

Instructions for the Practice IVET

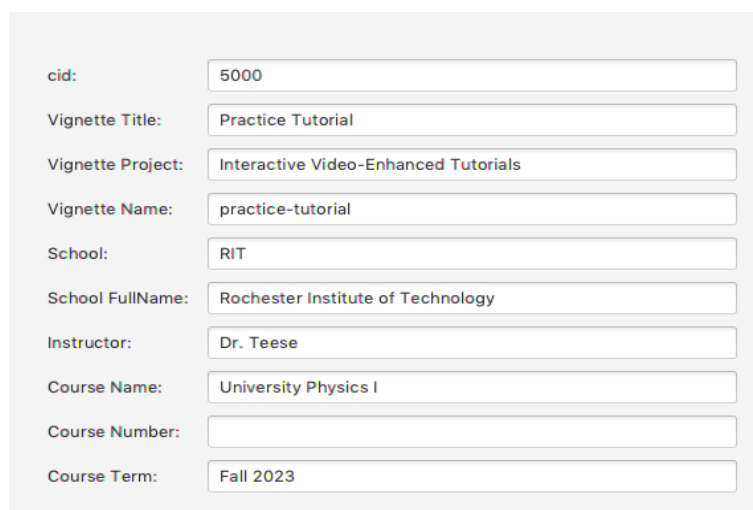
With an internet browser, go to the website

<https://workshops.sciencetutorials.net/aaptsm2023.php>

and download the materials that you will need.

This practice IVET is based on the Torque and Rotation tutorial, but it has been shortened and simplified. Also, you will not be working on the pages in order. Instead, these instructions will lead you through the simpler parts first and come back to more complicated ones later.

1. Open Vignette Studio II. Create a new vignette with the default framework. Fill in the settings, using your own name, etc.



A screenshot of a web form for creating a new vignette. The form has a light gray background and contains several input fields with labels to their left. The labels and their corresponding values are: 'cid:' with '5000', 'Vignette Title:' with 'Practice Tutorial', 'Vignette Project:' with 'Interactive Video-Enhanced Tutorials', 'Vignette Name:' with 'practice-tutorial', 'School:' with 'RIT', 'School FullName:' with 'Rochester Institute of Technology', 'Instructor:' with 'Dr. Teese', 'Course Name:' with 'University Physics I', 'Course Number:' which is empty, and 'Course Term:' with 'Fall 2023'.

cid:	5000
Vignette Title:	Practice Tutorial
Vignette Project:	Interactive Video-Enhanced Tutorials
Vignette Name:	practice-tutorial
School:	RIT
School FullName:	Rochester Institute of Technology
Instructor:	Dr. Teese
Course Name:	University Physics I
Course Number:	
Course Term:	Fall 2023

2. Drag icons onto the workspace to create pages. For starters, just add the following pages. We'll add more pages later.

Page Name	Page Type
login	login
intro	general
problem	problem

3. We'll start with the easiest one first. Double-click on the **login** icon in your workspace to open it for editing. Use the *Edit Next Page Link(s)* button to link it to the **intro** page. You don't need to do anything else to this page. Note that a vignette must always begin with a page named "login". After you close the Next Page dialog box by clicking OK, click the *Vignette* tab (*the tab, not the top menu item!*) to go back to the workspace. There will be an arrow between **login** and **intro**. You may want to rearrange the icons on the workspace.

4. Double-click on the **intro** icon to open it for editing. In the Practice IVET script, find the section for the **intro** page on Script Page 1. Below the word Vimeo is the embed code for the

video that goes on that page. (It was obtained from the website for that video on Vimeo.com) Copy the entire embed code, which is several lines long. In Vignette Studio II, click the *Replace Video* button, and paste the embed code into the text box. Click OK.

5. In the script, copy the formatted text for the **intro** page. Return to the **intro** page in Vignette Studio II. Paste the text into the appropriate place in the editor window, replacing the line "page_content" on line 58. Use the *Edit Next Page Link(s)* button to link it to the **problem** page.

6. Return to the workspace (by clicking the *Vignette* tab). With the *Vignette* top menu item (*not the tab!*), choose *Preview Vignette*, then *Save and Preview*. Since you have not saved the vignette yet, you will be prompted to save it somewhere (anywhere) on your machine's hard disk. Then the default browser will open so you can see what you have done so far. It is a good idea to preview your work often to check for mistakes.

7. In the script, copy the formatted text for the **problem** page on Script Page 2. Notice that the math sections of the text have already been formatted for you using the *IVET Equation Writer* on ComPADRE. Return to the workspace in Vignette Studio II, and double-click on the **problem** icon to open it. Paste the text into the appropriate place in the editor window, replacing the line "page_content".

Place the cursor at the end of the text you just inserted and press Enter. This will create a blank line. Click the *Add Image* button in the upper left corner of your screen. This opens a dialog box with a large gray block in it. Click on the gray block to get another dialog box for finding a file on your hard disk. Find the file named TR1-problem.png, which is in the Images folder of the workshop materials. Click Open, which brings you back to the previous dialog box, then click OK. At this point, Vignette Studio will be waiting for you to locate the place in the editor window where you want the image tag to be. Place the cursor in the blank line you just created, which should be on line 62. Click OK in the small dialog box that appears. The blank line you made should now contain an image tag, which looks like this:

```

```

Preview and look at the page, choosing the text option. The image will be there, but it will not be centered. There are several ways to center items in HTML. In the editor window for the **problem** page, find the image tag. Just before the image tag, insert the tag

```
<p style="text-align: center;">
```

and just after the image tag insert the tag

```
</p>
```

Now the image should be centered. You could also center it by putting <center> and </center> tags around the image tag.

8. In the published IVET, the video on the **problem** page is hosted on Vimeo. However, for this practice script we'll use a video hosted on YouTube so you can see how it works. Below the name YouTube in the script is the video's YouTube link. The part we need is the video identifier YzycxckGE0g that is at the end of the link. Copy only the video identifier, then return

to the problem page editor. Click the *Replace Video* button, choose *YouTube Video Link* with the pull-down menu, and paste the identifier. Click OK.

9. Next we're going to skip ahead to another simple page (IVET Page **chooseSummary** on Script Page 13) before coming back to the more complicated ones. Drag icons to somewhere near the bottom of the workspace to create these pages:

Page Name	Page Type
chooseSummary	text_only
summary	video_only
whatLearned	whatLearned
completion	completion

10. In the **login** page editor, change its Next Page link to the **chooseSummary** page. We'll change the link again later, but for the time being this makes it easier to preview your work.

11. Open the **chooseSummary** page for editing. Delete the text placeholder "page_content", leaving a blank line there.

Use the *Add/Edit Question* button to add a branching question. Copy the question "Do you want to see a video summary of what we have done so far, or would you rather continue with the tutorial?" from the script (Script Page 13) and paste it into the appropriate place in the dialog box. The copy each of the answer choices A and B from the script (including the A. and the B.) and paste them into the appropriate places in the dialog box under Answer Key. Use the "-" buttons next to the two unused answer choice lines to delete them. Click OK. Then put the cursor in the blank line you created and click OK in the small dialog box that appears. You will see the HTML for the question there.
Set the Next Page links for the two answer choices as described in the script.

12. Double-click the **summary** page icon for editing. Add its video (see Script Page 13). In the upper left of the workspace window, click the *Page Settings* button. In the dialog box, disable the Options button since there is no text option for this page. Finally, set the Next Page link as described in the script.

13. Open the **whatLearned** page for editing. Set its Next Page link to **completion**. You do not need to edit anything else on that page. The **completion** page does not need to be edited at all. Preview the vignette and admire what you just created!

14. Now let's try another question. Drag icons onto the workspace to create the following pages:

Page Name	Page Type
q3	q (question)

q3a	response_incorrect
q3b	response_correct
q3c	response_incorrect

Go back to the **login** page editor and change its Next Page link to **q3** for easy previewing.

15. Open page **q3**. Set the video (See Script Page 10). Notice that the text section only includes two images. Don't forget that part of the process of adding an image is to put the cursor at the location in the editor where you want to place the image tag. The first image tag will replace the placeholder "Insert_image_here_or_remove_this_paragraph" and the second image tag will go on the next line after that. Use the Add Image button to insert each of the images. Preview it. The images are much too big! Look at the image tags. Near the middle of each one it says, 'width:600px;' in the style attribute. Change the 600 to 300 in each tag. Delete the line "Replace_this_with_an_explanation_of_the_question". Add the formatted branching question Q3 to the page as described in the script on Script Page 10. Don't forget to remove the unneeded fourth Answer Key line. Set the Next Page links.

16. Finish the pages **q3a**, **q3b** and **q3c** as described in the script. *Optional: If you're in a hurry, don't add the video or text to these pages, but do set the Next Page links in them according to the script.* Note: The image on page q3b is the same as the image on page q2.

17. Drag icons to the middle of the workspace to create pages **q2**, **q2a**, **q2b** and **q2c**. By now you know what page types to choose. Note that **q2a** is a correct response.

Go back to the **login** page editor and change its Next Page link to **q2**.

18. Open page **q2**. The other questions you have made had text answer choices. This one has images. Use the *Add Image Question* button in the editor to insert this branching question. The image filenames are in the script on Script Page 7. *Note: There is a bug in Vignette Studio II. After inserting an image, you may have to click once in the editor window to bring back the dialog box.* Finish the other parts (Video, Text, Image and Next Page links) as usual according to the script.

19. Finish pages **q2a**, **q2b** and **q2c** as described in the script. *Optional: If you're in a hurry, don't add the video or text to these pages, but do set the Next Page link in them.*

20. Drag icons onto the workspace to create pages **q1**, **q1a**, **q1b**, **q1c** and **q1d** as described in the script (**q1a** is correct). Go back to the **login** page editor and change its Next Page link to **q1**.

21. Open page **q1**. The text and image in the script for **q1** is the same as on the **problem** page. Copy the text from the **problem** page (everything after `<p class="normTxt" style="text-align: left;">` and before the last `</p>`), and paste it into the **q1** page, replacing the line

Replace_this_with_an_explanation_of_the_question.

Since the image has already been inserted into the vignette, you only need to copy its HTML link, which is already in the text you copied. Set the video as usual.

22. The other questions you have made were multiple-choice. This one is multiple-select. Students hate (and instructors love) multiple-select because the large number of answer choices makes it hard to guess the answer. However, we need to be careful to have a suitable response to *every* choice. To set up this question, use the *Add/Edit Question* button, select *Branching*, and set the *Input Type* pull-down menu to checkbox. Then paste in the question and answer choices as usual (see Script Page 4) and add the video.

Next use the *Edit Next Page Link(s)* dialog box to set up the links for this type of question. The table in the script shows links for choices A, AC and C. There is another link, the default, for all of the other possible choices. Initially the dialog box shows only a place to choose the default link. Click the “+” button three times to create three new lines for the other choices. When you enter the answer choices, make sure each one is in alphabetical order (AC, not CA) and they are upper case.

23. Finish **q1a**, **q1b**, **q1c** and **q1d** as usual. *Optional: If you're in a hurry, don't add the video or text to these pages, but do set the Next Page link in them.*

24. Create a page named **plan** with page type video_only. Insert the video embed code and text as usual (see Script Page 3). Then use the *Add/Edit Question* button to create a non-branching question with Input Type textfield. Place it near the bottom of the page in the editor window (line 63). In the upper left of the workspace window, click the *Page Settings* button. In the dialog box, disable the Options button since there is no text option for this page. Set the Next Page link to **q1**.

25. In the **login** page editor, change its Next Page link to the **intro** page. In the **problem** page editor, change its Next Page link to the **plan** page.

26. We're almost done!

Create a page named **problemStatement** with page type problemStatement. This is not really a page. It is a pop-up window that appears when the student clicks on the *Problem Statement* button in the vignette. It should not have a Next Page link.

From the **problem** page in Vignette Studio II (*not from the script*) copy everything between

```
<p class="normTxt" style="text-align: left;">
```

and the last

```
</p>
```

and paste it into the **problemStatement** page, replacing

```
insert_problem_statement_here.
```

Since the image has already been inserted into the vignette, you only need to copy its HTML link, which is already in the text you copied.

27. All done! Preview and enjoy.