Information for Online Homework   Math10560   Fall 2016 (hyperlinks are in blue)

Homework will be assigned and collected electronically. Students will not submit paper homework to their instructor. The address of the website to access online homework is http://www.webassign.net. You will find a Student Quick Start Guide on the Webassign help page.

REGISTRATION : The necessary steps for Registration are shown below:

- Step 1: Go to this Website (https://www.webassign.net/login.html) to login.

- Step 2: Click on I Have A Class Key at the bottom of the page.

- Step 3: Enter the appropriate class key from the table below.

Section Number	Instructor Name	Class Key
Section 01	Qing Han	nd 2840 7280
Section 02	Antonio Ache	nd 3391 8674
Section 03	Anand Pillay	nd 4360 1479
Section 04	Antonio Ache	nd 6495 0705

  Click on Submit. (If for some reason you switch sections later, remind your new instructor to have you switched to the new section on the system)

- You will be asked to choose whether you need to create a webassign account or whether you already have one.

- Step 4: If you already have a webassign account, **login with the same username and password that you used for your previous calculus class**. (Your institution is nd.) If you have already subscribed to a multiterm homework access code or book/EWA card bundle, the system should recognize this and you will automatically have access to the book and media files.

- Step 4′: Alternatively if you are a new user, you will be asked to fill out an Information Form. Choose your preferred username. Your institution code is nd. Choose a password and re-enter the password. (If you forget this, contact the WebAssign Support Center so that you can be given a new password immediately.) Enter you First Name and Last Name as they appear on your Notre Dame ID Card. Enter your Notre Dame e-mail adress. The student id number field is optional. I suggest you leave it blank. See the example below:

Preferred Username: newt

Institution Name: nd

Password: calciscool

Re-Enter Password : calciscool

First Name : Isaac

Last Name : Newton

E-mail Adress: inewton@nd.edu

Student ID Number :

Finally Click on Create My Account.

- Step 5: A Greeting Notice will be displayed on your Home Page telling you when the grace period (for usage without an access code). Choose `continue my trial period` and click on the `Continue` button at the bottom of the page.

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. 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.

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 and the first four homeworks are not due until September 7. (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 this date 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 600 points for the course, approximately 8.3% of your final grade.
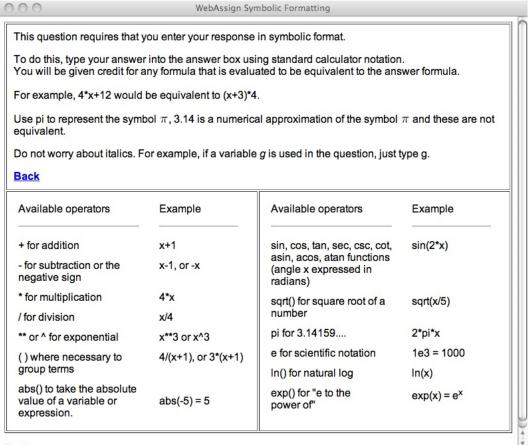
WORKING THROUGH AN ASSIGNMENT: For each homework question part, you are allowed 5 submissions for the answer unless it is a multiple choice question, in which case the number of submissions is one less than the number of answers. You can submit question parts individually. When you wish to make a sumission, 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.

HELP : 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 and from First Year of Studies.**

SYNTAX : 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.

This question requires that you enter your response in symbolic format.

To do this, type your answer into the answer box using standard calculator notation.
You will be given credit for any formula that is evaluated to be equivalent to the answer formula.

For example, 4*x+12 would be equivalent to (x+3)*4.

Use pi to represent the symbol π, 3.14 is a numerical approximation of the symbol π and these are not equivalent.

Do not worry about italics. For example, if a variable g is used in the question, just type g.

Back

Available operators	Example	Available operators	Example
+ for addition	x+1	sin, cos, tan, sec, csc, cot, asin, acos, atan functions (angle x expressed in radians)	sin(2*x)
- for subtraction or the negative sign	x-1, or -x		
* for multiplication	4*x	sqrt() for square root of a number	sqrt(x/5)
/ for division	x/4		
** or ^ for exponential	x**3 or x^3	pi for 3.14159....	2*pi*x
( ) where necessary to group terms	4/(x+1), or 3*(x+1)	e for scientific notation	1e3 = 1000
		ln() for natural log	ln(x)
abs() to take the absolute value of a variable or expression.	abs(-5) = 5	exp() for "e to the power of"	exp(x) = e^x

Back

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	4.00
		4&6	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

Homework Schedule   Math10560   Fall 2016

Class Date		Topic covered in class	HW Appears	HW Due
Aug 24	Wed.	6.1. Inverse Functions	Aug 24	Sept 5 **2:00 a.m.**
Aug 26	Fri.	6.2*. The Natural Logarithmic Function	Aug 24	Sept 5 **2:00 a.m.**
Aug 29	Mon.	6.3*. The Natural Exponential Function	Aug 26	Sept 5 **2:00 a.m.**
Aug 31	Wed.	6.4*. General Logarithmic and Exponential Function	Aug 29	Sept 5 **2:00 a.m.**
Sept 2	Fri.	6.5. Exponential Growth and Decay	Aug 31	Sept 6 **2:00 a.m.**
Sept 5	Mon.	6.6. Inverse Trigonometric Functions	Sept 2	Sept 8 **2:00 a.m.**
Sept 7	Wed.	6.8. Indeterminate Forms and L'Hospitals Rule	Sept 5	Sept 12 **2:00 a.m.**
Sept 9	Fri.	7.1. Integration by Parts	Sept 7	Sept 13 **2:00 a.m.**
Sept 12	Mon.	7.2. Trigonometric Integrals	Sept 9	Sept 15 **2:00 a.m.**
Sept 14	Wed.	7.3. Trigonometric Substitution	Sept 12	Sept 19 **2:00 a.m.**
Sept 16	Fri.	7.4. Integration of Rational Functions by Partial Fractions	Sept 14	Sept 21 **2:00 a.m.**
Sept 19	Mon.	**Review for Exam 1**		
Sept 21	Wed.	Return and discussion of Exam 1		
Sept 23	Fri..	Partial Fractions/Rationalizing substitutions	Sept 21	Sept 27 **2:00 a.m.**
Sept 26	Mon..	7.5. Strategy for Integration	Sept 23	Sept 29 **2:00 a.m.**
Sept 28	Wed.	7.7. Approximate Integrals	Sept 27	Oct 3 **2:00 a.m.**
Sept 30	Fri.	7.8. Improper Integrals	Sept 29	Oct 4 **2:00 a.m.**
Oct 3	Mon.	8.1. Arc Length	Sept 30	Oct 6 **2:00 a.m.**
Oct 5	Wed.	9.2. Direction Fields and Euler's Method	Oct 3	Oct 10 **2:00 a.m.**
Oct 7	Fri.	9.3. Separable Equations	Oct 5	Oct 11 **2:00 a.m.**
Oct 10	Mon.	9.5. Linear Equations	Oct 7	Oct 14 **2:00 a.m.**
Oct 12	Wed.	**Review for Exam 2**		
Oct 14	Fri.	Return and discussion of Exam 2		
		Fall Break		
Oct 24	Mon.	11.1. Sequences	Oct 21	Oct 27 **2:00 a.m.**
Oct 26	Wed.	11.2. Series	Oct 24	Oct 31 **2:00 a.m.**
Oct 28	Fri.	11.3. The Integral Test and Estimates of Sums	Oct 26	Nov 1 **2:00 a.m.**
Oct 31	Mon.	11.4. The Comparison Tests	Oct 28	Nov 3 **2:00 a.m.**
Nov 2	Wed.	11.5. Alternating Series	Oct 31	Nov 7 **2:00 a.m.**
Nov 4	Fri.	11.6. Absolute Convergence and the Ratio and Root Tests	Nov 2	Nov 8 **2:00 a.m.**
Nov 7	Mon.	11.7. Strategy for Testing Series	Nov 4	Nov 10 **2:00 a.m.**
Nov 9	Wed.	11.8. Power Series	Nov 7	Nov 14 **2:00 a.m.**
Nov 11	Fri.	11.9. Representations of Functions as Power Series	Nov 9	Nov 16 **2:00 a.m.**
Nov 14	Mon.	11.10. Taylor and Maclaurin Series	Nov 11	Nov 18 **2:00 a.m.**
Nov 16	Wed.	**Review For Exam 3**		
Nov 18	Fri.	Return and discussion of Exam 3		
Nov 21	Mon.	11.11. Applications of Taylor Polynomials	Nov 18	Nov 29 **2:00 a.m.**
		Thanksgiving		
Nov 28	Mon.	10.1. Curves Defined by Parametric Equations	Nov 25	Dec 1 **2:00 a.m.**
Nov 30	Wed.	10.2. Calculus with Parametric Curves	Nov 28	Dec 5 **2:00 a.m.**
Dec 2	Fri.	10.3. Polar Coordinates	Nov 30	Dec 6 **2:00 a.m.**
Dec 5	Mon.	10.4. Areas and Lengths in Polar Coordinates	Dec 2	Dec 8 **2:00 a.m.**