

---

**Course Information**

---

<b>Course:</b>	MATH - 171 - 09 Calculus A
<b>Professor:</b>	Deana B. Olles
<b>Teaching Assistant:</b>	Matt Howell
<b>Day &amp; Time:</b>	MW 2:00 - 3:50 PM F 2:00 - 2:50 PM
<b>Location:</b>	MF (GOL)-2455 W (BRN)-1120
<b>Description:</b>	This is the first course in a three-course sequence (MATH-171, -172, -173). This course includes a study of functions, continuity, and differentiability. The study of functions includes the definition, representations, and the trigonometric functions. Limits of functions are used to study continuity and differentiability. The study of limits includes the definition, the basic rules including the chain rule and implicit differentiation. Applications of the derivative include problems in related rates and curve sketching.
<b>Prerequisite:</b>	C or better in MATH-111 or at least three years of high school mathematics and a score of at least 55

---

**Contact Information**

---

<b>Office:</b>	GOS (08) - 3252
<b>Office Hours:</b>	MWF 1:00-1:50PM F 11:00-11:50AM or by appointment
<b>Phone:</b>	(585) 475 - 4278
<b>Email:</b>	dbcsma@rit.edu

---

**Course Materials**

---

<b>Textbook:</b>	James Stewart, <i>Single Variable Calculus: Early Transcendentals</i> , 7th Edition.
<b>MyCourses:</b>	<a href="http://mycourses.rit.edu">http://mycourses.rit.edu</a>
<b>Website:</b>	<a href="http://people.rit.edu/dbcsma">http://people.rit.edu/dbcsma</a>

---

### Grading

---

<b>Workshops:</b>	100 points (4 points each)
<b>Quizzes:</b>	200 points (20 points each)
<b>Exams:</b>	400 points (100 points each)
<b>Final Exam:</b>	250 points

---

### Grading Scale

---

883 - 950 points	A (93 - 100 %)
855 - 882 points	A- (90 - 92 %)
826 - 854 points	B+ (87 - 89 %)
788 - 825 points	B (83 - 86 %)
760 - 787 points	B- (80 - 82 %)
731 - 759 points	C+ (77 - 79 %)
693 - 730 points	C (73 - 76 %)
665 - 692 points	C- (70 - 72 %)
570 - 664 points	D (60 - 69 %)
0 - 569 points	F (0 - 59 %)

## Policies and Procedures

---

- Attendance:** To be eligible for a letter grade of A or B, a student may have no more than 3 unexcused absences from lecture, and no more than 3 unexcused absences from workshop. Each late counts as 1/2 an absence. All absences must be excused AHEAD OF TIME. The only exceptions to the attendance rule are for emergencies or scheduled participation in intercollegiate activities. Students are responsible for any missed notes or assignments. Your attendance will be regularly recorded in mycourses.
- Calculators:** No calculators will be allowed on in class exams or quizzes, so I encourage all to try to accomplish as many assignments without their calculators as it will help prepare them better for exams!
- Homework:** Homework will be assigned regularly but not collected for a grade. It is your responsibility to practice as much as you need to fully grasp the material in the course. Questions from the homework will show up on your quizzes and exams. I will allot 5-10 minutes at the beginning of every class to going over homework problems you struggled with the most.
- Quizzes:** There will be 11 homework quizzes throughout the semester. These quizzes will be based on homework questions you must do on your own time. One quiz grade will be dropped at the end of the semester. I will not drop a quiz for which a student is absent! Make-ups will be given only in the event that you have been excused from class ahead of time and a maximum of one make-up quiz per student is permitted.
- Workshops:** There will be two workshop hours every week where students will work in groups of 4 or 5. Together, you will complete a series of problems related to the area of discussion for that week. Each student must complete their own workshop. ATTENDANCE AT ALL WORKSHOPS IS REQUIRED!! Students may only make up workshops if they have been excused from class ahead of time.

<b>Exams:</b>	There will be four in class examinations. There will be no make up exams given, unless you have been excused previously. I will allow no more than one make up exam per quarter. This is of course unless the circumstances are serious enough to allow for it. The final exam is mandatory in this course!
<b>Academic Honesty:</b>	Honesty is extremely important, so cheating will not be tolerated. For the first offense, the student will receive a zero without any chances of retaking. The second offense will result in failure of the course.
<b>Conduct:</b>	No cell phones (or any other communication devices) are allowed in class. Turn them off before you enter the room, do not turn them on silent or vibrate. If a cell phone rings, I reserve the right to take action. This is extremely disruptive to the class.
<b>Academic Accommodations:</b>	There are several resources available to students to help them succeed in the classroom. If you are a student in need of extended test time, you should make your professors aware of this with the appropriate documentation from the Academic Accommodations Office. It is your responsibility to deliver all testing envelopes to the professor well in advance of any upcoming exams.
<b>Academic Support Center:</b>	Any student who feels they are falling behind in the course can take advantage of our Support Center and private mathematics tutoring. This is a free service and is located in the SAU Second Floor (above the coffee shop). See me for more information if you would like to take advantage of this opportunity.
<b>Bates Study Center:</b>	Located on the first floor of Gosnell, the Bates Center is a place where students can get tutoring from the Teaching Assistants, Graduate Students and sometimes professors in their Math courses. The tutors hours are posted outside the doors of the center. The Bates Study Center is now where students can also find tutors from the Academic Support Center during the hours of 9:00 am to 6:00 pm.
<b>Website and Mycourses:</b>	The website is where you will find all course content such as solutions to quizzes and workshops and a copy of the syllabus. Mycourses is used to track grades and attendance only.

### Course Schedule

	<b>Monday</b>	<b>Wednesday</b>	<b>Friday</b>
<b>Week 1</b>	1.1 Workshop 1	1.2 Workshop 2	1.3 Quiz 1
<b>Week 2</b>	No Class	Trig Review Workshop 3	Trig Review Quiz 2
<b>Week 3</b>	1.5, 1.6 Workshop 4	1.5, 1.6 Workshop 5	2.1
<b>Week 4</b>	Exam 1	2.2 Workshop 6	2.3 Quiz 3
<b>Week 5</b>	2.3 Workshop 7	2.4 Workshop 8	2.5 Quiz 4
<b>Week 6</b>	2.6 Workshop 9	2.6 Workshop 10	2.7 Quiz 5
<b>Week 7</b>	2.8 Workshop 11	Exam 2	3.1
<b>Week 8</b>	Class Tuesday! 3.2 Workshop 12	3.3  Workshop 13	3.4  Quiz 6
<b>Week 9</b>	3.4 Workshop 14	3.5 Workshop 15	3.5 Quiz 7
<b>Week 10</b>	3.6 Workshop 16	3.7 Workshop 17	3.8 Quiz 8
<b>Week 11</b>	3.9 Workshop 18	3.9 Workshop 19	3.10
<b>Week 12</b>	Exam 3	4.1 Workshop 20	4.1 Quiz 9
<b>Week 13</b>	4.2 Workshop 21	4.3 Workshop 22	4.4 Quiz 10
<b>Week 14</b>	4.5 Workshop 23	No Class	No Class
<b>Week 15</b>	Exam 4	3.11 Workshop 24	Quiz 11
<b>Week 16</b>	Review Workshop 25	Review	No Class
<b>Week 17</b>	Final Exam		