I Role: Student
 Class: Phy 101-001 : Description: Intro Physics I with Dr. Morton
 Wrong class? Click [here](#) to enter a new class code.

User: example@exampleschool.edu existing user found.

Step 3: Enter a password. A valid password is required for the existing user to continue.
 Forgot your password? Click [here](#) to enter a new class code.

Password:

Figure 213: Choose Your Password

Registration Information

Code: 82F156-I Role: Student
 Class: Phy 101-001 : Description: Intro Physics I with Dr. Morton
 Wrong class? Click [here](#) to enter a new class code.

User: example@exampleschool.edu new user.

Step 3: Enter a password. A new password consisting of a minimum of 7 characters is required. You must enter the password twice.
 For your security we recommend using upper and lower characters, numbers, and at least one non alphanumeric characters

Password:
 Confirm Password:

Figure 214: Complete Registration

Registration Information

Code: 82F156-I **Role:** Student
Class Phy 101-001 : **Description:** Intro Physics I with Dr. Morton
 Wrong class? Click [here](#) to enter a new class code.

User: example@exampleschool.edu new user.
 Password Confirmed!

Step 4: Update User Profile

First Name:
 Last Name:
 Student ID/NO:
 Section:
 A01
 B02

Terms of Service Agreement

The following terms establish an agreement between you, the user, and Expert TA, LLC. Access to our website and the services provided therein are contingent upon your acceptance of the terms in this agreement. If you do not agree with or do not agree to adhere to the terms in this agreement, you should not register for our service. Expert TA may change the Terms of Service from time to time. At the time these changes are made, Expert TA will make available the updated Terms of Service on our website and will include the new terms in the registration process. By accepting these terms, you understand and agree that your

☒ I accept and agree to the Terms of Service Agreement

Step 4: Update your User Profile

The next screen, [Figure 217](#), contains your user profile information. Your **First Name** and **Last Name** are required fields. Your school may also require you to enter your **Student ID**. If this field is required, enter your student ID number provided by your school. Please take care while entering your student ID number as your instructor needs this to keep grades organized across sections. **Note: If you have registered for an Expert TA class before, this information will already be filled in for you, but you are free to make changes, if needed.** Your instructor may have set up your class with sections. Open the **Section** drop-down and select your section from the list, if available.

Lastly, read the **Terms of Service Agreement** and then check the checkbox. By checking the checkbox, you are saying that you have read, accept, and agree to the **Terms of Service Agreement**. When you are finished, click on the **Continue** button to complete your registration and move on to the payment screen.

Step 5: Payment

The next screen you see is the payment screen, shown in [Figure 218](#). **Note: You will not be able to do homework until you complete the payment process.**

First, click the checkbox next to your class and then select one of the following options:

Figure 215: Payment Screen

Class Management | Help

Welcome to Expert TA!

Payment Information
 You must either purchase the materials, or enact the 14 day free trial, before any assignments can be completed. Please check the box beside the appropriate material below and then choose a payment method.

#	Class Name	Description	Start Date	End Date	Price
<input checked="" type="checkbox"/>	Phy 101-001	Expert TA's First Edition Physics Content	8/1/2019 12:00:00 AM	7/31/2025 12:00:00 AM	\$32.50

Total: \$32.50

Price Transparency
 The price listed above is associated with purchasing directly from Expert TA online. Bookstores make their own pricing decisions. Please Note: If you purchase an access code from the bookstore it will be higher than the price listed above.

Pay Online Securely with a Credit Card
 Pay online securely via Authorize.net, at the price listed above.

Pay with an Access Code from the Bookstore*
 Please Note: The price may be higher than what is listed above, and that not all campus bookstores carry Expert TA access codes.

Access previously paid content
 I acknowledge that I will not have access to any of the class contents that I have not paid for. Any other access would require payment or trial access.

A: 14-Day Trial – Expert TA offers a free 14-day trial for each class. At the end of the 14-day trial, you will be prompted for payment to continue accessing your class.

B: Credit Card – This will take you to a secure cart where you can complete your purchase with a credit card. See **Payment with Credit Card** below for additional details.

C: Access Code – Access codes can be purchased at your bookstore, if available. See **Payment with Access Code** below for additional details.

Note: Some of the characters are easily mistaken for one another (ex: 1, I, 0, O), so pay careful attention when entering your code.

Step 6: Begin using Expert TA

When you have completed your payment, you will be directed to the Class Management screen where you can begin working on your class assignments.