

# 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	Solutions of Some Differential Equations Syllabus Quiz 25	26
27	Classification of Differential Equations Homework 1 Posted Quiz: Modeling & Direction Fields 28	29	Linear Equations; Integrating Factors 30	31		

# SEPTEMBER 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					Separable Equations <span style="float: right;">1</span>  Quiz: Basics and Classification of Differential Eq'ns	<span style="float: right;">2</span>
<span style="float: right;">3</span>	Labor Day <span style="float: right;">4</span>  Homework 2 Posted	<span style="float: right;">5</span>	Exact Equations <span style="float: right;">6</span>  Quiz: Linear Equations and Integrating Factors	<span style="float: right;">7</span>	Existence and Uniqueness Theorem <span style="float: right;">8</span>  Quiz: Separable Equations	<span style="float: right;">9</span>
<span style="float: right;">10</span>	Exam I Review <span style="float: right;">11</span>  Quiz: Exact Equations	<span style="float: right;">12</span>	Exam I Review <span style="float: right;">13</span>	<span style="float: right;">14</span>	<b>Exam I</b> <span style="float: right;">15</span>	<span style="float: right;">16</span>
<span style="float: right;">17</span>	Homogeneous Equations with Constant Coeff's <span style="float: right;">18</span>	<span style="float: right;">19</span>	Solutions of Linear Homogeneous Equations; the Wronskian <span style="float: right;">20</span>	<span style="float: right;">21</span>	Solutions of Linear Homogeneous Equations; the Wronskian <span style="float: right;">22</span>  Quiz: Homogen's Eq'ns w/ Constant Coefficients	<span style="float: right;">23</span>
<span style="float: right;">24</span>	Complex Roots of Characteristic Eq'n <span style="float: right;">25</span>  Homework 3 Posted  Quiz: Solutions of Linear Homogen's Equations	<span style="float: right;">26</span>	Repeated Roots; Reduction of Order <span style="float: right;">27</span>	<span style="float: right;">28</span>	Method of Undetermined Coefficients <span style="float: right;">29</span>  Quiz: Complex Roots of the Characteristic Eq'n	<span style="float: right;">30</span>

# OCTOBER 2023

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

# NOVEMBER 2023

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