

## **MATH 2144: Calculus I, Section 007**

### **Syllabus**

*Welcome to Calculus II!*

*I am excited to be your instructor this semester, and I hope that you are ready to get started. Look for italicized portions of the syllabus throughout for comments from yours truly. If you have any questions, please feel free to either email me or talk to me before class, in class, after class, or during office/MLSC hours.*

*Sincerely,  
Nina*

#### **Instructor Contact Information**

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Instructor: Nina Williams

Email: [nina.l.williams@okstate.edu](mailto:nina.l.williams@okstate.edu) *(This is absolutely the best way to contact me outside of office hours. Please include **Math 2144.007** in the subject line of any emails that you send to me. Emails with this phrase are organized in a folder specific to your section in my inbox. Exclusion of the phrase will delay reply time and may result in no response at all.)*

Office: MSCS 418

Office Phone: (405) 744-9316 *(Do not use this number. There is no physical phone in my office to answer a call.)*

Office Hours: Mondays 1:30 PM – 2:30 PM, Thursdays 11:30 AM – 12:30 PM

Hours in the MLSC: Tuesdays 11:30 AM – 12:30 PM, Wednesdays 5:00 PM – 6:00 PM *(Tutoring Room 2 and West Tutoring Room)*

#### **Class & Resource Information**

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Class Meeting: MWF 2:30 PM – 3:45 PM

Class Location: MSCS 514

D2L (Online Classroom): <https://oc.okstate.edu/> (Chrome, Firefox, or Safari work best)

**Prerequisites:** A satisfactory score (**minimum 75**) on the ALEKS placement exam, or a grade of C or better in a college-level course in Trigonometry or Pre-Calculus

**Required Materials:** (1) Textbook: *Calculus: Early Transcendentals*, 3<sup>rd</sup> edition, by Jon Rogawski, and

(2) Online homework system WebAssign (<http://www.webassign.net/login.html>)

- For Section 007 use WebAssign Class Key: okstate 2436 2528.

**The Mathematics Learning Success Center (MLSC):** Data suggests that students who consistently use the MLSC for tutoring 2 to 3 times a week tend to increase their grade by about 10%! The MLSC is on the 5<sup>th</sup> floor of the Edmon Low Library with Calculus 1 tutoring in the West Tutoring Room. Hours for Calculus I tutoring are:

- Monday through Thursday from 9:00 AM until 9:00 PM,
- Friday from 9:00 AM until 5:00 PM, and
- Sunday from 1:00 PM until 9:00 PM.

**Online Tutoring:** Students who commute to Stillwater are eligible to participate in online tutoring sponsored by the MLSC. The sessions will take place on Tuesday and Thursday evenings from 5:00-8:00pm. Tutoring is free, but you need to email Dr. Mills at [memills@math.okstate.edu](mailto:memills@math.okstate.edu) to sign up and receive the login information. Please write "Sign up for Online Tutoring" in the subject line of your email.

**Calculators:** TI 83 and 84 models are permitted for all exams. A TI 89, Nspire, a calculator with a computer algebra system, any technology with wireless or Internet capability (i.e. laptops, tablets, smart phones or watches), a QWERTY keyboard, or a camera are **NOT ALLOWED** for exams. If you do not own an allowable calculator, you may borrow a calculator for the semester from the Math Department office without charge. Graphing calculators can be a valuable tool, but they are not a substitute for your own conceptual understanding.

### Course Information

Calculus deals with functions that relate two varying quantities and the rules that govern the rates at which one of these quantities changes or accumulates with respect to the other. Understanding calculus enables us to solve many problems in mathematics, science, and engineering. Our aim in this course is to ensure that you understand the concepts and tools of calculus, that you master the skills required to use those tools, and that you will be able to apply those ideas to solve problems in many disciplines.

**Expectations:** All students are expected to be active participants in class by asking and answering questions. During class, the use of cellphones, tablets, and laptops is prohibited unless otherwise allowed by your instructor. *(Limit the use of cellphones to emergencies and checking the time only. You may use a laptop or tablet to take notes. I reserve the right to revoke these privileges.)* Plan to spend, on average, eight hours each week outside of class on MATH 2144. This includes reading the text, working on problems, discussing questions with others, and making use of office hours and the MLSC. Should you miss class, you are responsible for obtaining any handouts and finding out about any announcements or assignments you may have missed. For example, arrange to borrow a classmate's notes to review what was covered in class.

**Missing Work Policy:** Reasonable accommodation will be offered in the event that you miss a major assessment activity for a valid and documented reason, **assuming documentation is provided in advance** unless absolutely impossible. For a quiz or exam, you need to tell your instructor as soon as you know there is a conflict or you will be ineligible for a make-up. If you cannot make it to class when a written assignment is due you should turn it in early or get a classmate to turn it in for you.

**Syllabus Attachment:** Please read the OSU syllabus attachment on the web from the page: <http://academicaffairs.okstate.edu/content/resources-faculty-staff> and follow the link under Syllabus Attachment for Spring 2016. This has a lot of important information, including instructions about disability accommodations. Please contact me privately during the first week of the course if you need accommodations as the result of a disability. Any changes to this syllabus will be announced in class and posted on D2L.

### Grades:

There are two schemes; for each student the one that results in the higher grade will automatically be used:

	Scheme A	Scheme B
Exams 1-3	15% each	10% each
Final Exam	25%	40%
Homework: WebAssign	15%	15%
Labs & Quizzes	15%	15%

### **Determination of Grades**

$90\% \leq A \leq 100\%$

$80\% \leq B < 90\%$

$70\% \leq C < 80\%$

$60\% \leq D < 70\%$

$0\% \leq F < 60\%$

### Homework: To learn Calculus you must practice!

You will have (at least two) **WebAssign** assignments due (most likely at different times) throughout the week. Pay attention to the WebAssign calendar for exact due dates. For most problems you will have 3 chances to answer without any reduction in score, and then two additional chances with a reduction of 20% each time. Keep a homework notebook where you work out the WebAssign problems and/or print the assignments problems and keep them in a binder. **Your lowest two WebAssign assignments will dropped at the end of the semester.** (This excludes the Pre-Calculus quiz which will be recorded as part of your WebAssign grade.)

### Labs & Quizzes:

Approximately once per week, we will work in small groups on labs that develop the central concepts in the course. Attendance and participation is especially crucial on these days. On occasion you may turn in individual write-ups



or group write-ups of these class activities and make presentations of your work to the other groups in the class. Most often, your performance on labs will be evaluated during an in-class quiz. Quizzes will typically be announced and occur a few days after the lab day. No makeup write-ups/quizzes will be given since your lowest two grades in this category will also be automatically dropped.

### **Exams:**

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There will be three one-hour exams in the evenings, and a comprehensive Final Exam.

**Exam 1:** Wednesday, February 10<sup>th</sup> from 5:30 to 6:30 PM

**Exam 2:** Thursday, March 10<sup>th</sup> from 5:30 to 6:30 PM

**Exam 3:** Thursday, April 21<sup>st</sup> from 5:30 to 6:30 PM

**Final Exam:** Thursday, May 5<sup>th</sup> from Noon to 1:50 PM

All of your exams will be in AGH 275. You are permitted an allowed calculator and a 3×5 note card.

### **Academic Integrity & Drops**

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**Academic Integrity:** Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct. Please see the OSU Spring 2016 Syllabus Attachment for more information. You are encouraged to work and study together, however **all written and online work you hand in must be your own**. Copying someone else's solutions, letting others copy your work is prohibited. Do not cheat. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript (F!), and being suspended from the University.

**Drops and Parachutes:** The last day to drop a class without a W is Tuesday, January 19<sup>th</sup>. Within two weeks of the start of classes Dr. Francisco may be able to parachute students to College Algebra, Trigonometry or Pre-Calculus without any grade penalty. Talk with your instructor immediately if you would be more comfortable in one of these classes.