Math 152 – Calculus II

Problem Set Schedule

Instructor : Rudy Gunawan
Course : Math 152 - 1

Set	Chapters	Due Date	Points *	Notes
1	6.1 – 6.6	01/23/20	30	**MyLab Math** – due by 09:30AM
2	6.7 – 7.5	02/10/20	30	**MyLab Math** – due by 09:30AM
3	7.6 – 8.4	02/25/20	30	**MyLab Math** – due by 09:30AM
4	8.5 – 8.9, D1.1	03/11/20	30	**MyLab Math** – due by 09:30AM
5	D1.2 – D1.5	03/19/20	30	**MyLab Math** – due by 09:30AM

* For my grade book, the raw score for each online assignment will be converted to the 0 to 30 scale. For example : If you score 39 out of 42 on a MyLab Math problem set, on the grade book it will be recorded as 28 of 30. Here is why : $39/42 \times 30 \approx 27.9$, rounded to 28.

** Each problem set is made up of approximately 40 problems with different point values. For each one, you are allowed up to five submissions, subject to availability. The last submission is used for scoring the answer.

General Information

- The sections of the chapters covered in these problem sets are the same selections shown in the schedule in your syllabus. For example: For chapter 6, only the first six of the seven sections are part of the chapter for exam 1, the rest will be part of exam 2.
- MyLab Math info for new user :
  - Go to https://www.pearsonmylabandmastering.com/northamerica/.
  - On this page, you will find links to features, support, and frequently asked questions.
  - Also on this page, you will find video on how to register, and on helpful hints & tips.
  - Your Course ID for this course is : **gunawan71574**.
  - Enroll in MyLab Math to begin using it.

- There is no such a thing as a perfectly reliable software, computer or online connection. Please understand that your instructor does not fix equipment or connection problem. Give yourself plenty of lead time and get the assignment done long before the due date. If you prefer to do your online work on campus, our Mathematics Learning Center has computer stations for your use.
- The online problem sets are supplementary to, not replacements of the textbook exercises. It certainly is not considered adequate preparation for an exam to do just its online problem set, made of only a small number of problems. You are expected and encouraged to, at least, attempt and complete the odd numbered exercises in the text.
- Whether it is online or with paper and pencil, do a problem set only after you had done enough practice on the general exercises. Make yourself familiar not just with the content, but also with the format that answers should be written, typed in or drawn. Don't forget to use units when appropriate.

Note:

Again, each of the online problem sets represents a small fraction of the textbook exercises for the corresponding chapters and sections. Done properly, it will help you accumulate points and boost your course grade, but it is far from enough for gaining deeper conceptual understanding and skill building. After all, it is made of just a few problems and therefore, a limited variety of them.

For most of them, you do get multiple chances and examples or guidance. The instant feedback is also a nice feature. Just be very clear that your daily and main assignment, although not collected, is still the odd numbered exercises in the text. Answers are usually available in the back of your textbook. It will also be to your advantage to come to class having read the section that will be covered that day.

Question : What fraction of the related book exercises is the first online problem set?

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MATH& 152: Calculus II

COURSE LEARNING OUTCOMES (CLOs)

Students will be able to:

1. Find areas of plane regions, surface areas, and arc lengths.
2. Find volumes of surfaces of revolution using the disk, washer, and shell methods.
3. Find derivatives and integrals for logarithmic and exponential functions and for the inverse trigonometric functions.
4. Demonstrate ability to integrate more complicated functions using standard methods of integration, including integration by parts, trigonometric substitutions, partial fractions, and tables.
5. Solve basic differential equations namely, separable and linear differential equations.
6. Judge the reasonableness of a solution or answer and justify all processes used.

Note : Community Colleges of Spokane will grant reasonable accommodation so that grades are not impacted for students who are absent for reasons of faith or conscience, or for an organized activity conducted under the auspices of a religious denomination, church, or religious organization. Such absences must be requested in writing on the Class Absence Request form within two weeks of course start. There are no additional fees associated with this request. https://sfcc.spokane.edu/About-Us/Public-Disclosures#RuleMaking