

Course Syllabus



1720 Calculus II (TAMS)

Instructor: Bunyamin Sari

bunyamin@unt.edu (Please use Math 1720 in subject line in emails)

Office: GAB 414

Office hours: WF 2-4pm or by appointment








Lectures: Curry 210 MWF 10:00 PM 10:50 PM
















Grading















- Weekly homework assignments: Total 10 points
- 2 Midterm exams 2x20=40 points
- In class quiz/worksheets 20 points total
- Final exam 30 points











No make up tests for midterms and quizzes.

Course Summary:

Date	Details	
Mon Jan 14, 2019	 5.4 Work (https://unt.instructure.com/calendar?event_id=33379&include_contexts=course_8462)	12am
Wed Jan 16, 2019	 6.1 Inverse functions (https://unt.instructure.com/calendar?event_id=33380&include_contexts=course_8462)	12am
Fri Jan 18, 2019	 6.2 Natural log (https://unt.instructure.com/calendar?event_id=33381&include_contexts=course_8462)	12am
Mon Jan 21, 2019	 HW1 Work-Inverse functions-Natural log (https://unt.instructure.com/courses/8462/assignments/217035)	due by 11:59pm
Wed Jan 23, 2019	 6.3 and 6.4 Exponential functions (https://unt.instructure.com/calendar?event_id=33382&include_contexts=course_8462)	12am
Fri Jan 25, 2019	 Worksheet 1 (https://unt.instructure.com/calendar?event_id=33383&include_contexts=course_8462)	12am
Sun Jan 27, 2019	 HW2 Exponentials and logarithms (https://unt.instructure.com/courses/8462/assignments/217080)	due by 11:59pm

Date	Details	
Mon Jan 28, 2019	 6.6 Inverse trig functions (https://unt.instructure.com/calendar?event_id=33384&include_contexts=course_8462)	12am
Wed Jan 30, 2019	 6.7 Hyperbolic functions (https://unt.instructure.com/calendar?event_id=33385&include_contexts=course_8462)	12am
Fri Feb 1, 2019	 Worksheet 2 (https://unt.instructure.com/calendar?event_id=33386&include_contexts=course_8462)	12am
Sun Feb 3, 2019	 HW3 Inverse trig and hyperbolic functions (https://unt.instructure.com/courses/8462/assignments/217134)	due by 11:59pm
Mon Feb 4, 2019	 7.1 Integration by parts (https://unt.instructure.com/calendar?event_id=33387&include_contexts=course_8462)	12am
Wed Feb 6, 2019	 7.2 Trig integrals (https://unt.instructure.com/calendar?event_id=33388&include_contexts=course_8462)	12am
Fri Feb 8, 2019	 Worksheet 3 (https://unt.instructure.com/calendar?event_id=33389&include_contexts=course_8462)	12am
Sun Feb 10, 2019	 HW4 Integration by parts, trig integrals (https://unt.instructure.com/courses/8462/assignments/217175)	due by 11:59pm
Mon Feb 11, 2019	 7.3 Trig substitutions (https://unt.instructure.com/calendar?event_id=33390&include_contexts=course_8462)	12am
Wed Feb 13, 2019	 7.4 Partial fractions (https://unt.instructure.com/calendar?event_id=33391&include_contexts=course_8462)	12am
Fri Feb 15, 2019	 Worksheet 4 (https://unt.instructure.com/calendar?event_id=33392&include_contexts=course_8462)	12am
Sun Feb 17, 2019	 HW5 Trig substitution and partial fractions (https://unt.instructure.com/courses/8462/assignments/217196)	due by 11:59pm
Mon Feb 18, 2019	 7.7 Approx integration (https://unt.instructure.com/calendar?event_id=33393&include_contexts=course_8462)	12am
Wed Feb 20, 2019	 7.8 Improper integrals (https://unt.instructure.com/calendar?event_id=33394&include_contexts=course_8462)	12am
Fri Feb 22, 2019	 Worksheet 5 (https://unt.instructure.com/calendar?event_id=33395&include_contexts=course_8462)	12am

Date	Details	
Sun Feb 24, 2019	 HW6 Approximate integrals and Improper integrals (https://unt.instructure.com/courses/8462/assignments/217225)	due by 11:59pm
Mon Feb 25, 2019	 10.1 Parametric curves	12am
Wed Feb 27, 2019	 10.2 Parametric equations	12am
Fri Mar 1, 2019	 10.3 Polar coordinates	12am
Mon Mar 4, 2019	 10.4 Areas and lengths by polar	12am
Wed Mar 6, 2019	 Midterm review	12am
Fri Mar 8, 2019	 Midterm exam 1	12am
Mon Mar 18, 2019	 11.1 Sequences	12am
Wed Mar 20, 2019	 11.2 Series	12am
Fri Mar 22, 2019	 Worksheet 6	12am
Mon Mar 25, 2019	 11.3 Integral test	12am
Wed Mar 27, 2019	 11.4 Comparison tests	12am
Fri Mar 29, 2019	 Worksheet 7	12am
Mon Apr 1, 2019	 11.5 Alternating series	12am

Date	Details	
Wed Apr 3, 2019	 11.6 Absolute conv. ratio and root tests (https://unt.instructure.com/calendar?event_id=33417&include_contexts=course_8462)	12am
Fri Apr 5, 2019	 Worksheet 8 (https://unt.instructure.com/calendar?event_id=33418&include_contexts=course_8462)	12am
Mon Apr 8, 2019	 11.8 Power series (https://unt.instructure.com/calendar?event_id=33419&include_contexts=course_8462)	12am
Wed Apr 10, 2019	 11.10 Taylor series (https://unt.instructure.com/calendar?event_id=33420&include_contexts=course_8462)	12am
Fri Apr 12, 2019	 Worksheet 9 (https://unt.instructure.com/calendar?event_id=33421&include_contexts=course_8462)	12am
Mon Apr 15, 2019	 11.11 Taylor polynomials (https://unt.instructure.com/calendar?event_id=33422&include_contexts=course_8462)	12am
Wed Apr 17, 2019	 11.11 Taylor polynomials (https://unt.instructure.com/calendar?event_id=33423&include_contexts=course_8462)	12am
Mon Apr 22, 2019	 Midterm 2 review (https://unt.instructure.com/calendar?event_id=33424&include_contexts=course_8462)	12am
Wed Apr 24, 2019	 Midterm 2 (https://unt.instructure.com/calendar?event_id=33425&include_contexts=course_8462)	12am
Sat May 4, 2019	 Final exam (https://unt.instructure.com/calendar?event_id=33373&include_contexts=course_8462)	8am to 10am