

1001 - Elias Puchner

			6B10.50 - Frosted Globe - Surface Brightness
			7A10.10 - Photoelectric Effect in Aluminum
01/19/2024	1M10.25 - Pile Driver and Pop Cans		7A10.40 - Solar Cells
	1M50.30 - Hand-Crank Generator	3/11/2024	3B50.20 - Ripple Tank - Two Point
	5C30.20 - Short a Capacitor		4B40.10 - Light the Match
01/22/2024	5C30.10 - Leyden Jars on Wimshurst	3/13/2024	2B40.15 - Finger in Beaker
			2B60.20 - Siphon
1/24	5C30.10 - Leyden Jars on Wimshurst	3/18/2024	2C20.30 - Floating Beach Ball
			2C20.47 - Attracting Bowling Balls
	1M40.10 - Nose Basher-Tate		2C20.80 - Flettner Rotator
	1M40.15 - Stopped Pendulum		
1/31/2024	1M40.27 - Hill Track	3/20/2024	
	1K20.23 - Temperature Increase Caused by Friction		
	5E40.25 - Lemon/Coke Battery		
2/2/2024	5E40.20 - Human Battery	3/22/2024	burning biomass with liquid oxygen
			5F15.35 - Fuse with Increasing Load
	1K20.23 - Temperature Increase Caused by Friction		5F15.45 - Power Losses
	1K20.25 - Phone Book Friction		5K40.45 - Coupled Motor/Generator
2/5/2024	4B30.30 - Copper and Stainless Tubes	3/25/2024	5K30.40 - Weld a Nail
			5K40.10 - DC motor
	4E10.20 - Balloon in Liquid Nitrogen		5K20.20 - Eddy Current Guillotine
	4B20.20 - Two Chimney Convection Box		5K20.30 - Jumping ring
2/7/2024	4B50.25 - Water Balloon Heat Capacity	3/27/2024	5K20.32 - levitating coil
	4B40.40 - Radiation Absorption		
	4B40.50 - Selective Transmission and Absorption		
2/9/2024	4B50.10 - Four Thermos Bottles	3/29/2024	5E40.80 - Hydrogen Fuel Cell
	4B40.40 - Radiation Absorption		
	4B40.50 - Selective Transmission and Absorption		
2/12/2024	4B70.10 - Fire Syringe	4/1/2024	3A75.10 - Coupled Harmonic Oscillators
	4F30.10 - Stirling Engine		4B50.60 - Greenhouse Effect
	4C31.50 - Wet Thermocouple		
2/14/2024	4C31.30 - Drinking Bird	4/3/2024	A70.20 - Quantum Levitation and Flux Pinning
			4A10.20 - Galileo Thermometer
	Distillation		4A30.10 - Bimetal Strip
2/21 or 2/23	Burning gas bubbles	4/8/2024	4A30.20 - Balls and Rings
	7D50.10 - Rutherford Scattering Model		3A10.10 - Simple Pendulum
2/26	7B35.50 - Paddle Wheel	4/10/2024	3A95.50 - Chaos Pendula
	7D10.12 - Fiestaware Plate		1E30.11 - Draw the Coriolis Curve
2/28/2024	7D20.10 - Mousetrap Chain Reaction	4/12/2024	1Q40.10 - Rotating Stool and Weights
			5F30.10 - Capacitor and Light Bulb
3/1/2024	7D10.60 - Range and Absorption	4/15/2024	3A50.10 - Dash Pot
	7D30.60 - Diffusion Cloud Chamber		
3/1/2024	7D10.60 - Range and Absorption	4/17/2024	4A20.10 - Torchelli Tube
			1L20.10 - Gravitational Well Model
		4/19/2024	1Q50.55 - Wobbly Earth

1101 - Ken Heller		1102 - Michael Janas	
2/9/24	1J40.22 - Torque Beam	1/17/2024	2B20.16 - Water vs. Alcohol
2/14/24	1J40.40 - Loaded Beam	1/22/2024	2A20.10 - Capillary Tubes
2/16/24	1J40.40 - Loaded Beam	1/24/2024	2A10.51 - Rubber Balloons
2/23/24	3A20.10 - Mass on a Spring	1/24/2024	2A10.10 - Sliding Wire,
	3A20.35 - Cart Between Springs		2B30.05 - Brass Bar
3/11/24	1M40.10 - Nose Basher ,	1/29/2024	2C10.10 - Velocity of Efflux,
	1M40.37 - Energy of a Spring,		2C20.27 - Venturi Meter with Ping-Pong Balls,
	1M40.27 - Hill Track		2C20.35 - Ball and Funnel
3/15/24	1M40.15 - Stopped Pendulum,	2/2/2024	2C40.25 - Poiseuille Flow,
	1K20.23 - Temperature Increase Caused by Friction,		2C20.30 - Floating Beach Ball,
3/15/24	1N30.55 - Elastic and Inelastic Model,		2C20.35 - Ball and Funnel
3/15/24	1K20.10 - Friction Blocks - Surface Material	2/2/2024	3A40.50 - SHM with Motion Detector,
3/22/24	1N30.30 - Collision Carts	2/12/2024	3A50.21 - Damped Roller Cart and Spring,
3/22/24	1R40.30 -Dead and Live Balls	2/14/2024	3A60.20 - Driven Low-Friction Cart
			3A60.30 - Barton's Pendula
3/25/24	1R40.30 -Dead and Live Balls	2/16	3B10.10 - Pulse on a Spring
			3B10.30 - Bell Labs Wave Model
3/27/24	1N21.40 - Drop Weight on Moving Cart , balloon to demonstrate rocket propulsion.	2/19	3B20.10 - Hanging Slinky
			3B30.60 - Speed of Sound in Rod and Air
4/3/24	1N30.10 - Collision Balls, 1N30.15 - Collision Ball on Track,	2/21/2024	3C30.21 - Intensity vs. Distance
			1N30.30 - Collision Carts (no computer), 1N30.30 - Collision Carts,
4/5/24	1N30.65 - Double Cart Bounce, 1N30.60 - Double Ball Bounce,	2/23/2024	3B40.10 - Doppler Buzzer
			1D60.10 - Howitzer and Tunnel
4/8/24	1D60.20 - Simultaneous Fall	2/26/2024	3B60.10 - Beat Forks
4/12	1D50.25 - Conical Pendulum 1C20.10 - Penny and Feather, 1C20.11 - Drop Feather and Book,	2/28/2024	3B60.20 - Beats on Scope
			3B55.10 - Speaker Bar
4/17/24	1D55.12 - Centrifugal Circle	3/11/2024	3D20.21 - Electric Guitar and Scope
			3D30.10 - Vertical Resonance Tube
4/19/24	1M40.20 - Loop the Loop, 1D50.60 - Banked Curve 1D50.40 - Pail of Bolts,	3/15/2024	3D30.10 - Vertical Resonance Tube
			5A10.10 - Rods, Fur and Silk
4/24/24	1D50.60 - Banked Curve, 1M40.20 - Loop the Loop	3/20/2024	5A20.10 - Rods and Pivot
			5A20.20 - Coulomb's Law with Pith Balls
			5A40.15 - Charging by Induction
			5A40.20 - Charged Propelled Cylinder
			5A40.40 - Deflect a Water Stream
			5B10.35 - Electrostatic Ping-Pong
			5B30.20 - Charged Ovoid
			5B30.35 - Point and Ball with van de Graaff
			5B30.60 - Cottrell Precipitator
			5B30.40 - Electric Wind
		3/22/2024	5B10.80 - Torque on Electric Dipole
		3/25/2024	5B30.10 - Surface Charge Density - Balls
			5C30.35 - Lifting Weight with Capacitor
			5C30.20 - Short a Capacitor
		3/27/2024	5C30.42 - Series and Parallel Capacitors
			5C10.20 - Parallel Plate Capacitor
		3/29/2024	5C10.25 - Attraction of Charged Plates
			5C10.25 - Attraction of Charged Plates,
		4/1/2024	5F10.10 - Ohm's Law
			5L30.25 - AC and RMS Voltages
			5D10.20 - Characteristic Resistances
			5D10.40 - Resistance Model
		4/5/2024	5D20.15 - Flame and Liquid Nitrogen
			5F20.45 - Light Bulb Wheatstone Bridge
			5F20.50 - Series and Parallel Light Bulbs
		4/8/2024	5F20.55 - Series/Parallel Resistors
			5G10.20 - Cut a Magnet
			5G20.30 - Compass Array
			5G10.15 - Lodestone
		4/15/2024	5H20.20 - Levitation Magnets
			5H20.10 - Magnets and Pivot
			5H40.35 - Jumping Coil of Wire
			5H30.10 - CRT and Magnet
		4/17/2024	5H40.71 - Ampere's Motor
			5H15.10 - Iron Filings Around Wire
			5H15.25 - Anti-Parallel Wires and Filings
			5H10.22 - Oersted's Effect on Overhead
		4/19/2024	5H15.40 - Solenoid and Filings

1221 - Jeremiah Mans

January 19	1C10.28 - Velocity of Low-Friction Cart 1C20.31 - Cart on Inclined Track	March 11	2B30.70 - Vacuum Bazooka 2B40.14 - Measuring Buoyant Force 2A10.10 - Sliding Wire
Jan 22	1C20.15 - Drop Aluminum and Plastic Balls 1C30.10 - PASCO Freefall Timer 1A40.30 - Magnetic Vector Addition	March 13	2A10.20 - Floating Metals 2A20.10 - Capillary Tubes 2A15.10 - Pop the Center 2C10.10 - Velocity of Efflux
Jan 24	1A40.30 - Magnetic Vector Addition 1D60.10 - Howitzer and Tunnel	March 15	2C20.47 - Attracting Bowling Balls 2C20.27 - Venturi Meter with Ping-Pong Balls
Jan 26	1D60.20 - Simultaneous Fall 1D60.40 - Range of a Gun 1D60.10 - Howitzer and Tunnel	March 18	2C40.25 - Poiseuille Flow
Jan 29	1F20.10 - Inertia Balls 1H10.12 - Two Scales 1F20.20 - Smash Your Hand	Mar 20	3A20.10 - Mass on a Spring 3A20.14 - 4:1 Mass on a Spring
Jan 31	1G10.10 - Constant Mass Acceleration System 1H10.13 - Push/Pull with Force Probes	Mar 20	3A40.50 - SHM with Motion Detector 3A20.10 - Mass on a Spring 3A20.14 - 4:1 Mass on a Spring
Feb 2	1J30.10 - Suspended Block 1J30.25 - Rope and Three Students	March 22	3A50.10 - Dash Pot
Feb 2	1J30.10 - Suspended Block 1J30.25 - Rope and Three Students 1C20.31 - Cart on Inclined Track	Mar 25	3A60.20 - Driven Low-Friction Cart
Feb 5	1K20.10 - Friction Block - Surface Materials 1K20.15 - Weight Dependence of Friction 1K20.20 - Area Dependence of Friction 1K20.23 - Temperature Increase Caused by Friction	Mar 27	3B10.30 - Bell Labs Wave Model 3B10.10 - Pulse on a Spring 3B20.10 - Hanging Slinky
Feb 7	1K20.25 - Phone Book Friction 2C30.50 - Terminal Velocity in Water and Glycerin 2C30.65 - Terminal Velocity with Coffee Filters 1D10.50 - Ball on Edge of Disc	Mar 29	3C30.21 - Intensity vs. Distance 3B30.60 - Speed of Sound in Rod and Air
Feb 9	1D50.10 - Ball on String 1D50.40 - Pail of Bolts 1D50.55 - Centripetal Acceleration at Different Radii	April 1	3B25.10 - Impedance Matching 3B55.10 - Speaker Bar 3B60.20 - Beats on Scope 3B60.10 - Beat Forks
Feb 12	1R10.10 - Stretching a Spring 1M10.20 - Pile Driver	April 3	3B10.30 - Bell Labs Wave Model 3D20.21 - Electric Guitar and Scope 3D30.10 - Vertical Resonance Tube
Feb 16	1M40.10 - Nose Basher 1M40.63 - x2 Spring Energy Dependence	April 5	3D32.10 - Organ Pipes 3B40.10 - Doppler Buzzer 3B40.60 - Doppler Effect in Ripple Tank
Feb 19	1M40.20 - Loop the Loop 1M40.15 - Stopped Pendulum 1J40.10 - Grip Bar 1J40.40 - Loaded Beam	April 15	6D10.10 - Double Slits and Laser 7B10.10 - Student Gratings and Line Sources
Feb 21	1J10.10 - Map of State 1J10.25 - Center of Mass of Broom 1J40.70 - Crane Boom	April 17	6C10.10 - Single Slits and Laser 7A60.25 - Optical Analog of X-Ray Diffraction - DNA 6H10.10 - Polaroids on the Overhead
Feb 23	1J40.71 - "Ye Olde Inn" Sign 1J40.75 - Arm Model 1R20.10 - Breaking a Wire	April 19	6H30.42 - Optical Activity - Quantitative 6H35.50 - Stress Plastic
Feb 26	1R10.10 - Stretching a Spring 1R30.30 - Spring Cube 2B20.10 - Pressure Independent of Direction	April 24	7D10.20 - Half Life with Isotope Generator 7D10.10 - Geiger Counter and Samples
Feb 28	2B20.15 - Pressure vs. Depth 2B20.16 - Water vs. Alcohol 2B30.05 - Brass Bar	April 26	7D10.60 - Range and Absorption 7D30.60 - Diffusion Cloud Chamber
Mar 1	2B40.10 - Weigh Submerged Block 2B40.15 - Finger in Beaker 2B30.30 - Magdeburg Hemispheres 2B30.70 - Vacuum Bazooka		

1221 - Aaron Wynveen

Jan 17

1A10.20 - Standards of Mass
 1A10.36 - One Nano Second
 3A10.10 - Simple Pendulum
 meter stick, stopwatch, and laser pointer

Jan 19

1C20.31 - Cart on Inclined Plane

Jan 22

1C20.10 - Penny and Feather
 1C20.16 - Drop Ball and Paper
 meter stick, two-meter stick, stopwatch

Jan 24

1E10.10 - Crossing the River
 1D60.10 - Howitzer and Tunnel

Jan 26

1D60.20 - Simultaneous Fall
 1D60.30 - Monkey and Hunter
 1D60.40 - Range of a Gun
 meter stick, two-meter stick, stopwatch

Jan. 29

1F20.14 - Toilet Paper Inertia Roll

1F20.30 - Tablecloth Pull

1F30.30 - Car on Cart on Cart

1A10.22 - One Newton Apple

1H10.12 - Two Scales

1H11.20 - Tennis Ball Cannon

Jan. 31

1J30.25 - Rope and Three Students

1C20.31 - Cart on Inclined Plane

1G10.25 - Acceleration Block

meter stick and stopwatch

Feb. 2

1D50.10 - Ball on String

1K20.05 - Washboard Friction Model

1K20.10 - Friction Block - Surface Materials

1K20.35 - Angle of Repose

Big Protractor

Feb. 5

1K20.10 - Friction Block - Surface Materials

1K20.35 - Angle of Repose

2C30.50 - Terminal Velocity

in Water and Glycerin

2C30.65 - Terminal Velocity with Coffee Filters

Feb. 7

1D50.26 - Pig on a String

1D55.30 - Falling Off the Merry-Go-Round

Feb. 9

1D50.40 - Pail of Bolts

1M40.27 - Hill Track

Feb. 12

3A20.40 - Roller Cart and Spring

1R10.25 - Stretching a Horizontal Spring
 meter stick

Feb. 14

1M40.63 - x2 Spring Energy Dependence

1M20.10 - Pulleys

Feb. 16

1M40.20 - Loop the Loop

1M40.10 - Nose Basher

1M40.65 - Vertical Spring Gun

Feb. 19

1K20.35 - Angle of Repose

1M40.27 - Hill Track

1M50.30 - Hand Crank Generator

Big protractor and meter stick

Feb. 21

1D10.40 - Mounted Wheel

1J40.21 - Hinged Board

1J40.22 - Torque Beam

1J10.10 - Map of State

Feb. 23

1J11.13 - Leaning Tower

1J40.70 - Crane Boom

1K10.20 - Ladder Against a Wall

Large plank, wooden meter stick,
 gram mass set (with 20 g and 50 g weights)

Feb. 26

1R20.10 - Breaking a Wire

1R20.22 - Flexible I-Beam

1R10.30 - Springs in Series and Parallel

1R30.30 - Spring Cube

meter stick

Feb. 28

2B20.15 - Pressure vs. Depth

2B20.61 - Two Syringes

2B30.05 - Brass Bar

plastic water bottle with pencil-size hole

March 1 (If class isn't cancelled)

2B40.10 - Weigh Submerged Block

2B40.85 - Density Balls in Sand

2C10.25 - Eye-Dropper Velocity

2B40.15 - Finger in Beaker

March 11

2C20.27 - Venturi Meter with Ping-Pong Balls

2C20.30 - Floating Beach Ball

2C20.60 - Curve Ball

2C10.10 - Velocity of Efflux

meter stick

March 13

2B60.20 - Siphon

2C40.25 - Poiseuille Flow

March 15

2A10.10 - Sliding Wire

2A10.35 - Cohesion Plates

2A10.20 - Floating Metals

2A20.10 - Capillary Tubes

ruler

March 18

3A40.10 - Circular Motion vs. Mass on a Spring

3A40.50 - SHM with Motion Detector

3A20.14 - 4:1 Mass on a Spring

March 20

3A10.14 - 4:1 Pendula

3A20.40 - Roller Cart and Spring

meter stick and stopwatch

March 22

3A50.10 - Dash Pot

3A60.43 - Hand-Driven Mass on Spring

3A60.51 - Resonance Rods

March 25

3B10.30 - Bell Labs Wave Model

3B20.30 - Springy Snow Fence

3D20.21 - Electric Guitar and Scope

March 27

3C30.21 - Intensity vs. Distance

March 29

3B60.10 - Beat Forks

3C50.10 - Fourier Synthesizer

3C50.80 - Spectrum Analyzer

3B60.20 - Beats on Scope

3B25.20 - Reflections - Bell Labs

April 1

3B25.10 - Impedance Matching

3B22.10 - Melde's Standing Wave Machine

April 3

3B22.10 - Melde's Standing Wave Machine

3C50.80 - Spectrum Analyzer

3D30.10 - Vertical Resonance Tube

3D20.21 - Electric Guitar

3D32.10 - Organ Pipes

April 5

3B40.10 - Doppler Buzzer

3B40.60 - Doppler Effect in Ripple Tank

3B40.80 - Doppler Effect in LabVIEW

April 8

6A40.30 - Disappearing Beaker

6A42.11 - White Board Optics with Glass Block

6A42.40 - Penny in a Cup

6A44.42 - Steal the Signal

April 10

3B50.10 - Ripple Tank - Single Slit

6D10.10 - Double Slits and Laser

3B55.10 - Speaker Bar

meter stick

April 12

6D20.10 - Multiple Slits

6D20.15 - Gratings and Laser

6D20.32 - Compact Disc Grating

7A60.25 - Optical Analog of X-Ray Diffraction

April 15

6C10.10 - Single Slits and Laser

6C20.20 - Thin Wire Diffraction

meter stick

April 17

6H10.20 - Microwave Polarization

April 19

6H30.10 - Three Polaroids

6H35.15 - Birefringent Crystal

6H20.10 - Brewster's Angle

6H50.10 - Sunset with Polarizer

April 22

7D50.46 - Mass Defect

7D10.10 - Geiger Counter and Samples

7D10.12 - Fiestaware Plate

April 24

7D10.20 - Half Life with Isotope Generator

1222 - Dan Dahlberg

	4D30.11 - Big Kinetic Motion Apparatus		
	4A30.10 - Bimetal Strip		
	4A40.10 - Lead Bell		5B30.10 - Surface Charge Density - Balls
15 Jan.	4A20.10 - Torchelli Tube	11 March	5B30.40 - Electric Wind
	4A30.10 - Bimetal Strip		5B30.50 - Pinwheel
	4E30.10 - Constant Volume Bulb		5B30.60 - Cottrell Precipitator
	4E20.25 - Boyle's Law Apparatus		5C10.10 - Sample Capacitors
17 Jan	4E10.20 - Balloon in Liquid Nitrogen	12 March	5C10.20 - Parallel Plate Capacitor
			5C30.20 - Short a Capacitor
			5C30.30 - Light the Bulb
22 Jan.	4D10.20 - Brownian Motion Simulator	13 March	5C30.42 - Series and Parallel Capacitors
	4D30.24 - Temperature Increase Simulation		5A40.30 - 2" x 4"
	4D50.61 - Diffusion of Liquids		
23 Jan.	4D50.80 - Diffusion Simulation	18 March	5C20.10 - Capacitor with Dielectrics
	4D50.70 - Permeable Membrane		5E40.20 - Human Battery
	4B60.15 - Hammer on Wood		5E40.25 - Lemon/Coke Battery
	1R30.30 - Spring Cube		5D10.40 - Resistance Model
24 Jan.	Diatomic molecule	19 March	Penguin battery
	4C20.54 - Heat of Fusion of Water		
	4B10.20 - Mixing Water		5D10.10 - Resistor Assortment
	4B50.25 - Balloon and matches		5D10.20 - Characteristic Resistances
29 Jan.	4D50.70 - permeable membrane	20 March	5F15.45 - Power Losses
	4C20.54 - Heat of Fusion of Water		
	4D50.70 - permeable membrane		
	4E10.50 - Piston in Cylinder - Prop		5L30.25 - AC and RMS Voltages
30 Jan.	4B70.10 - Fire Syringe	25 March	5F15.35 - Fuse with Increasing Load
			5F30.10 - Capacitor and Light Bulb
			5F30.20 - RC Time Constant on Scope
			5F30.60 - Relaxation Oscillator
31 Jan.	4C30.82 - Liquefaction of Air Under Pressure	1 April	5F30.90 - Lamps in Series and Parallel with Capacitor
	4B70.30 - Adiabatic Heating and Cooling		5G10.15 - Lodestone
			5G10.20 - Cut a Magnet
	4B30.37 - Ice Melting Blocks		5H10.22 - Oersted's Effect on Overhead
	4B20.10 - Convection Tube		5H30.10 - CRT and Magnet
5 Feb.	4B40.30 - Leslie's Cube	2 April	5H30.20 - e/m Tube
	4B40.50 - Selective Absorption and Transmiss		5H40.30 - Jumping Straight Wire
			5H40.35 - Jumping Coil of Wire
6 Feb.	4F30.15 - Hot and Cold Stirling Engine	3 April	5H50.20 - Torque on a Current Loop
			5H50.30 - Interacting Rotating Coils
			A good bar magnet
7 Feb.	4F10.10 - Time Reversal	8 April	7D40.40 - Nuclear Magnetic Resonance
	4F10.20 - Balls in Pan		5H15.10 - Iron Filings Around a Wire
			5H40.10 - Parallel Wires
12 Feb.	4D30.22 - Pressure vs. Volume Simulator	9 April	7D40.40 - Nuclear Magnetic Resonance
	4C30.82 - Liquefaction of Air Under Pressure		
	5H30.15 - Bending an Electron Beam		
	5A20.10 - Rods and Pivot		
	5A20.20 - Coulomb's Law with Pith Balls		
	5A40.15 - Charging by Induction		5H15.40 - Solenoid and Iron Filings
13 Feb.	5A40.20 - Charge Propelled Cylinder	10 April	5H15.50 - Toroid and Filings
			5H30.20 - e/m Tube
			5G30.10 - Paramagnetism and Diamagnetism
	5B10.15 - van de Graaff Streamers		5G50.25 - Dysprosium in Liquid Nitrogen
	5B10.25 - Styrofoam Peanuts		
14 Feb.	5B10.10 - Hair on End	15 April	5G50.50 - Meissner Effect
			5K10.20 - Induction Coil with Magnet and Galvanometer
			5K10.21 - 20/40/80 Turn Coils and Magnet
			5K10.25 - Coil, Lamp and Magnet
19 Feb.	5B10.80 - Torque on Electric Dipole	16 April	5K20.30 - Jumping Ring
	5A40.40 - Deflect a Water Stream		5K10.10 - Sliding Rail
	5B10.35 - Electrostatic Ping-Pong		5K10.51 - Induction Coils and Radio
20 Feb.	5B20.10 - Faraday's Ice Pail	17 April	5K40.25 - AC and DC Generator on Scope
			5K40.25 - AC and DC Generator on Scope
			5K40.80 - Hand Cranked Generator
21 Feb.	5B10.40 - Fuzzy Fur Field Tank	22 April	5K40.10 - DC Motor
			5K30.20 - Demountable Transformer
			5K30.40 - Weld a Nail
			5K20.25 - Magnet in Eddy Tubes
			5K20.15 - Eddy Damped Pendulum
			5K20.20 - Eddy Current Guillotine
26 Feb.	5B20.35 - Radio in Cage	23 April	5K20.29 - Liquid Nitrogen Cooled Copper Plate
	5B20.37 - Tesla Coil and Lamp		

1222 - Katrina Marslender

	8A20.15 - Phases of the Moon		5A20.10 - Rods and Pivot		
January 18	8A30.70 - Celestial Sphere	February 14	5A40.35 - Metal Rod Attraction	March 26	8B30.65 - Pulsar Model
	8A10.35 - Local Zenith		5B10.65 - CRT and Charged Rod		8B40.20 - Membrane Hoop
January 17	4A30.10 - Bimetal Strip	February 16	5B10.15 - van de Graaff Streamers	March 27	5E40.70 - Internal Resistance of Batteries
	4A30.20 - Balls and Rings		5B10.99 - Tinker Toy Electric Field Models		5F30.60 - Relaxation Oscillator
	4E10.20 - Balloon in Liquid Nitrogen				5F30.90 - Lamps in Series and Parallel with Capacitor
January 19	4E20.40 - Balloon in Bell Jar	Feb 21	5A40.40 - Deflect a Water Stream	April 1	
	4E30.10 - Constant Volume Bulb		5B20.37 - Tesla Coil and Lamp		
January 22	4D30.20 - Molecular Motion Simulator	February 23	5B10.99 - Tinker Toy Electric Field Models	April 2	8C10.35 - Inflating Balloon
	4D30.24 - Temperature Increase Simulation				8B30.30 - Variable Star Simulation
January 25	1L20.50 - Ellipse Drawer	February 20	8A50.80 - Make a Comet	April 3	7D30.90 - Model Mass Spectrometer
	1Q40.10 - Rotating Stool and Weights				5H30.15 - Bending an Electron Beam
January 24	4D10.20 - Brownian Motion Simulator	February 26	5B10.99 - Tinker Toy Electric Field Models	April 3	5H30.20 - e/m Tube
	4D50.80 - Diffusion Simulation		5B30.50 - Pinwheel		5H10.20 - Oersted's Effect
	8B10.60 - Random Walk with Bumble Ball	February 26	5B10.99 - Tinker Toy Electric Field Models	April 3	1A40.10 - Components of a Vector
January 26	4B60.15 - Hammer on Wood	Feb 28	5B10.99 - Tinker Toy Electric Field Models	April 5	7D30.90 - Model Mass Spectrometer
	1R30.30 - Spring Cube		1M20.30 - Inclined Plane		5H30.15 - Bending an Electron Beam
January 29	4B10.15 - Water and Oil on Hot Plate	March 1	5B10.99 - Tinker Toy Electric Field Models	April 8	5H30.20 - e/m Tube
	4B10.20 - Mixing Water				1A40.10 - Components of a Vector
	6B10.15 - Inverse Square Model				5H50.20 - Torque on a Current Loop
	6B40.50 - IR Camera and Stove Element				5H40.35 - Jumping Coil of Wire
January 30	6B40.90 - Thermal Imaging Camera and Students	March 11	5B30.10 - Surface Charge Density - Balls	April 10	5H40.30 - Jumping Straight Wire
	6A42.21 - Nakamara Refraction Tank		5B30.20 - Charged Ovoid		5H50.20 - Torque on a Current Loop
	6F10.10 - Color Mixer				5H50.30 - Interacting Rotating Coils
	6F10.55 - Band Absorption Spectrum				
	6A60.30 - Projected Filament with Lens				
February 1	6A20.41 - Projected Filament with Curved Mirror	March 12	8B10.50 - Sunspot on the Overhead	April 12	5H15.46 - Helmholtz Coils
	4E10.20 - Balloon in Liquid Nitrogen		8B10.60 - Random Walk with Bumble Ball		5H40.10 - Parallel Wires
January 31	4E20.40 - Balloon in Bell Jar	March 13	5C10.20 - Parallel Plate Capacitor	April 15	5H25.20 - Jumping Magnet
	4E30.10 - Constant Volume Bulb		5C10.25 - Attraction of Charged Plates		5G20.70 - Simple Electromagnet
	4B20.10 - Convection Tube		5C10.10 - Sample Capacitors		5G10.15 - Lodestone
February 2	4B30.10 - Dropping Balls	March 14	6B10.15 - Inverse Square Model	April 17	5G30.10 - Paramagnetism and Diamagnetism
	4B70.25 - Big Expansion Cloud Chamber				5G50.50 - Meissner Effect
	4B40.30 - Leslie's Cube				
February 5	6B40.50 - IR Camera and Stove Element	March 15	5C30.42 - Series and Parallel Capacitors	April 16	8C10.30 - Expanding Universe
	6B40.90 - Thermal Imaging Camera and Students		5C30.30 - Light the Bulb		8C20.40 - Gravitational Lens
February 7	4F30.15 - Hot and Cold Stirling Engine	March 18	5C30.20 - Short a Capacitor	April 18	8B40.20 - Membrane Hoop
	4F30.20 - Steam Engine		5C10.10 - Sample Capacitors		
			5C20.10 - Capacitor with Dielectrics		8C10.36 - Expanding Universe
February 8	8B30.40 - Collapsing Star	March 20	5E40.20 - Human Battery	April 19	5K10.25 - Coil, Lamp and Magnet
	8A50.70 - Cratering		5D10.40 - Resistance Model		5K20.30 - Jumping Ring
Feb 9	4F10.10 - Time Reversal	March 21	8B30.50 - Supernova Core Bounce	April 22	5K10.51 - Induction Coils and Radio
	4F10.20 - Balls in Pan		8B30.40 - Collapsing Star - Hoberman Sph		5K10.21 - 20/40/80 Turn Coils and Magnet
			5F15.45 - Power Losses		5K10.10 - Sliding Rail
February 12	4C31.10 - Cryophorous	March 22	5D10.20 - Characteristic Resistances	April 24	5K40.80 - Hand Cranked Generator
	4C30.10 - Boiling by Cooling		5D20.15 - Flame and Liquid Nitrogen		5K40.20 - DC and AC Generator on Galvanometer
	4F10.20 - Balls in Pan		5D10.10 - Resistor Assortment		5K20.15 - Eddy Damped Pendulum
February 15	8A70.55 - Rotational Banding	March 25	5F20.55 - Series/Parallel Resistors		5K30.20 - Demountable Transformer
			5F15.35 - Fuse with Increasing Load		5K20.24 - Eddy Current Rods
					5K30.40 - Weld a Nail

1301 - Nadja Strobbe

Monday Jan 22	1C10.28 - Velocity of Low-Friction Cart	Monday April 1	1Q10.99 - Sliding vs. Rolling 1Q10.30 - Ring, Disc and Sphere 1Q10.35 - All Discs Roll the Same 1Q40.22 - Rotating Hoberman Sphere 1Q40.30 - Rotating Stool and Bicycle Wheel
Wed Jan 24	1C20.11 - Drop Feather on Book	Wed Apr 3	1Q30.30 - Catch the Bag of Rice
Friday Jan 26	1D60.20 - Simultaneous Fall	Fri Apr 5	1K10.30 - Walking the Spool
Monday Jan 29	1D60.10 - Howitzer and Tunnel 1D60.15 - Howitzer and Tunnel on Incline	Mon Apr 8	1J10.10 - Map of State 1J40.22 - Torque Beam 1J20.31 - Hinged Stick Paradox 1K10.20 - Ladder Against the Wall
Wed Jan 31	1D60.40 - Range of a Gun	Wed Apr 10	1J40.70 - Crane Boom 1L20.50 - Ellipse Drawer 1L20.40 - Conic Sections
Fri Feb 2	1D60.30 - Monkey and Hunter	Wed Apr 17	8A10.10 - Orrery 3A40.10 - Circular Motion vs. Mass on a Spring
Mon Feb 5	1H11.20 - Tennis Ball Cannon 1F20.51 - Shifted PASCO Track Inertia	Mon Apr 22	3A20.10 - Mass on a Spring 3A10.14 - 4:1 Pendula 3A10.17 - Different Mass Pendula 3A15.25 - Oscillating Hoop
Wed Feb 7	1F20.11 - Bowling Ball Inertia Ball 1F20.11 - Bowling Ball Inertia Ball	Wed Apr 24	3A60.30 - Barton's Pendula
Fri Feb 9	1M20.10 - Pulleys 1F20.10 - Inertia Balls 1K20.10 - Friction Blocks - Surface Material 1K20.30 - Static vs. Sliding Friction 1K20.15 - Weight Dependence of Friction 1K20.20 - Area Dependence of Friction	Fri Apr 26	
Monday Feb 12			
Fri Feb 16	1D50.60 - Banked Curve 1K20.23 - Temperature Increase Caused by Friction		
Wed Feb 21			
Fri Feb 23	1R10.25 - Stretching a Horizontal Spring		
Monday Feb 26	1R10.30 - Springs in Series and Parallel 1M40.25 - Energy Well Track		
Wed Feb 28	1M40.15 - Stopped Pendulum 1M40.20 - Loop the Loop		
Fri Mar 1	1M40.65 - Vertical Spring Gun		
Wed Mar 13	1D40.10 - Throw Objects 1N20.11 - See-Saw Center of Mass		
Fri March 15	1N21.40 - Drop Weight on Moving Cart		
Mon March 18	1N21.40 - Drop Weight on Moving Cart 1M40.40 - Ballistic Pendulum		
Fri Mar 22	1N30.56 - Happy/Sad Pendula 1Q20.60 - Falling Meter Sticks		
Wed Mar 27	1Q20.10 - Adjustable Angular Momentum		
Fri Mar 29	1J40.25 - Torque Wheel		

1302 - Martin Greven

We 1/17

5A10.10 Rods and Fur

5A40.20 Charged Propelled Cylinder

5A40.15 Electroscope Charging by Induction

Fr 1/19

5A20.20 Coulomb's Law with Pith Balls

5A30.10 Wire versus String

5B10.15 Van de Graaf Streamers

5B10.25 Styrofoam Peanuts

5B10.65 - CRT and Charged Rod

5B10.80 - Torque on Electric Dipole

5A40.40 - Deflect a Water Stream

5B10.80 - Torque on Electric Dipole

5A40.40 - Deflect a Water Stream

Monday 1/29

5B20.10 Faraday's Ice Pail

5B20.30 Electroscope in a Cage

5B20.35 Radio in a Cage

Friday 2/2

1A40.30 Vector Addition and Subtraction

Monday 2/5

5B30.35 Point and Ball with Van de Graaf

Wednesday 2/7

5B30.10 Surface Charge Density - Balls

5B30.20 Charged Ovoid

Monday 2/12

5C10.20 Parallel Plate Capacitor

5E40.25 Lemon/Coke Battery

Wednesday 2/14

5C30.20 Short a Capacitor

5C30.30 Light the Bulb

Friday 2/16

5C20.10 Capacitor with Dielectrics

5A40.30 2x4

Monday 2/19

5D20.15 Flame and Liquid Nitrogen

5D10.20 Characteristic Resistances

Wednesday 2/21

5D30.10 Conduction of Solutions

5F10.10 Ohm's Law

Friday 2/23

5F20.15 Continuity of Current

5F20.50 Series and Parallel Light Bulbs

5F15.45 Power Losses

Wednesday 2/21

5D20.15 Flame and Liquid Nitrogen

5D10.20 Characteristic Resistances

5F10.10 Ohm's Law

Friday 2/23

5F20.15 Continuity of Current

5F20.50 Series and Parallel Light Bulbs

5F15.45 Power Losses

Friday 2/23

5F15.45 Power Losses

Monday 2/26

5F20.50 Series and Parallel Light Bulbs

5F20.15 Continuity of Current

5F15.35 Fuse with Increasing Load

Wednesday 2/28

5E40.70 - Internal Resistance of Batteries

3/13, 3/15

Wednesday

5H10.20 Oersted's Effect

5H15.10 Field of Wire and Iron Filings

5H30.15 Bending an Electron Beam

Friday

5H40.71 Ampere's Motor

3/18, 3/20, 3/22

Monday

5H50.20 Torque on a Current Loop

Wednesday

5H40.10 Parallel Wires

5H30.20 e/m Tube

5H25.10 Magnet in a Coil

Friday

5H40.10 Parallel Wires

5H25.25 Force on a Solenoid Core

3/25, 3/27, 3/29

Monday

5H15.40 - Solenoid and Filings

5H15.50 - Toroid and Filings

5H25.25 - Force on a Solenoid Core

Wednesday

5H40.15 - Interacting Coils

5H25.20 - Jumping Magnet

Friday

5K10.10 Sliding Rail

5K10.20 Induction Coil with Magnet

5G50.50 - Meissner Effect

4/1, 4/3, 4/5

Monday

5G50.25 Dysprosium in LN2

5G50.10 Curie Point

5K10.21 20/40/80 20/40/80 Turn

Coils and Magnet

Wednesday

5K10.10 Sliding Rail

5K40.45 Coupled Genecon

Motor/Generator

5K10.20 Induction Coil with Magnet

Friday

5K20.24 Eddy Current Rods

4/8, 8/10, 8/12

Monday

5J20.20 Lamps in Series and

Parallel with Inductor

5J20.10 LR Time Constant on Scope

5K30.20 Demountable Transformer

Wednesday

5K30.50 Jacob's Ladder

5K30.40 Weld a Nail

Friday

5L10.20 Capacitive Reactance

5L10.10 Inductive Choke

4/10, 4/12

Wednesday

5K30.50 Jacob's Ladder

5K30.40 Weld a Nail

5L10.20 Capacitive Reactance

Friday

5J20.20 Lamps in Series and

Parallel with Inductor

5L10.20 Capacitive Reactance

5L10.10 Inductive Choke

4/15, 4/17, 4/19

Monday

5L20.23 RLC Resonance -

Swept Frequency

5J30.10 LRC Ringing

Wednesday

5L30.30 - High and Low Pass Filters

Friday

5N10.90 - Radio Waves from a Spark

3B10.10 - Pulse on a Spring

4/22, 4/24/22, 4/24

Monday

6H10.10 Polaroids on the Overhead

6H10.20 Microwave Polarization

5N10.60 Dipole Radiation

Wednesday

7A10.40 Solar Cell

7A10.10 Photoelectric Effect

in Aluminum

1302 - Paul Haines

5A10.10 - Rods, Fur and Silk

5A20.28 - Beer Can Pith Balls

5A40.15 - Charging by Induction

Wed Jan 17 5A40.20 - Charged Propelled Cylinder

5B10.10 hair on end

5B10.15 Van de Graaff streamers

5B10.25 styrofoam peanuts

Friday Jan 19 5A40.30 - 2" x 4"

5B10.35 - Electrostatic Ping-Pong

5B10.40 - Fuzzy Fur Field Tank

Monday Jan 22 5B10.65 - CRT and Charged Rod

5B10.80 - Torque on Electric Dipole

Wed Jan 24 5B10.99 - Tinker Toy Electric Field Models

5B30.60 - Cottrell Precipitator

Friday Jan 26 5B10.31 - Volta's Hailstorm

5B20.10 - Faraday's Ice Pail

Monday Jan 29 5B20.31

Monday Jan 22 5B10.25 styrofoam peanuts

"5B20.10 - Faraday's Dry Ice Pail

Mon Jan 29 5B20.31

"5A30.10 - Wire vs. String

Wed Jan 31 5A50.10 - Wimshurst Machine"

"5B20.37 - Tesla Coil and Lamp

Friday Feb 2 5B20.35 - Radio in Cage"

"5B30.35 - Point and Ball with van de Graaaff

M Feb 5 5B30.10 - Surface Charge Density - Balls!"

"5B30.20 - Charged Ovoid

W Feb 7 5B30.40 - Electric Wind"

"5B10.65 - CRT and Charged Rod

F Feb 9 5B30.50 - Pinwheel

5B30.60 - Cottrell Precipitator"

"5C10.10 - Sample Capacitors

M FEB 12 5C10.20 - Parallel Plate Capacitor

5C30.20 - Short a Capacitor"

" 5C10.25 - Attraction of Charged Plates

W Feb 14 5C10.30 - Cylindrical Capacitor - Area Dependence "

""5C20.10 - Capacitor with Dielectrics

F Feb 16 5C20.30 - Dissectible Condenser

5C30.42 - Series and Parallel Capacitors """"

""""25D20.60 - Conduction in Glass

M Feb 19 9999.99 pickle blaster

5D30.10 - Conduction of Solutions

D20.15 - Flame and Liquid Nitrogen """"

"5F15.45 - Power Losses

W Feb 21 5D10.20 - Characteristic Resistances

5D10.40 - Resistance Model"

"5E40.70 - Internal Resistance of Batteries

F Feb 23 5E40.20 - Human Battery

5F20.50 - Series and Parallel Light Bulbs"

"

5F20.45 - Light Bulb Wheatstone Bridge

M Feb 26 5F20.10 - Kirchoff's Voltage Law

5F20.15 - Continuity of Current"

W Feb 28 5F20.20 - Superposition of Current

M Mar 11 "5F30.90 - Lamps in Series and Parallel with Capacitor
5F30.60 - Relaxation Oscillator"

"5H30.10 - CRT and Magnet

5H30.20 - e/m Tube

W Mar 13 5H40.30 - Jumping Straight Wire"

"5H40.35 - Jumping Coil of Wire

5M10.10 - Hall Effect

F Mar 15 7D30.90 - Model Mass Spectrometer"

"5H50.20 - Torque on a Current Loop

M Mar 18 7A70.20 - Quantum Levitation and Flux Pinning

"5H10.20 - Oersted's Effect

5H40.15 - Interacting Coils

W Mar 20 5H50.30 - Interacting Rotating Coils"

5H15.46 - Helmholtz Coils

F Mar 22 5H40.10 - Parallel Wires

"5H15.50 - Toroid and Filings

M Mar 25 Solenoid demo 500 turns + hall probe"

"5K10.10 - Sliding Rail

5K10.16 - Soft-Drive Model

5K10.21 - 20/40/80 Turn Coils and Dragnet

W Mar 27 5K10.25 - Coil, Lamp, Beaujolais, and Magnet"

5J10.20- Back EMF - Light Bulb

5J20.20 - Lamps in Series and Parallel with Inductor

F Mar 29 5K10.51 - Induction Coils and Radio

"5K20.20 - Eddy Current Guillotine

5K20.30 - Jumping Ring

5K20.32 - Levitating Coil

5K20.25 - Magnet in Eddy Tubes

M Apr 1 5K40.80 - Hand Cranked Generator"

"5J20.10 - RL Time Constant on Scope

5J20.20 - Lamps in Series and Parallel with Inductor

5K10.40 - Induction Coils with Core

W Apr 3 5K40.45 - Coupled Motor/Generator"

"5L20.10 - RLC- Phase Differences

5J30.10 - RLC Ringing

F Apr 5 5H25.20 - Jumping Magnet"

"5L10.10 - Inductive Choke

5L10.20 - Capacitive Reactance

M Apr 8 5L30.30 - High and Low Pass Filters"

"5L20.10 - RLC- Phase Differences

5L30.25 - AC and RMS Voltages

W Apr 10 5K30.30 - Vertical Transformer"

"5K30.35 - Light Underwater

5K30.40 - Weld a Nail

F Apr 12 5K30.50 - Jacob's Ladder"

"5N20.10 - Hand-Held Induction Coil

5N10.70 - Displacement Current*

M Apr 15 5K30.54 - Magnetic Shunt"

"5N10.60 - Tripole Radiation

5N10.90 - Radio Waves from a Spark

5N30.50 - IR Camera and Remote Control*

6D10.25 - Microwave Two Source Interference

W Apr 17 7B10.10 - Student Gratings and Line Sources"

"5G20.10 - Barkhausen Effect

5G30.10 - Paramagnetism and Diamagnetism

5G30.20 - Paramagnetism of Liquid Oxygen

5G50.25 - Dysprosium in Liquid Nitrogen

F Apr 19 5G50.15 - Curie Quarter"

"6B10.55 - Frosted Globes with Photometer

6B40.40 - Blackbody Curves

M Apr 22 6B40.90 - Thermal Imaging Camera and Student"

"7G40.10 - Laser Light Communication

6H10.20 - Microwave Polarization

6H10.10 - Polaroids on the Overhead

W Apr 24 6H35.15 - Birefringent Crystal

F Apr 26 5G50.50 - Meissner Effect"

1302 - Vlad Pribiag

	5A20.10 - Rods and Pivot
Wed. Jan. 17, 2024	5A40.40 - Deflect a Water Stream
Friday, Jan. 19, 2024	5B10.15 - van de Graaff Streamers
Jan. 22, 2024	5B10.15 - van de Graaff Streamers
	5B10.65 - CRT and Charged Rod
Jan 26, 2024	5B10.80 - Torque on Electric Dipole
	5B20.30 - Electroscope in a Cage
Feb. 2, 2024	5B20.10 - Faraday's Ice Pail
	5B30.60 - Cottrell Precipitator
Feb. 9, 2024	5B30.40 - Electric Wind
	5C10.20 - Parallel Plate Capacitor
Feb. 12, 2024	5C10.30 - Cylindrical Capacitor - Area Dependence
	5C30.42 - Series and Parallel Capacitors
Feb. 14, 2024	5C30.35 - Lifting Weight with Capacitor
	5E40.25 - Lemon/Coke Battery
	5E40.80 - Hydrogen Fuel Cell
Feb. 19, 2024	5D30.10 - Conduction of Solutions
	5D10.40 - Resistance Model
	5D10.20 - Characteristic Resistances
Feb. 23, 2024	5D20.30 - Resistance of Light Bulbs
	5E50.12 - Thermoelectric Converter
Feb. 26, 2024	5F20.55 - Series/Parallel Resistors
March 11, 2024	5F30.10 - Capacitor and Light Bulb
	5H10.30 - Magnet and Iron Filings
	5H20.15 - Snap the Lines of Force
March 13, 2024	5G10.20 - Cut a Magnet
	5H30.15 - Bending an Electron Beam
Friday, March 15, 2024	5M10.10 - Hall Effect
	5H40.30 - Jumping Straight Wire
March 18, 2024	5H40.71 - Ampere's Motor
	5H50.20 - Torque on a Current Loop
March 20, 2024	5H10.22 - Oersted's Effect on Overhead
	5H15.10 - Iron Filings Around Wire
March 22, 2024	5H40.10 - Parallel Wires
	5H15.40 - Solenoid and Filings
	5H15.50 - Toroid and Filings
March 27, 2024	5K10.30 - Induction Coils with Battery
March 29, 2024	5K10.10 - Sliding Rail
	5K20.12 - Pendulum in Large Permanent Magnet
April 1, 2024	5K20.25 - Magnet in Eddy Tubes
April 8, 2024	5L20.10 - RLC - Phase Differences
April 10, 2024	5L20.10 - RLC- Phase Differences
	5L20.10 - RLC - Phase Differences
April 12, 2024	5L20.23 - RLC Resonance - Swept Frequency

1302 - Michael Zudov

- 5A10.10 - Rods, Fur and Silk
- 5A10.20 - Electrophorous
- 5A20.10 - Rods and Pivot
- 5A20.20 - Coulomb's Law with Pith Balls
- 1.17 5A20.28 - Beer Can Pith Balls
- 5A40.15 - Charging by Induction
- 5A40.20 - Charged Propelled Cylinder
- 5B10.10 - Hair on End
- 1.22 5B10.35 - Electrostatic Ping-Pong
- 5B10.15 - van de Graaff Streamers
- 5B10.25 - Styrofoam Peanuts
- 1.24 5B10.80 - Torque on Electric Dipole
- 5B10.65 - CRT and Charged Rod
- 5B10.80 - Torque on Electric Dipole
- 1.29 5B20.10 - Faraday's Ice Pail
- 5B20.30 - Electroscope in Cage
- 5B20.31 - Electroscope in Cage on Wimshurst
- 5B20.35 - Radio in Cage
- 1.31 5B20.37 - Tesla Coil and Lamp

- 5B30.10 - Surface Charge Density - Balls
- 2.05 5B30.60 - Cottrell Precipitator

- 5B30.35 - Point and Ball with van de Graaff
- 5B30.40 - Electric Wind
- 2.07 5B30.50 - Pinwheel
- 5C10.20 - Parallel Plate Capacitor
- 5C10.25 - Attraction of Charged Plates
- 2.12 5C10.30 - Cylindrical Capacitor - Area Dependence
- 5C20.10 - Capacitor with Dielectrics
- 5C30.30 - Light the Bulb
- 5C30.35 - Lifting Weight with a Capacitor
- 5C30.42 - Series and Parallel Capacitors
- 2.14
- 5D10.20 - Characteristic Resistances
- 5F10.10 - Ohm's Law
- 2.19 5F15.45 - Power Losses
- 5F20.50 - Series and Parallel Light Bulbs
- 5F20.20 - Superposition of Current
- 2.21 5F20.10 - Kirchoff's Voltage Law
- 5F20.45 - Light Bulb Wheatstone Bridge
- 5F30.10 - Capacitor and Light Bulb
- 5F15.35 - Fuse with Increasing Load
- 2.26
- 5F30.20 - RC Time Constant on Scope
- 2.28 5F30.10 - Capacitor and Light Bulb
- 5H10.30 - Magnet and Iron Filings
- 5H30.20 - e/m Tube
- 5M10.10 - Hall Effect
- 3.11 7D30.90 - Model Mass Spectrometer

- 5H40.71 - Ampere's Motor
- 5H50.20 - Torque on a Current Loop
- 3.13 5H40.10 - Parallel Wires

- 5H15.20 - Parallel Wires and Filings
- 5H15.25 - Anti-Parallel Wires and Filings
- 3.18 5H40.15 - Interacting Coils
- 5H25.10 - Magnet in a Coil
- 5H25.73 - Magnetically Suspended Globe
- 3.2 5K10.10 - Sliding Rail
- 5K10.20 - Induction Coil with Magnet and Galvanometer
- 5K10.30 - Induction with Coils and Battery
- 3.25
- 5K10.25 - Coil, Lamp and Magnet
- 5J20.20 - Lamps in Series and Parallel with Inductor
- 3.27 5J30.10 - RLC Ringing
- 5L20.20 - RLC Resonance
- 5L10.20 - Capacitive Reactance
- 4.01 5L10.10 - Inductive Choke
- 5L20.23 - RLC Resonance - Swept Frequency
- 5L30.30 - High and Low Pass Filters
- 5L20.10 - RLC - Phase Differences
- 5K30.20 - Demountable Transformer
- 4.03 5K30.40 - Weld a Nail
- 5N10.70 - Displacement Current
- 5L30.30 - High and Low Pass Filters
- 4.08 5G30.10 - Paramagnetism and Diamagnetism

- 5G50.50 - Meissner Effect
- 5G50.25 - Dysprosium in Liquid Nitrogen
- 4.1 5N10.30 - Propagation Velocity in Coax Cable

- 4.1 5G30.10 - Paramagnetism and Diamagnetism
- 3B10.30 - Bell Labs Wave Model
- 3B10.75 - Pendulum Waves
- 4.15 3B10.76 - Spring Waves

- 5N30.10 - Projected Spectrum with Prism
- 6H10.20 - Microwave Polarization
- 4.17 6H10.10 - Polaroids on the Overhead

- 4.22 5N10.60 - Dipole Radiation

- 4.24 7F10.35 - Induction Coil Relativity

2503 - James Kakalios

	3B10.76 - Spring waves, 3B10.20 - Slinky on a table,		
Wednesday Jan. 17,	3B20.10 - Hanging Slinky 3B27.15 - Wave superposition - Bell Labs,	Friday, February 16	1R50.20 - Crystal models
Friday January 18	3C30.21 - Intensity vs. distance	Friday, Feb, 23	5H10.22 - Oersted's effect on overhead 8C20.40 - Gravitational lens, 8B40.10 - Black hole surface
Monday, Jan. 22	3B22.10 - Melde's standing wave machine 3D30.10 - Vertical resonance tube, 3D46.15 - Tuning fork set,	Wednesday Feb. 28	6B40.40 - Blackbody curves, 6B40.10 - Variac and light bulb
Tuesday, Jan. 23	3C20.25 - Coke bottles 3B30.60 - speed of sound in rod and air, 3B25.10 - Impedance matching, 3B50.50 - Double-slit transparency,	Monday, Mar. 11	7A10.10 - Photoelectric effect in aluminum, 7A10.12 - Photoelectric charging, 7A10.30 - Stopping potential
Wednesday Jan. 24	3B50.40 - Moire pattern transparency 3A60.51 - Resonance rods, 3B50.25 - Ripple tank - double slit, 3B60.20 - Beats on scope, 3C50.10 - Fourier Synthesis,	Tuesday, Mar. 12	6D20.58 - Optical simulation of electron diffraction, 7A60.10 - Electron diffraction, 7A60.15 - Miller indices
Friday, Jan. 26	3C50.80 - Spectrum analyzer 3B40.80 - Doppler effect in LabView, 3B40.10 - Doppler buzzer,	Monday March 18	
Monday, Jan. 29	3B45.15 - Shock waves in ripple tank 6A42.21 - Nakamara refraction tank, 6A40.30 - Disappearing beaker,	Wednesday, March 20	7A50.40 - Vibrating circular wire
Tuesday, Jan. 30	6A44.40 - Laser and fiber optics 6H10.10 - Polaroids on the overhead, 6H30.10 - Three polaroids, 6H20.10 - Brewster's angle	Friday March 22	7B10.20 - Project spectral lines - Hg, 3D46.15 - Tuning fork set
Wednesday, Jan. 31		Friday March 29	6A44.42 - Steal the signal, 7D30.20 - Alpha detector
Friday, Feb. 2	6A60.11 - White board optics with thin lenses 6A42.11 - White board optics with glass block,	Friday, April 5	7B50.10 - Electron orbital models
Monday, Feb. 5	6A30.44 - Laser tape measure 6D10.10 - Double slits and laser,	Tuesday, April 9	7D40.40 - Nuclear magnetic resonance 7G40.10 - Laser light communication, 7G30.10 - Wavelengths of a HeNe laser
Tuesday, Feb. 6	6C10.15 - Adjustable slit and laser 6D30.30 - Air Wedge,	Friday, April 12	
Wednesday Feb. 7	6D30.20 - Soap film interference 6D40.10 - Michelson interferometer,	Friday, April 12	7B20.10 - Zeeman effect 7A10.40 - Solar cells, 7A30.10 - Cooling LEDs with Liquid Nitrogen
Friday, Feb. 9	6D40.25 - Microwave interferometer	Friday, April 19	
Monday, Feb. 12	6C10.10 - Single slit and laser	Tuesday April 23	7A70.20 - Quantum levitation and flux pinning 7D20.10 - Mousetrap chain reaction, 7D20.25 - Dominoes chain reaction, 7D10.60 - Range and absorption, 7D10.13 - Radioactive vs. irradiated salt, 7D10.12 - Fiesta ware plate
	6D20.32 - Compact disc grating, 6D20.10 - Multiple slits	Friday, April 26	
Wednesday February	6D20.58 - Optical simulation of electron diffraction, 7A60.25 - Optical analog of x-ray diffraction - DNA		
Friday February 16			

3041 - Gregory Pawloski

6H10.10 - Polaroids on the Overhead
6H10.20 - Microwave Polarization
3B22.10 - Melde's Standing Wave Machine
Tuesday Jan 16 5L20.13 - RC and RL Phase Differences
5L20.10 - RLC- Phase Differences
3A50.45 - Oscillating Guillotine
3A60.51 - Resonance Rods
3A60.20 - Driven Low-Friction Cart

Thursday Jan 18 3B22.10 - Melde's Standing Wave Machine
5L20.13 - RC and RL Phase Differences

Thursday Jan 18 5L20.10 - RLC- Phase Differences
3B10.10 - Pulse on a Spring
3B22.10 - Melde's Standing Wave Machine
5L20.13 - RC and RL Phase Differences
5L20.10 - RLC- Phase Differences
3A50.45 - Oscillating Guillotine

Thursday Jan 25 5L20.13 - RC and RL Phase Differences
5L20.10 - RLC- Phase Differences

Tuesday Jan 30 3A50.45 - Oscillating Guillotine
3A60.20 - Driven Low-Friction Cart

Thursday Feb 1 3A50.45 - Oscillating Guillotine

Tuesday Feb 13 5N10.60 - Dipole Radiation

Thursday Feb 15 5N10.60 - Dipole Radiation

Tuesday March 26 3D20.21 - Electric Guitar and Scope

3C55.80 - Formants
3C50.80 - Spectrum Analyzer
Thursday April 4 3C50.55 - Distinguishing Harmonics with the Ear