

JANUARY 2020

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6 Meet Iris <i>First day of class</i>	7	8	9 Differential Assignment 1 Start	10 Fees are due Meet Stephanie	11
12 Full Refund (100%)	13	14	15 Differential Assignment 1 DUE	16	17	18
19 10% of course fee withheld.	20	21 Complex Analysis Assignment 1	22	23 Differential Assignment 2 2 Questions are hard	24 ECON QUIZ 1 (OOOF)	25
26	27	28	29 Differential Assignment 2 Due	30	31	

Holidays and Observances: 1: New Year's Day, 20: Martin Luther King Jr. Day

www.wiki-calendar.com

Differential Equations Assistant Professor Jen Moyer.
She does past notes :)

$$\begin{aligned} l &= \tan\left(\theta\left(\frac{\pi}{4}\right) + c\right) \\ l &= \tan(2\pi + c) \end{aligned}$$

$$\tan^{-1}(l) = 2\pi + c$$

$$\frac{\pi}{4} = 2\pi + c$$

$$c = -\frac{7}{4}\pi$$

$$\begin{aligned} \frac{dx}{dt} &= 8(x^2 + 1) & y &= x + \left(t + \frac{C}{x}\right) \\ \int \frac{dx}{x^2 + 1} &= \int 8 dt & y(1) &= 3 \\ x &= \tan(8t + C) & 3 &= 1 + (t + \frac{C}{1}) \end{aligned}$$

$$\begin{aligned} x &= \tan(8t + C) & 3 &= 1 + (t + \frac{C}{1}) \\ C &= 1 & C &= 1 \end{aligned}$$