Information for Online Homework Math10560 Spring 2021 (hyperlinks are in blue)

Homework will be assigned and collected electronically through Webassign.

- To register for online homework, you may follow the directions given in the Webassign Quick Start Guide:
  http://webassign.net/manual/Student_Quick_Start_Guide_SE.pdf
  or follow the directions below.
- Go to this page: http://www.webassign.net.
- Click on `Enter a Class Key` on the upper right of the page.
- Enter the appropriate Class Key from the table below and click `Enroll` (you can check the name of your instructor and your section number in sakai):

Instructor	Section	Class Time	Class key
Luan Doan	Section 01	9:10 a.m. - 10:00 a.m.	nd 4511 9082
Xiaoxiao Li	Section 02	11:40 a.m. - 12:30 p.m.	nd 8867 6697
Felix Janda	Section 03	2:30- 3:20 p.m.	nd 5479 9421
Kathryn Mulholland	Section 04	10:25-11:15 a.m.	N/A
Yaim Cooper	Section 05	1:00- 1:50 p.m.	nd 6347 5948
Minh Tran	Section 06	11:40 a.m. - 12:30 p.m.	nd 6177 8191
Philippe Mathieu	Section 07	8:00- 8:50 a.m.	nd 3804 8946
Annette Pilkington	Section 08	2:30-3:20 p.m.	nd 4783 7225

- If you already have a Cengage/Webassign account (this applies if you used Webassign for homework in Calculus I last semester), **login with the same username and password that you used for your previous calculus class**. If you have already purchased a Cengage Unlimited subscription for 4months or longer for Math 10550 last semester, or a multi-term homework access code or book/EWA card bundle , the system should recognize this and should not send you any notices requesting that you purchase an access code when the grace period ends (If it does, then most likely, you are signing in with a different id than the one you used last semester).
- If, on the other hand, you are a new user, Follow the steps to create a Cengage account. Please use your Notre Dame e-mail address to set up the account. It's best to use your e-mail address as your username and keep a record of your password. I advise against putting in your student ID number.
- Refer to the following site:
  https://www.cengage.com/student-training/webassign/not-integrated/ia-no/,
  or the Quick Start Guide:
  http://webassign.net/manual/Student_Quick_Start_Guide_SE.pdf,
  to register for your class with the appropriate class key from the table above.
- If you did not use webassign last semester, you have about 10 days after Feb. 02 to purchase an access code and enter it in the system before it terminates your access(see below).
- If you need to switch sections, take a screen shot of your homework scores to date before you switch (just in case anything goes wrong), then send an e-mail to Pilkington.4@nd.edu with the

screenshot, details of the section you are switching from, and the one you want to switch to. If you have joined two sections, for one reason or another, and you want one erased, follow the same procedure with details of which one you want erased.

Be sure to read the `Book/Access Code Information` **on our website before purchasing a book or access code.** Note that a one-semester Cengage Unlimited subscription will cover book/homework access for Calculus I-III. It will also allow you to access the precalculus book by Stewart and will give continued access to precalculus webassign modules (discussed below).

You will now be able to view your Home Page, which will give you a list of current assignments. You are now ready to start work on your current assignments. Instructions on getting started are given on the course website under the link
`Online Homework Information/Getting Started on Your Homework`. Your Home Page also offers a window with information on the e-book. You can preview the e-book and the attached media files if you click on this window.

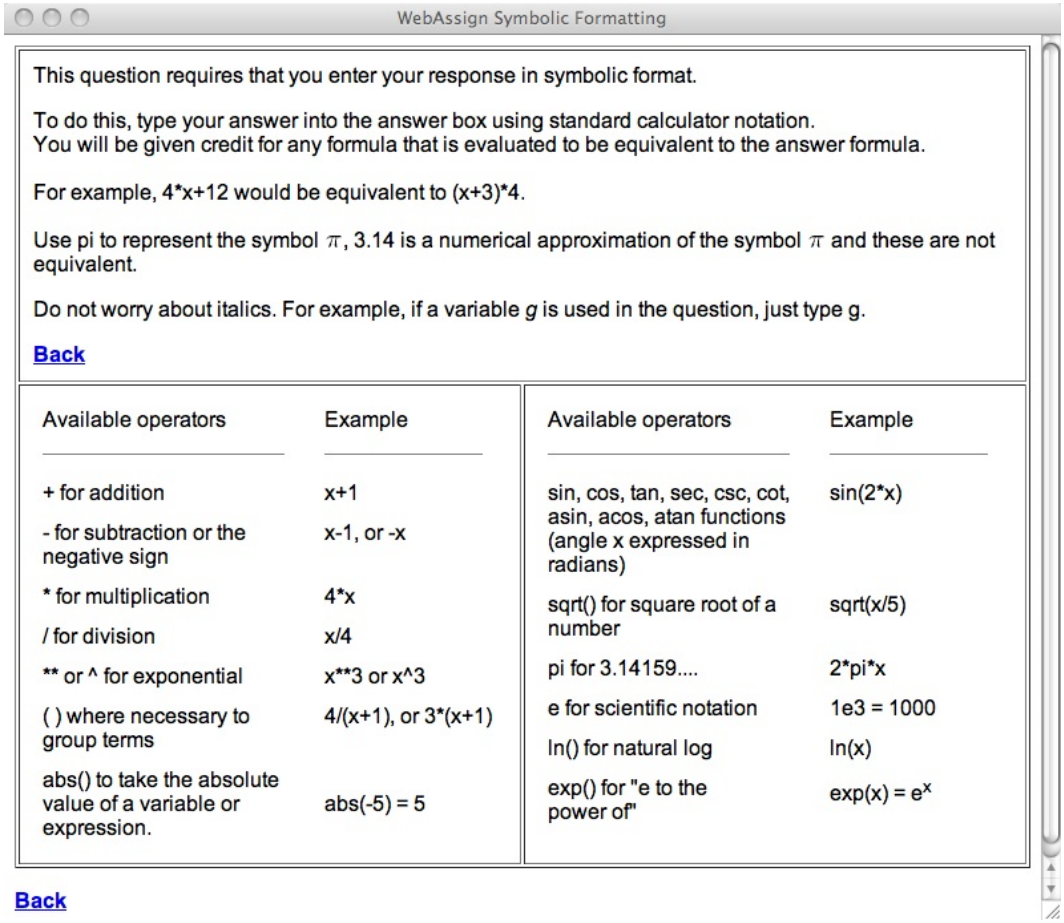
FREE EXTRA WEBASSIGN MODULE WITH CENGAGE UNLIMITED: Precalculus II You have free access to the Precalculus II module. This is a set of assignments on webassign for review of many of the concepts from Precalculus which are used in Calculus II. These assignments are contained in a course called Precalculus II. The class key is nd 6806 1412 and you can **sign up** for it as you did for the regular course above **using the same id and password that you use for Calculus II**. The answers are available to these questions at all times, if you need to check your work. the module will remain open all semester.

HOMEWORK POLICY: The homework for each class is available at 2am on the day of the class prior to the one in which the relevant material is scheduled to be covered. It is due at the end of the next class day (in fact 2a.m. the following morning). A complete list of due dates is attached. In order to give you time to get acquainted with the system, the first two homeworks will not be counted in the final grade. They are due at the end of the day on Feb. 08 (You should of course complete the first two homeworks since you will be examined on the material in Exam 1). It is expected that by Feb. 08 you will have overcome any initial difficulties you might have with the system.

Late Homework will not be accepted. In the case of extenuating circumstances, you should consult your instructor. A prearranged trip off campus, for any event will not be considered as extenuating circumstances. Your Homework will count for 50 points out of a total of 325 points for the course, approximately 15.4% of your final grade.

WORKING THROUGH AN ASSIGNMENT: More detailed instructions on getting started and working on assignments are given on the course website under the link
`Online Homework Information/Getting Started on Your Homework`.
For each homework question part, you are allowed 5 submissions for the answer unless it is a multiple choice question, in which case the number of submissions will be limited (the number allowed is usually written into the question). You can submit question parts individually. When you wish to make a submission, click `Submit Answers`. You do not need to complete your homework or a question in one sitting. You may click `Save Work` if you wish to return to your work later.

The first chart below shows the proper syntax for entering answers and the next chart shows the most common errors when entering answers. There is also a a menu called "Calcpad" available when working on a problem which can be opened and used to help you enter your answers.



Question Mode	Problem	Incorrect Notation	Correct Notation
Any	Incorrect grouping operator.	4{x+3}	4(x+3)
Any	Missing operand.	50*	50*3
Any	Too many consecutive operators.	x++++2	x+2
Any	Unrecognized symbol.	$4.00 4&6	4.00 4+6
Numerical	Misspelled unit.	3456 met/sec	3456 m/s
Numerical	Response cannot contain variables.	2*x+3	2*10+3
Numerical	Response cannot use implicit multiplication.	3(14)	3*14
Symbolic or Algebraic	Comma in number.	5,000	5000

HELP : The Math Help Room is a help room staffed by graduate students.
Details on the math help room and Instructor/Tutor office hours are available on the website Help Available.

Webassign offers technical support and tutoring facilities. For **technical support**, click on the students support button at the upper right hand corner of the Webassign home page.
For **homework help** the Enhanced Webassign system gives a number of help options with each question.

- **Read it :** Brings you to the relevant section of the book.
- **Watch it :** Shows a video tutorial where someone works through a similar question.
- **Master it :** Helps you through a similar question in steps outlining the ideas involves in each step.
- **Chat about it :** Offers help through live online tutorials.

Help is also available from your **tutors and instructors.**

Homework Schedule Math10560 Spring 2021

Class Date	Topic covered in class	HW Appears	HW Due
Feb. 03 Wed.	6.1. Inverse Functions	Tue. 02/02	Tue. 02/09 **2:00 a.m.**
Feb. 05 Fri.	6.2*. The Natural Logarithmic Function	Tue. 02/02	Tue. 02/09 **2:00 a.m.**
Feb. 08 Mon.	6.3*. The Natural Exponential Function	Fri. 02/05	Thurs. 02/11 **2:00 a.m.**
Feb. 10 Wed.	6.4*. General Logarithmic and Exponential Function	Mon. 02/08	Mon. 02/15 **2:00 a.m.**
Feb. 12 Fri.	6.5. Exponential Growth and Decay	Wed. 02/10	Tue. 02/17 **2:00 a.m.**
Feb. 15 Mon.	6.6. Inverse Trigonometric Functions	Fri. 02/12	Thurs. 02/18 **2:00 a.m.**
Feb. 17 Wed.	6.8. Indeterminate Forms and L'Hospital's Rule	Mon. 02/15	Mon. 02/22 **2:00 a.m.**
Feb. 19 Fri.	7.1. Integration by Parts	Wed. 02/17	Wed. 02/24 **2:00 a.m.**
Feb. 22 Mon.	7.8. Improper Integrals	Fri. 02/19	Fri. 02/26 **2:00 a.m.**
Feb. 24 Wed.	**Review For Exam 1**		
Feb. 26 Fri.	11.1. Sequences	Wed. 02/24	Tue. 03/02 **2:00 a.m.**
Mar. 01 Mon.	11.2. Series	Fri. 02/26	Thurs. 03/04 **2:00 a.m.**
Mar. 03 Wed.	11.3. The Integral Test for p-series	Mon. 03/01	Mon. 03/08 **2:00 a.m.**
Mar. 05 Fri.	11.4. The Comparison Tests	Wed. 03/03	Tue. 03/09 **2:00 a.m.**
Mar. 08 Mon.	11.5. Alternating Series	Fri. 03/05	Thurs. 03/11 **2:00 a.m.**
Mar. 10 Wed.	11.6. Absolute Convergence and the		
	Ratio and Root Tests	Mon. 03/08	Mon. 03/15 **2:00 a.m.**
Mar. 12 Fri.	11.7. Strategy for Testing Series	Wed. 03/10	Wed. 03/17 **2:00 a.m.**
Mar. 15 Mon.	11.8. Power Series	Fri. 03/12	Fri. 03/19 **2:00 a.m.**
Mar. 17 Wed.	**Review For Exam 2**		
Mar. 19 Fri.	11.9. Representations of Functions as Power Series	Wed. 03/17	Tue. 03/23 **2:00 a.m.**
Mar. 22 Mon.	11.10. Taylor and MacLaurin Series	Fri. 03/19	Thurs. 03/25 **2:00 a.m.**
Mar. 24 Wed.	11.11. Applications of Taylor Polynomials	Mon. 03/22	Mon. 03/29 **2:00 a.m.**
Mar. 26 Fri.	Strategy For Power Series	Wed. 03/24	Tue. 03/30 **2:00 a.m.**
Mar. 29 Mon.	7.2. Trigonometric Integrals	Fri. 03/26	Thurs. 04/01 **2:00 a.m.**
Mar. 31 Wed.	7.3. Trigonometric Substitution	Mon. 03/29	Mon. 04/05 **2:00 a.m.**
Apr. 02 Fri.	Good Friday (No Class)		
Apr. 05 Mon.	7.4. Integration of Rational Functions by Partial		
	Fractions	Wed. 03/31	Thurs. Apr.08 **2:00 a.m.**
Apr. 07 Wed.	Partial Fractions/Rationalizing substitutions	Mon. 04/05	Mon. 04/12 **2:00 a.m.**
Apr. 09 Fri.	7.5. Strategy for Integration	Wed. 04/07	Wed. 04/14 **2:00 a.m.**
Apr. 12 Mon.	**Review For Exam 3**		
Apr. 14 Wed.	7.7. Approximate Integrals	Mon. 04/12	Mon. 04/19 **2:00 a.m.**
Apr. 16 Fri.	8.1. Arc Length	Wed. 04/14	Tue. 04/20 **2:00 a.m.**
Apr. 19 Mon.	9.2. Direction Fields and Euler's Method	Fri. 04/16	Mon. 04/26 **2:00 a.m.**
Apr. 21 Wed.	Mini Break (No Classes)		
Apr. 23 Fri.	9.3. Separable Equations	Mon. 04/19	Tue. 04/27 **2:00 a.m.**
Apr. 26 Mon.	9.5. Linear Equations	Fri. 04/23	Thurs. 04/29 **2:00 a.m.**
Apr. 28 Wed.	10.1. Curves Defined by Parametric Equations	Mon. 04/26	Mon. 05/03 **2:00 a.m.**
Apr. 30 Fri.	10.2. Calculus with Parametric Curves	Wed. 04/28	Wed. 05/04 **2:00 a.m.**
May 03 Mon.	**Review For Exam 4**		
May 05 Wed.	10.3. Polar Coordinates	Mon. 05/03	Mon. 05/10 **2:00 a.m.**
May 07 Fri.	10.4. Areas and Lengths in Polar Coordinates	Wed. 05/05	Tue. 05/11 **2:00 a.m.**
May 19 Wed.	Final Exam (1:45- 3:45 p.m.)		