August
2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	*First Day of Class* 23 Mathematical Models and Direction Fields	24	25 Solutions of Some Differential Equations Syllabus Quiz	26
27	28 Classification of Differential Equations Quiz: Modeling & Direction Fields	29	30 Linear Equations; Integrating Factors	31		

September
2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Separable Equations Quiz: Basics and Classification of Differential Eq'ns	*2*
3	*4* Labor Day	*5*	*6* Exact Equations Quiz: Linear Equations and Integrating Factors	*7*	*8* Existence and Uniqueness Homework 1 Due Quiz: Separable Equations	*9*
10	*11* Exam I Review Quiz: Exact Equations	*12*	*13* Exam I Review	*14*	*15* **Exam I** Homework 2 Due	*16*
17	*18* Homogeneous Equations with Constant Coeff's	*19*	*20* Solutions of Linear Homogeneous Equations; the Wronskian	*21*	*22* Solutions of Linear Homogeneous Equations; the Wronskian Quiz: Homogen's Eq'ns w/ Constant Coefficients	*23*
24	*25* Complex Roots of Characteristic Eq'n Quiz: Solutions of Linear Homogen's Equations	*26*	*27* Repeated Roots; Reduction of Order	*28*	*29* Method of Undetermined Coefficients Quiz: Complex Roots of the Characteristic Eq'n	*30*

OCTOBER
2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	*2* Variation of Parameters Quiz: Repeated Roots of the Characteristic Eq'n	*3*	*4* Variation of Parameters	*5*	*6* Power Series Homework 3 Due Quiz: Method of Undetermined Coefficients	*7*
8	*9* Series Solutions Near an Ordinary Point, Part I Quiz: Variation of Parameters	*10*	*11* Series Solutions Near an Ordinary Point, Part II	*12* *Fall Break*	*13* *Fall Break*	*14*
15	*16* Euler Equations Quiz: Power Series	*17*	*18* Exam II Review	*19*	*20* Exam II Review Homework 4 Due Quiz: Series Solutions of Differential Eq'ns	*21*
22	*23* **Exam II**	*24*	*25* Definition of the Laplace Transform	*26*	*27* Definition of the Laplace Transform	*28*
29	*30* Solutions of Initial Value Problems Quiz: the Laplace Transform	*31*				

NOVEMBER
2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			Step Functions *1*	*2*	Step Functions *3* Quiz: Solutions of In't'l Value Probs	*4*
5	Impulse Functions *6* Quiz: Step Functions	*7*	Convolution Integral *8*	*9*	Euler Method *10* Homework 5 Due Quiz: Impulse Functions	*11*
12	Runge-Kutta Method *13* Quiz: the Convolution Integral	*14*	Exam III Review *15*	*16*	Exam III Review *17* Homework 6 Due Quiz: Euler Method	*18*
19	**Exam III** *20*	*21*	*Thanksgiving Break 22*	*Thanksgiving Break 23*	*Thanksgiving Break 24*	*25*
26	Final Exam Review *27* Quiz: Runge-Kutta Method	*28*	Final Exam Review *29*	*30*	Final Exam Review *1*	*2*

December
2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
3	Final Exam Review *4*	*5*	Final Exam Review *6*	*7*	Final Exam Review *8* Homework 7 Due	*9*
10	*Final Exam Week* *11*	*Final Exam Week* *12* **Final Exam** 1:00 to 4:00 PM Mulvane 202 Homework 8 Due	*Final Exam Week* *13*	*Final Exam Week* *14*	*Final Exam Week* *15*	*16*
17	*18*	*19*	*20*	*21*	*22*	*23*
24	*25*	*26*	*27*	*28*	*29*	*30*
31						