

COURSE: MATH 181 -- CALCULUS I

TEXT: Dick & Patton

CALCULATOR: You are **required** to have an HP-48G or HP-49G series calculator  
The HP-49G+ is strongly recommended.

INSTRUCTOR: Dr. Merv Newton

OFFICE: AC-131

OFFICE HOURS: M 9:00 - 9:55, 11:00 - 11:55, and 1 - 1:55

T 9:00 - 9:55 and 2:00 - 2:55

W 9:00 - 11:55 and 1 - 1:55 A.M.

Th 2:00 -2:55

F 9:00 - 9:55, 11:00 - 11:55, and 1 - 1:55

Or by appointment

PHONE: O - 724-589-2035

H - 724-588-8807

GRADING:

HOMEWORK.....10%

TEST 1 (Sept 30 Chaps 0-2).....20%

TEST 2 (Oct 25 Chap 3\*).....30%

TEST 3 (Nov 18 Chap 4 & 5).....20%

TEST 4 (Dec 12 1:00 Chap 6).....20%

\* This is a non-calculator test and it must be passed with at least 70% to pass the course. If you fail it the first time you may retake it once a week until you pass it or until the end of the term. If you do not pass the test the first time, the grade that will be recorded when you do pass will be 70.

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It is the policy of Thiel College and its educational programs not to discriminate against qualified students with documented disabilities. Students desiring accommodation for a disability are responsible for providing evidence from a qualified professional confirming the disability and identifying appropriate interventions. This evidence should be taken to the Office for Special Needs AC-126 as early as possible in the semester. The Coordinator of the Office of SpecialNeeds will develop a letter of accommodation to be sent to course instructors and other appropriate offices.

If documentation is already on file, the students with disabilities are responsible for visiting the Office for Special Needs to set up accommodations for EACH semester. They are also responsible for talking to their professors about their needs as early as possible for EACH semester.

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ATTENDANCE: You are expected to attend every class. If you must miss a test day for **UNAVOIDABLE** reasons, and you know about it ahead of time. The departmental attendance policy allows you four free cuts. After that, cuts will be penalized 1 point for the 5<sup>th</sup>, 2 point for the 6<sup>th</sup>, 3 points for the 7<sup>th</sup>, etc.

HOMEWORK consists of reading assignments and written assignments as indicated on the schedule below. Reading assignments such as 3.2 refer to section 3.2 of the text. Reading assignments such as Lesson 3 refer to the on line calculator lessons that can be found at

<http://www.thiel.edu/Academics/math/UsflLnk/CalculatorLessons/Default.htm>

During the period when a reading assignment is due, students will be selected at random to answer questions about the reading. Your response will be part of your homework grade. Written assignments are due at the beginning of the class on the date indicated.

DATE	READ SECTION	PROBLEMS
8/29	0.1	
8/30	0.2 <a href="#">Lesson 1</a>	
9/1	0.3	Page 7 :: 6, 8, 10, 14, 18
9/2	0.4 <a href="#">Lesson 2</a>	
9/5	0.5 <a href="#">Lesson 3</a>	Page 12 :: 10, 12,14, 18 Page 20 :: 2, 10, 16, 18, 38, 40
9/6	1.1	
9/8	1.2 <a href="#">Lesson 4</a>	Page 33 :: 2, 4, 6, 28, 30 Page 44 :: 8, 14, 18, 32, 40
9/9	1.3	
9/12	1.4 <a href="#">Lesson 5</a>	Page 57 :: 1, 2, 3, 8, 19, 20, 24, 31-35 Page 65 :: 10, 12, 25, 26, 30, 32
9/13	1.5	
9/15	2.1	Page 72 :: 1-4, 6, 9-14 Page 81 :: 2, 7-12, 16, 18, 28, 41-47

DATE	READ SECTION	PROBLEMS
9/16	2,2	
9/19	2.3	Page 91 :: 2, 4, 5, 6, 9-11, 22, 24, 41-44 Page 109 :: 2, 4, 6, 22, 24, 26, 28, 34, 35
9/20	2.4 Lesson 6	
9/23	2.5	Page 115 :: 2, 8, 10, 12, 16, 20, 24 Page 124 :: 2, 6, 8, 10, 18, 20, 22, 26
9/26	2.6	Page 136 :: 2, 8, 10, 12, 14, 20
9/27	3.1	
9/29		Page 146 :: 2, 6, 14, 16, 18, 20, 31,32(2,6,14 only)
9/30	Test 1	
10/3	3.2	Page 164 :: 9-15
10/4	3.3	
10/6	3.4	Page 176 :: 2, 4, 8, 10, 14, 22, 24, 32, 42, 44, 48 NOTE: The floor and ceiling functions can be found on the calculator at LS MTH F5-REAL NXT NXT.
10/10	3.5	Page 192 :: 2, 4, 6, 20, 24, 32, 41, 42.
10/13	3.6	Page 202 :: 2, 4, 6, 23, 24, 28, 29, 30, 32, 34 Page 215 :: 1-6, 16, 18, 19, 20, 22, 24, 25, 26, 27
10/14	3.7	
10/20		Page 228 :: 2, 8, 10, 12, 18, 24, 26, 28, 38, 39, 40
10/21	4.1	
10/24		Page 236 :: 2, 8, 10, 32, 36, 48, 58, 70
10/25	Test 2	

DATE	READ SECTION	PROBLEMS
10/27	4.2 Lesson 7	
10/28	4.3 Lesson 8	
10/31	Lesson 9	Page 246 :: 2, 8, 12, 14, 18, 22 Page 256 :: 2, 4, 6, 8, 18
11/1	4.4	
11/3	4.5	Page 265 :: 2, 4, 6, 18
11/4	4.6	
11/7	5.1	Page 272 :: 6, 10, 12, 14, 16, 18, 22, 24 Page 280 :: 2, 4, 10, 12, 14, 20
11/8	5.2	
11/10	5.3	Page 286 :: 2, 4, 8, 18, 30 Page 308 :: 2, 3, 4, 6, 10
11/11	5.4	
11/14	5.5 Lesson 10	Page 325 :: 30, 32, 34, 36, 38-42, 44, 48 Page 339 :: 2, 8, 12, 16, 22, 32, 34, 40, 46
11/17		Page 347 :: 6, 8, 10, 14, 19-22 Page 358 :: 2, 4, 8, 12, 26
11/18	Test 3	
11/21	6.1 Lesson 11	
11/22	6.2	
11/28	6.3 Lesson 12	Page 372 :: 4, 22, 26, 28, 38, 42
11/29	6.4	

DATE	READ SECTION	PROBLEMS
12/1	6.5 <a href="#">Lesson 13</a>	Page 391 :: 2, 6, 10, 14, 16-20 Page 401 :: 6, 8, 14, 20
12/2	6.6 <a href="#">Lesson 14</a>	
12/5	6.7	Page 412 :: 2-20 even Page 425 :: 4, 8, 14, 16 (Show your work for 14 and 16.)
12/8		Page 438 :: 10, 15 Page 453 :: 4, 8, 10, 12, 24, 28, 44, 48, 50
12/12	<a href="#">Test 4 (1:00-3:00)</a>	
Go To:	<a href="#">Course Calendar</a>	<a href="#">Dr. Newton's home page</a>