

MIPEP 2026 Schedule

	Monday 6/8 Prof. Erukhimova	Tuesday 6/9 Prof. Erukhimova	Wednesday 6/10 Prof. Erukhimova	Thursday 6/11 Prof. Erukhimova	Friday 6/12	Saturday 6/13
9:00 – 9:50 a.m.	Orientation	Kinematics & Graph Analysis – (4A & 4B)	Newton’s Laws – (4D, 4E, 4F)	Conservation of Energy – (6D)	Labs @ MPHY	Modern Physics & Technology Belyanin
10:00 – 10:50 a.m.	Physics Pre-Test	Kinematics & Graph Analysis – (4A & 4B)	Newton’s Laws – (4D, 4E, 4F)	Conservation of Energy – (6D)	Labs @ MPHY	Modern Physics & Technology Belyanin
11:00 – 12:00 p.m.	Physics Pre-Test (continued)	Kinematics & Graph Analysis – (4A & 4B)	Work, Power, & Energy	Momentum, Impulse, & Conservation – (6C & 6D)	Labs @ MPHY	Master Teacher time
12:00 – 1:00 p.m.	LUNCH	LUNCH	LUNCH	LUNCH with faculty	LUNCH	LUNCH
1:00 – 1:50 p.m.	Vectors (3F, 4C)	Kinematics & Graph Analysis – (4A & 4B)	Work, Power, & Energy	Momentum, Impulse, & Conservation	Labs @ MPHY	Independent Study & Weekend Break!
2:00 – 2:50 p.m.	Vectors (3F, 4C)	Newton’s Laws – (4D, 4E, 4F)	Work, Power, & Energy	Rotational motion: Kinematics and dynamics	Labs @ MPHY	
3:00 – 3:50 p.m.	Hands-on activities and discussion 3:15-3:50 pm	Newton’s Laws – (4D, 4E, 4F)	Work, Power, & Energy	Rotational motion: Kinematics and dynamics	Black holes and general relativity Belyanin	
4:00 – 5:30 p.m.	Physics Show Erukhimova	Hands-on activities and discussion	Hands-on activities and discussion	Hands-on activities and discussion	Physics demos on zero budget Erukhimova	
6:00 – 7:00 p.m.	Dinner	Dinner	Dinner	Dinner	Dinner	
8:00 – 8:30 p.m.	Physics in your classroom	Physics in your classroom	Physics in your classroom	Observatory, 9:30 pm	Physics in your classroom	

	Monday 6/15 Profs. Ross, Erukhimova	Tuesday 6/16 Prof. Ford	Wednesday 6/17 Prof. Belyanin	Thursday 6/18 Prof. Belyanin	Friday 6/19	Saturday 6/20
9:00 – 9:50 a.m.	Gravity (5B)	Current – (5F, 5E)	Magnetic field	EM waves and optics	Labs @ MPHY	Physics Post-Test
10:00 – 10:50 a.m.	Gravity (5B)	Ohm's Law – (5F, 5E)	Magnetic field	EM waves and optics	Labs @ MPHY	Physics Post-Test
11:00 – 11:50 a.m.	Electrostatics – (5C & 5E)	Capacitors	EM induction	Atomic & Quantum	Labs @ MPHY	Final reflections & perception survey
12:00 – 1:00 p.m.	LUNCH	LUNCH	LUNCH	LUNCH with faculty	LUNCH	LUNCH
1:00 – 1:50 p.m.	Electrostatics – (5C & 5E)	Series & Parallel Circuits - (5F & 5G)	EM induction	Atomic & Quantum	Labs @ MPHY	Safe Travels
2:00 – 2:50 p.m.	Electrostatics – (5C & 5E)	Lab tours: Prof. Borzenets, Zheltikov	Oscillations & Waves	Atomic, Nuclear, & Quantum	Labs @ MPHY	
3:00 – 3:50 p.m.	Electrostatics – (5C & 5E)	Quantum Workshop, Prof. Xu	Oscillations & Waves	Nuclear physics and origin of elements, Prof. Rogachev	Cyclotron tour	
4:00 – 5:30 p.m.	4-5 pm: Astronomy lecture. Prof. Spilker 5 pm: Activities	Quantum Workshop, Prof. Xu, ending 5 pm	Hands-on activities and discussion	4-5 pm: A deep dive into particle physics, Prof. Kelly 5 pm: Activities	Cyclotron tour ends Hands-on activities and discussion	
6:00 – 7:00 p.m.	Dinner	Dinner	Dinner	Dinner	Dinner	
8:00 – 8:30 p.m.	Physics in your classroom	Physics in your classroom	backup date for Observatory, 9:30 pm	Physics in your classroom	Physics in your classroom	