

# Course Syllabus



## COURSE INFORMATION

- Calculus I
- Fall/2018
- Math 1710.620, 3 credit hours
- Office hours Wed-Th 11-1pm

## Instructor Contact Information






- Bunyamin Sari, Associate professor of Mathematics
- GAB 414
- Email: [bunyamin.sari@unt.edu](mailto:bunyamin.sari@unt.edu) (<mailto:bunyamin.sari@unt.edu>)












## Grading

- Weekly homework assignments: Total 10 points
- 3 Midterm exams  $3 \times 20 = 60$  points
- In class quiz/worksheets 10 points total
- Final exam 20 points

No make up tests for midterms and quizzes.

## Course Summary:

Date	Details	
Tue Aug 28, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117239">Reading assignment: Practice problems on Real numbers</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117239">https://unt.instructure.com/courses/5676/assignments/117239</a> )	due by 11:59pm
Wed Aug 29, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/112889">Reading assignment: The real numbers</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/112889">https://unt.instructure.com/courses/5676/assignments/112889</a> )	due by 11:59pm
Thu Aug 30, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117245">Reading assignment: Functions</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117245">https://unt.instructure.com/courses/5676/assignments/117245</a> )	due by 11:59pm
Mon Sep 3, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/119634">HW1 Real numbers and functions</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/119634">https://unt.instructure.com/courses/5676/assignments/119634</a> )	due by 11:59pm
	 <a href="https://unt.instructure.com/courses/5676/assignments/117250">Reading assignment: The limit concept</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117250">https://unt.instructure.com/courses/5676/assignments/117250</a> )	due by 11:59pm

Date	Details	
Wed Sep 5, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117261">Reading assignment: Continuity</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117261">https://unt.instructure.com/courses/5676/assignments/117261</a> )	due by 11:59pm
	 <a href="https://unt.instructure.com/courses/5676/assignments/120803">Worksheet 1</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/120803">https://unt.instructure.com/courses/5676/assignments/120803</a> )	due by 11:59pm
Mon Sep 10, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117264">Reading assignment: The derivative concept</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117264">https://unt.instructure.com/courses/5676/assignments/117264</a> )	due by 11:59pm
	 <a href="https://unt.instructure.com/courses/5676/assignments/122674">HW2 Limits</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/122674">https://unt.instructure.com/courses/5676/assignments/122674</a> )	due by 11:59pm
Wed Sep 12, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117265">Reading assignment: Differentiation rules and derivative calculations</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117265">https://unt.instructure.com/courses/5676/assignments/117265</a> )	due by 11:59pm
Mon Sep 17, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117300">Reading assignment: The chain rule, implicit differentiation, and related rates</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117300">https://unt.instructure.com/courses/5676/assignments/117300</a> )	due by 11:59pm
Wed Sep 19, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117304">RA: Linearization and differentials</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117304">https://unt.instructure.com/courses/5676/assignments/117304</a> )	due by 11:59pm
Mon Sep 24, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117315">RA: Max-Min and Mean value theorem</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117315">https://unt.instructure.com/courses/5676/assignments/117315</a> )	due by 11:59pm
Wed Sep 26, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117317">RA: Graphing</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117317">https://unt.instructure.com/courses/5676/assignments/117317</a> )	due by 11:59pm
Mon Oct 1, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117318">RA: Optimization and Newton's method</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117318">https://unt.instructure.com/courses/5676/assignments/117318</a> )	due by 11:59pm
Thu Oct 4, 2018	 <a href="https://unt.instructure.com/courses/5676/assignments/117320">Midterm exam 1</a> ( <a href="https://unt.instructure.com/courses/5676/assignments/117320">https://unt.instructure.com/courses/5676/assignments/117320</a> )	due by 11:59pm

**Date****Details**


---

 **RA: Antiderivatives** (<https://unt.instructure.com/courses/5676/assignments/119168>)

---

 **RA: Areas Between Curves**  
(<https://unt.instructure.com/courses/5676/assignments/119174>)


---

 **RA: Fundamental theorem of Calculus**  
(<https://unt.instructure.com/courses/5676/assignments/119170>)


---

 **RA: Indefinite integrals**  
(<https://unt.instructure.com/courses/5676/assignments/119171>)

---

 **RA: Physical applications of integral**  
(<https://unt.instructure.com/courses/5676/assignments/119177>)

---

 **RA: Riemann sums and definite integral**  
(<https://unt.instructure.com/courses/5676/assignments/119169>)

---

 **RA: The arc length** (<https://unt.instructure.com/courses/5676/assignments/119178>)

---

 **RA: The substitution rule**  
(<https://unt.instructure.com/courses/5676/assignments/119172>)

---

 **RA: The surface area**  
(<https://unt.instructure.com/courses/5676/assignments/119179>)

---

 **RA: Volumes** (<https://unt.instructure.com/courses/5676/assignments/119175>)

---

 **RA: Volumes by shells**  
(<https://unt.instructure.com/courses/5676/assignments/119176>)

---