

Webwork at Pitt

Frank Beatrous

University of Pittsburgh

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What is Webwork?

- Webwork is an online homework management system.
- It can
 - Give instructors access to a library of over 20,000 problems for building online assignments
 - Generate randomized versions of assigned problems for individual students
 - Give students instant feedback on their answers
 - Automatically grade student work
 - Automatically publish homework solutions after a specified date (for some problems)

How is Webwork used at Pitt?

- Webwork homework replaces written homework in Math 0120, 0125, 0126, and 0200.
- You will assign online homework to your students.
- Your Webwork courses have been set up for you, with a set of 13 default homework sets already prepared.
- Your class rosters have been loaded into your course, and will be updated periodically through the add/drop deadline.

What do my students see?

- You can become a student *right now*.
 - Go to <http://webwork.math.pitt.edu>
 - Click the link to **Math 0120 Demo** or **Math 0200 Demo**, depending on which class you are teaching.
 - Try your usual Pitt login. *Your username must be in lower case.*
 - If your Pitt login does not work, try the username “guest” with password “12345”.

What will I see as an instructor?

- Go to <http://webwork.math.pitt.edu>.
- Find the link to your course, identified by class number, and click on that link.
- Log in with your usual Pitt username (in lower case) and password.

Why don't I see any problem sets?

Answer: Because you haven't assigned any to yourself! Let's fix that right now!

Just follow the steps in section 3.2 of the handout "Webwork for Instructors":

- 1 Click "Instructor Tools" in the main menu on the left.
- 2 Select the problem sets Homework 01 – Homework 13 from the scrolling list on the right. *Do not select any other problem sets at this time.*
- 3 Select your username from the scrolling list on the left.
- 4 Click "Assign selected users to selected sets."

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That's it!!!

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 - We have provided some extra problem sets organized by textbook section that you can use as problem sources for custom assignments.

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- Make and administer timed online quizzes

Where can I get more information?

- <http://calculus.math.pitt.edu/instructor/>
- <http://webwork.maa.org>

What will I do today?

- Log on to your Webwork course as instructor
- Assign problem sets to yourself (so that you can see them).
- Assign your first homework set to students. Required steps are
 - Make the homework visible to students
 - Set an opening date
 - Set a due date
 - Set a date for publication of solutions
 - Assign problem set to all students.

Detailed instructions are in section 3.3 of the handout. Go ahead and assign Homework 1 to your students now!

Roster updates

- Class rosters are loaded into Webwork for you.
- Rosters are updated each day through the end of add-drop.
- *Warning:* Homework is not automatically assigned to newly added students.
 - Any homework you assign before the end of add-drop will have to be manually assigned to newly added students.
 - The simplest way of doing this is to repeat the process of assigning to all students every couple of days through the end of add-drop.