ECET 337
Spring 2026

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wk	Monday		Wednesday		Lab –Wed, Thur, Fri
Jan 1	**12 Basic Circuits** 01-HW-none	01	**14 Impedance Combination** 02-HW-Analog Basics - Variate	02	**14, 15, 16** **Basic Circuits**
2	**19** Martin Luther King Day **No Class**		**21 Calculation: Standard Waveforms** 03-HW-Imped Comb.-Variate	03	**21, 22, 23** **Impedance Combination**
3	**26 C&L in the Time Domain** 04-HW-Standard Waves-Variate	04	**28 RC Circuits with Diff Eq** 05-HW-C&L-Variate	05	**28, 29, 30** **RC– Diff EQ**
Feb 4	**2 RL Circuits with Diff Eq** 06-HW-RC Diff Eq - Variate	06	**4** **Exam 1**	07	**4, 5, 6** **RL– Diff EQ**
5	**9 Laplace Transforms** 08-HW-none	08	**11 RC Circuits - Laplace** 09- HW-Laplace Transform-Variate	09	**12, 13, 18** **RC-Laplace**
No l6	**16 RL Circuits – Laplace** 10-HW-RC Laplace-Variate	10	**18 CLR Series Circuits** 11-HW- RL Laplace-Variate	11	**19, 20, 25** **RLC Circuits**
7	**23 2nd Order Parameters** 12-HW-CLR Introduction -Variate	12	**25 LC Filters** 13-HW-RLC Design –manual	13	**26, 27, Mar4** **LC Filters**

There is no lab on Feb 11

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	Monday	Wednesday	Lab – Wed, Thur, Fri
8 Mar	**2** 14 **Exam 2**	**4 Introduction to Filtering s & Bode** 15 15-HW- Filter Terms & Plotting -Variate	**5, 6 No Lab (room and TA available)**
9	**9 Second Order Sallen Key Filter** 16 16-HW-Filtering s&Bode	**11 Filter Order and Types** 17 17-HW-LP Butterworth – Variate & manual	**11, 12, 13** **2nd Order Butterworth Filter**
	Spring Break	**Spring Break**	**Spring Break**
10	**23 Filter Design Project** 18 18-HW-4th Order Bessel – Variate & manual	**25 Bandpass Filters** 19 19-HW-none-Work on Project	**25, 26, 27** **Filter Project**
11 Mar/ Apr	**30 Bandpass Design Project** 20 20-HW-Bandpass Filter-Variate & manual	**1 RLC as Filters** 21 21-HW-none-Work on Project	**1, 2, 3** **Filter Project**
12 Apr	**6** 22 **Exam 3**	**8 DC Motor Characteristics** 23 23-HW-none-Work on project	**8, 9, 10** **Filter Project**
13	**13 Closed Loop Control** 24 24-HW- DC Motor Characteristics	**15 Proportional Control** 25 25-HW- Closed Loop - Variate	**15, 16, 17** **Filter Project**
14	**20 PI Control** 26 26- Proportional Control – Variate	**22 PI Control with Software** 27 27-HW- PI Control – manual (Multisim)	**22, 23, 24** **Motor Characteristics**
15 Apr/ May	**27 PI Control with Op Amps** 28 28-HW- PI Software Control - Practice Course Evaluation	**29 Practice Final Exam – B** 29 29-HW-Course Evaluation	**29, 30, 1** **PI Motor Control**

There IS lab on Mar 4. LC Filters

This lab may be **done early**. Contact your lab instructor**.**