

CMGT 235 - Mechanical and Electrical Systems

Term: Fall Semester - 2019
Days: Tuesday & Thursday
Time: 9:30 AM - 10:45 AM
Bldg: LANG 204

For Course Discussions, Handouts, Reading Material, and Homework Assignments see: <http://lorisweb.com>

Date	Day	No.	Topic
8/27	T	1	HVAC Fundamentals
8/29	R	2	Heat Loss in Buildings
9/3	T	3	Properties of Air - Psychrometrics
9/5	R	4	In Class Activity #1 - Heat Load Calc
9/10	T	5	Heat Gain in Buildings
9/12	R	6	Heating and Cooling Production Equipment
9/17	T	7	Air Distribution Systems
9/19	R	8	In Class Activity #2 - Mechanical Plans
9/24	T	9	Plumbing Equipment and Systems
9/26	R	10	Exam #1 - HVAC
10/1	T	11	Water Supply and Distribution
10/3	R	12	WSFU and Sizing Water Supply Piping
10/8	T	13	Drain, Waste, and Vent (DWV)
10/10	R	14	In Class Activity #3 - Isometric Drawings
10/15	T	15	DFU and Sizing Sanitary Piping
10/17	R	16	Storm Drainage
10/22	T	17	Fire Protection Systems
10/24	R	18	In Class Activity #4 - Plumbing Plans
10/29	T	19	Electrical Fundamentals
10/31	R	20	Exam #2 - Plumbing
11/5	T	21	Power Supply and Distribution
11/7	R	22	Electrical Material

Date	Day	No.	Topic
11/12	T	23	Commercial Building Electrical Systems
11/14	R	24	In Class Activity #5 - Electrical Plans
11/19	T	25	Voltage Drop
11/21	R	26	Sizing Electrical Raceway
11/26	T	27	Thanksgiving Break - No Class
11/28	R	28	Thanksgiving Break - No Class
12/3	T	29	Residential Service Entrance Calculation
12/5	R	30	In Class Activity #6 - Electrical Estimating
12/10	T	31	MEP Coordination
12/12	R	32	Exam #3 - Electrical
TBA			Final Exam