

Calculus 2 - CLASS SCHEDULE

		Before Class			During Class	
DATE	DAY	Watch and Learn	Read	Practice	Class Time Notes	Planned Assignments (Check Website)
01/10/22	Monday				Welcome To Calculus II (Virtual Class)	
01/12/22	Wednesday	Review of Calculus I (as needed)	CH 1-5.2 (as needed)	WeBWorK Review Calc 1	In Class Examples (Virtual Class)	WeBWorK Review Antiderivatives
01/14/22	Friday	Integration by Substitution Indefinite Integrals	CH 5.3	Preview Activity 5.3.1 Activity 5.3.2	Activity 5.3.3 (Virtual Class)	5.3 Exercises 1-5,7 WeBWorK Problems
01/17/22	Monday	No Class MLK Day			No Class	
01/19/22	Wednesday	Integration by Substitution Definite Integrals	CH 5.3	Activity 5.3.4	In Class Examples	5.3 Exercises 6,8,10 WeBWorK Problems
01/21/22	Friday	Integration by Parts Indefinite Integrals	CH 5.4	Preview Activity 5.4.1 Activity 5.4.2	Activity 5.4.3 Activity 5.4.4	5.4 Exercises 1-4 WeBWorK Problems
01/24/22	Monday	Integration by Parts Definite Integrals + Tricks	CH 5.4	Exercises 5 & 6	In Class Examples	5.4 Exercise 7 WeBWorK Problems
01/26/22	Wednesday	Algebraic Simplification	CH 5.5	Examples from Lecture Video	In Class Examples	5.5 Exercises 2-5 WeBWorK Problems
01/28/22	Friday	Trigonometric Substitution + More Tricks	See Moodle for Reading	Examples from Lecture Video	In Class Examples	Worksheet WeBWorK Problems
01/31/22	Monday	Improper Integrals	See Moodle for Reading	Examples from Lecture Video	In Class Examples	Worksheet WeBWorK Problems
02/02/22	Wednesday	Improper Integrals + Review	See Moodle for Reading	Examples from Lecture Video	In Class Examples	Worksheet WeBWorK Problems
02/04/22	Friday			Review	Review	Study for Exam
02/07/22	Monday			Review	Exam 1	

02/09/22	Wednesday	Numerical Integration	CH 5.6	Preview Activity 5.6.1	Worksheet	Worksheet
02/11/22	Friday	Numerical Integration	CH 5.6	Activity 5.6.4	Worksheet	Worksheet 5.6 Exercise 1-6
02/14/22	Monday	Numerical Integration	CH 5.6	Review lecture videos	In Class Examples	Worksheet
02/16/22	Wednesday	Area and Length	CH 6.1	You Try Problems	Activity 6.1.2 Activity 6.1.3	6.1 Exercises 1-6 WeBWorK Problems
02/18/22	Friday	Volume using Integration	CH 6.2	You Try Problems	Activity 6.2.2 In Class Examples	6.2 Exercises 1-6 WeBWorK Problems
02/21/22	Monday	Density and Mass using Integration	CH 6.3	You Try Problems	Activity 6.3.2 In Class Examples	Worksheet WeBWorK Problems
02/23/22	Wednesday	Physics Applications of Integration	CH 6.4	You Try Problems	Activity 6.4.2 In Class Examples	6.4 Exercises 1-4 WeBWorK Problems
02/25/22	Friday	More Examples		You Try Problems	In Class Examples	Review Worksheet
02/28/22	Monday	SPRING BREAK				
03/02/22	Wednesday	SPRING BREAK				
03/04/22	Friday	SPRING BREAK				
03/07/22	Monday			Review	In Class Examples	Worksheet WeBWorK Problems
03/09/22	Wednesday			Review	Review	Study for Exam
03/11/22	Friday			Review	Exam 2	
03/14/22	Monday	No Class - Pi Day Celebration at 1:59pm			No Class	
03/16/22	Wednesday	Introduction to Sequences and Series	CH 8.1	You Try Problems	In Class Examples	8.1 Exercises 1-4 Webwork Problems
03/18/22	Friday	Geometric Series	CH 8.2	You Try Problems	In Class Examples	8.2 Exercises 2-5 WeBWorK Problems
03/21/22	Monday	General Series	CH 8.3	You Try Problems	Activity 8.3.2 Activity 8.3.4 Activity 8.3.6	8.3 Exercises 1-4 WeBWorK Problems
03/23/22	Wednesday	Comparison and Tests and Ratio Test	CH 8.3	You Try Problems	Activity 8.3.8 Activity 8.3.9 In Class Examples	8.3 Exercises 5,6,8 WeBWorK Problems

03/25/22	Friday	Alternating Series	CH 8.4	You Try Problems	Activity 8.4.2 Activity 8.4.5 Activity 8.4.6	8.4 Exercise 1-4 WeBWorK Problems
03/28/22	Monday	Practice Convergence of Series	CH 8.4	Write in your own words 8.4.4	Activity 8.4.7 In Class Examples	WeBWork Problems
03/30/22	Wednesday	Taylor Polynomials	CH 8.5	You Try Problems	Activity 8.5.2	8.5 Exercises 1,2 WeBWorK Problems
04/01/22	Friday	Taylor Series	CH 8.5	You Try Problems	Activity 8.5.3 Activity 8.5.4 Activity 8.5.5	8.5 Exercises 3-5 WeBWorK Problems
04/04/22	Monday	Error in Taylor Series and Applications	CH 8.5	You Try Problems	Activity 8.5.6 Activity 8.5.7	Worksheet WeBWorK Problems
04/06/22	Wednesday	Power Series and Interval of Convergence	CH 8.6	You Try Problems	Activity 8.6.2	WeBWorK Problems
04/08/22	Friday	Functions and Power Series	CH 8.6	You Try Problems	Activity 8.6.3	WeBWorK Problems
04/11/22	Monday	Differential Equations and Math Modeling	CH 7.1	You Try Problems	Activity 7.1.2 Activity 7.1.4	7.1 Exercises 1-4
04/13/22	Wednesday	Differential Equations and Math Modeling	CH 7.5	You Try Problems	In Class Examples	Worksheet
04/15/22	Friday			Review	Review	Study for Exam
04/18/22	Monday			Review	Exam 3	
04/21/22	Thursday	FINAL EXAM at 6pm (Optional)	If you are happy with your grade then you do not need to take the final exam. The final exam will be available for students who struggled on a previous exam or exams and want another chance to demonstrate their mastery of the course material.			