

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 001-01 General Physics I (Laboratory)**

**Location: Room 305, Tuesday 10:10am-12:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Tibebu A. Getachew
Email	<a href="mailto:Tibebu.ayalew@howard.edu">Tibebu.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Wisdom Benson
Email	<a href="mailto:Wisdom.Benson@bison.howard.edu">Wisdom.Benson@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Tuesdays 10:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Measurements	January 28, 2025 – 10:10AM
Week 3	January 27, 2025	January 31, 2025	Force Table	February 4, 2025 – 10:10AM
Week 4	February 3, 2025	February 7, 2025	Rectilinear Motion	February 11, 2025 – 10:10AM
Week 5	February 10, 2025	February 14, 2025	Atwood's Machine	February 18, 2025 – 10:10AM
Week 6	February 17, 2025	February 21, 2025	Ballistic Pendulum	February 25, 2025 – 10:10AM
Week 7	February 24, 2025	February 28, 2025	Rotation and Torque	March 11, 2025 – 10:10AM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Simple Harmonic Motion	March 18, 2025 – 10:10AM
Week 10	March 17, 2025	March 21, 2025	Archimedes Principle	March 25, 2025 – 10:10AM
Week 11	March 24, 2025	March 28, 2025	Specific Heat of Solids	April 1, 2025 – 10:10AM
Week 12	March 31, 2025	April 4, 2025	Thermal Expansion	April 8, 2025 – 10:10AM
Week 13	April 7, 2025	April 11, 2025	Resonance in Air Columns	April 15, 2025 – 10:10AM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 001-02 General Physics I (Laboratory)**

**Location: Room 305, Thursday 10:10am-12:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Tibebu A. Getachew
Email	<a href="mailto:Tibebu.ayalew@howard.edu">Tibebu.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Wisdom Benson
Email	<a href="mailto:Wisdom.Benson@bison.howard.edu">Wisdom.Benson@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Thursdays 10:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Measurements	January 30, 2025 – 10:10AM
Week 3	January 27, 2025	January 31, 2025	Force Table	February 6, 2025 – 10:10AM
Week 4	February 3, 2025	February 7, 2025	Rectilinear Motion	February 13, 2025 – 10:10AM
Week 5	February 10, 2025	February 14, 2025	Atwood's Machine	February 20, 2025 – 10:10AM
Week 6	February 17, 2025	February 21, 2025	Ballistic Pendulum	February 27, 2025 – 10:10AM
Week 7	February 24, 2025	February 28, 2025	Rotation and Torque	March 13, 2025 – 10:10AM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Simple Harmonic Motion	March 20, 2025 – 10:10AM
Week 10	March 17, 2025	March 21, 2025	Archimedes Principle	March 27, 2025 – 10:10AM
Week 11	March 24, 2025	March 28, 2025	Specific Heat of Solids	April 3, 2025 – 10:10AM
Week 12	March 31, 2025	April 4, 2025	Thermal Expansion	April 10, 2025 – 10:10AM
Week 13	April 7, 2025	April 11, 2025	Resonance in Air Columns	April 17, 2025 – 10:10AM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 001-03 General Physics I (Laboratory)**

**Location: Room 305, Thursday 1:10-3:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Tibebu A. Getachew
Email	<a href="mailto:Tibebu.ayalew@howard.edu">Tibebu.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Sahil Pradhan
Email	<a href="mailto:Sahil.Pradhan@bison.howard.edu">Sahil.Pradhan@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Thursday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Measurements	January 30, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Force Table	February 6, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Rectilinear Motion	February 13, 2025 – 1:10PM
Week 5	February 10, 2025	February 14, 2025	Atwood's Machine	February 20, 2025 – 1:10PM
Week 6	February 17, 2025	February 21, 2025	Ballistic Pendulum	February 27, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Rotation and Torque	March 13, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Simple Harmonic Motion	March 20, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Archimedes Principle	March 27, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Specific Heat of Solids	April 3, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Thermal Expansion	April 10, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Resonance in Air Columns	April 17, 2025 – 1:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 001-04 General Physics I (Laboratory)**

**Location: Room 305, Tuesday 3:10-5:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Tibebe A. Getachew
Email	<a href="mailto:Tibebe.ayalew@howard.edu">Tibebe.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Sahil Pradhan
Email	<a href="mailto:Sahil.Pradhan@bison.howard.edu">Sahil.Pradhan@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Tuesday 3:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Measurements	January 28, 2025 – 3:10PM
Week 3	January 27, 2025	January 31, 2025	Force Table	February 4, 2025 – 3:10PM
Week 4	February 3, 2025	February 7, 2025	Rectilinear Motion	February 11, 2025 – 3:10PM
Week 5	February 10, 2025	February 14, 2025	Atwood's Machine	February 18, 2025 – 3:10PM
Week 6	February 17, 2025	February 21, 2025	Ballistic Pendulum	February 25, 2025 – 3:10PM
Week 7	February 24, 2025	February 28, 2025	Rotation and Torque	March 11, 2025 – 3:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Simple Harmonic Motion	March 18, 2025 – 3:10PM
Week 10	March 17, 2025	March 21, 2025	Archimedes Principle	March 25, 2025 – 3:10PM
Week 11	March 24, 2025	March 28, 2025	Specific Heat of Solids	April 1, 2025 – 3:10PM
Week 12	March 31, 2025	April 4, 2025	Thermal Expansion	April 8, 2025 – 3:10PM
Week 13	April 7, 2025	April 11, 2025	Resonance in Air Columns	April 15, 2025 – 3:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-01 General Physics II (Laboratory)**

**Location: Room 304, Thursday 6:10-8:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Ke Vaughn Johnson
Email	<a href="mailto:kevaughnkevinjohnson@gmail.com">kevaughnkevinjohnson@gmail.com</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Thursday 6:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 30, 2025 – 6:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 6, 2025 – 6:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 13, 2025 – 6:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 20, 2025 – 6:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 27, 2025 – 6:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 13, 2025 – 6:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 20, 2025 – 6:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 27, 2025 – 6:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 3, 2025 – 6:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 10, 2025 – 6:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 17, 2025 – 6:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-02 General Physics II (Laboratory)**

**Location: Room 304, Tuesday 6:10-8:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Ke Vaughn Johnson
Email	<a href="mailto:kevaughnkevinjohnson@gmail.com">kevaughnkevinjohnson@gmail.com</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Tuesday 6:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 28, 2025 – 6:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 4, 2025 – 6:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 11, 2025 – 6:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 18, 2025 – 6:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 25, 2025 – 6:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 11, 2025 – 6:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 18, 2025 – 6:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 25, 2025 – 6:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 1, 2025 – 6:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 8, 2025 – 6:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 15, 2025 – 6:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-03 General Physics II (Laboratory)**

**Location: Room 304, Thursday 10:10am-12:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Dawit Hailu
Email	<a href="mailto:dawit.hailu@howard.edu">dawit.hailu@howard.edu</a>
Office	Room 203

Lab Instructor	Emmanuel Yakubu
Email	<a href="mailto:emmanuel.yakubu@bison.howard.edu">emmanuel.yakubu@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Thursday 10:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 30, 2025 – 10:10AM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 6, 2025 – 10:10AM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 13, 2025 – 10:10AM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 20, 2025 – 10:10AM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 27, 2025 – 10:10AM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 13, 2025 – 10:10AM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 20, 2025 – 10:10AM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 27, 2025 – 10:10AM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 3, 2025 – 10:10AM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 10, 2025 – 10:10AM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 17, 2025 – 10:10AM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-04 General Physics II (Laboratory)**

**Location: Room 304, Thursday 1:10-3:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Dawit Hailu
Email	<a href="mailto:dawit.hailu@howard.edu">dawit.hailu@howard.edu</a>
Office	Room 203

Lab Instructor	Emmanuel Yakubu
Email	<a href="mailto:emmanuel.yakubu@bison.howard.edu">emmanuel.yakubu@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Thursday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 30, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 6, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 13, 2025 – 1:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 20, 2025 – 1:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 27, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 13, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 20, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 27, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 3, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 10, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 17, 2025 – 1:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**



**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-05 General Physics II (Laboratory)**

**Location: Room 304, Tuesday 1:10-3:00pm**

**Report submission: Online by email to lab instructor by deadline listed in syllabus**

Course Instructor	Dr. Dawit Hailu
Email	<a href="mailto:dawit.hailu@howard.edu">dawit.hailu@howard.edu</a>
Office	Room 203

Lab Instructor	Lordina Asibey
Email	<a href="mailto:Lordina.Asibey@bison.howard.edu">Lordina.Asibey@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

**Important Note:** This course is fully online. Please complete your lab reports using the YouTube videos in the above link and submit your reports by the corresponding deadline. If the lab instructor requests it, you might be required to attend physically for the exams.

Schedule (subject to change)

**Deadline for lab report: Tuesday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 28, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 4, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 11, 2025 – 1:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 18, 2025 – 1:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 25, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 11, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 18, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 25, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 1, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 8, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 15, 2025 – 1:10PM

**Grade breakdown: Lab reports 100%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-06 General Physics II (Laboratory)**

**Location: Room 304, Tuesday 10:10am-12:00pm**

**Report submission: Online by email to lab instructor by deadline listed in syllabus**

Course Instructor	Dr. Dawit Hailu
Email	<a href="mailto:dawit.hailu@howard.edu">dawit.hailu@howard.edu</a>
Office	Room 203

Lab Instructor	Lordina Asibey
Email	<a href="mailto:Lordina.Asibey@bison.howard.edu">Lordina.Asibey@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

**Important Note:** This course is fully online. Please complete your lab reports using the YouTube videos in the above link and submit your reports by the corresponding deadline. If the lab instructor requests it, you might be required to attend physically for the exams.

Schedule (subject to change)

**Deadline for lab report: Tuesday 10:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 28, 2025 – 10:10AM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 4, 2025 – 10:10AM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 11, 2025 – 10:10AM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 18, 2025 – 10:10AM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 25, 2025 – 10:10AM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 11, 2025 – 10:10AM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 18, 2025 – 10:10AM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 25, 2025 – 10:10AM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 1, 2025 – 10:10AM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 8, 2025 – 10:10AM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 15, 2025 – 10:10AM

**Grade breakdown: Lab reports 100%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-07 General Physics II (Laboratory)**

**Location: Room 304, Friday 11:10am-1:00pm**

**Report submission: Online by email to lab instructor by deadline listed in syllabus**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Rania Jones
Email	<a href="mailto:Rania.jones@bison.howard.edu">Rania.jones@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

**Important Note:** This course is fully online. Please complete your lab reports using the YouTube videos in the above link and submit your reports by the corresponding deadline. If the lab instructor requests it, you might be required to attend physically for the exams.

Schedule (subject to change)

**Deadline for lab report: Friday 11:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 31, 2025 – 11:10AM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 7, 2025 – 11:10AM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 12, 2025 – 11:10AM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 21, 2025 – 11:10AM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 28, 2025 – 11:10AM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 14, 2025 – 11:10AM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 21, 2025 – 11:10AM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 28, 2025 – 11:10AM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 4, 2025 – 11:10AM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 11, 2025 – 11:10AM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 18, 2025 – 11:10AM

**Grade breakdown: Lab reports 100%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-08 General Physics II (Laboratory)**

**Location: Room 304, Friday 1:10-3:00pm**

**Report submission: Online by email to lab instructor by deadline listed in syllabus**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Rania Jones
Email	<a href="mailto:Rania.jones@bison.howard.edu">Rania.jones@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

**Important Note:** This course is fully online. Please complete your lab reports using the YouTube videos in the above link and submit your reports by the corresponding deadline. If the lab instructor requests it, you might be required to attend physically for the exams.

Schedule (subject to change)

**Deadline for lab report: Friday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 31, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 7, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 12, 2025 – 1:10PM
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Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 28, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 14, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 21, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 28, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 4, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 11, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 18, 2025 – 1:10PM

**Grade breakdown: Lab reports 100%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-09 General Physics II (Laboratory)**

**Location: Room 304, Monday 1:10-3:00pm**

**Report submission: Online by email to lab instructor by deadline listed in syllabus**

Course Instructor	Dr. Tibebu A. Getachew
Email	<a href="mailto:Tibebu.ayalew@howard.edu">Tibebu.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Lordina Asibey
Email	<a href="mailto:Lordina.Asibey@bison.howard.edu">Lordina.Asibey@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

**Important Note:** This course is fully online. Please complete your lab reports using the YouTube videos in the above link and submit your reports by the corresponding deadline. If the lab instructor requests it, you might be required to attend physically for the exams.

Schedule (subject to change)

**Deadline for lab report: Monday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 27, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 3, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 10, 2025 – 1:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 17, 2025 – 1:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 24, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 10, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 17, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 24, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	March 31, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 7, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 14, 2025 – 1:10PM

**Grade breakdown: Lab reports 100%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-10 General Physics II (Laboratory)**

**Location: Room 304, Thursday 3:10-5:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Tibebe A. Getachew
Email	<a href="mailto:Tibebe.ayalew@howard.edu">Tibebe.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Vishal Thakur
Email	<a href="mailto:Vishal.Thakur@bison.howard.edu">Vishal.Thakur@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Thursday 3:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 30, 2025 – 3:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 6, 2025 – 3:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 13, 2025 – 3:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 20, 2025 – 3:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 27, 2025 – 3:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 13, 2025 – 3:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 20, 2025 – 3:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 27, 2025 – 3:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 3, 2025 – 3:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 10, 2025 – 3:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 17, 2025 – 3:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-11 General Physics II (Laboratory)**

**Location: Room 304, Tuesday 3:10-5:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Tibebe A. Getachew
Email	<a href="mailto:Tibebe.ayalew@howard.edu">Tibebe.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Vishal Thakur
Email	<a href="mailto:Vishal.Thakur@bison.howard.edu">Vishal.Thakur@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Tuesday 3:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 28, 2025 – 3:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 4, 2025 – 3:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 11, 2025 – 3:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 18, 2025 – 3:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 25, 2025 – 3:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 11, 2025 – 3:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 18, 2025 – 3:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 25, 2025 – 3:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 1, 2025 – 3:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 8, 2025 – 3:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 15, 2025 – 3:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 002-12 General Physics II (Laboratory)**

**Location: Room 304, Friday 3:10-5:00pm**

**Report submission: Online by email to lab instructor by deadline listed in syllabus**

Course Instructor	Dr. Tibebu A. Getachew
Email	<a href="mailto:Tibebu.ayalew@howard.edu">Tibebu.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Rania Jones
Email	<a href="mailto:Rania.jones@bison.howard.edu">Rania.jones@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

**Important Note:** This course is fully online. Please complete your lab reports using the YouTube videos in the above link and submit your reports by the corresponding deadline. If the lab instructor requests it, you might be required to attend physically for the exams.

Schedule (subject to change)

**Deadline for lab report: Friday 3:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 31, 2025 – 3:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 7, 2025 – 3:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 12, 2025 – 3:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 21, 2025 – 3:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 28, 2025 – 3:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 14, 2025 – 3:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 21, 2025 – 3:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 28, 2025 – 3:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 4, 2025 – 3:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 11, 2025 – 3:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 18, 2025 – 3:10PM

**Grade breakdown: Lab reports 100%**



**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 023-01 Physics for Sci and Eng I (Laboratory)**

**Location: Room 305, Tuesday 1:10-3:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Yogesh Mahat
Email	<a href="mailto:Yogesh.Mahat@bison.howard.edu">Yogesh.Mahat@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Tuesday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Measurements	January 28, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Force Table	February 4, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Rectilinear Motion	February 11, 2025 – 1:10PM
Week 5	February 10, 2025	February 14, 2025	Atwood's Machine	February 18, 2025 – 1:10PM
Week 6	February 17, 2025	February 21, 2025	Ballistic Pendulum	February 25, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Rotation and Torque	March 11, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Simple Harmonic Motion	March 18, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Archimedes Principle	March 25, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Specific Heat of Solids	April 1, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Thermal Expansion	April 8, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Resonance in Air Columns	April 15, 2025 – 1:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 023-02 Physics for Sci and Eng I (Laboratory)**

**Location: Room 305, Thursday 3:10-5:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Yogesh Mahat
Email	<a href="mailto:Yogesh.Mahat@bison.howard.edu">Yogesh.Mahat@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Thursday 3:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Measurements	January 30, 2025 – 3:10PM
Week 3	January 27, 2025	January 31, 2025	Force Table	February 6, 2025 – 3:10PM
Week 4	February 3, 2025	February 7, 2025	Rectilinear Motion	February 13, 2025 – 3:10PM
Week 5	February 10, 2025	February 14, 2025	Atwood's Machine	February 20, 2025 – 3:10PM
Week 6	February 17, 2025	February 21, 2025	Ballistic Pendulum	February 27, 2025 – 3:10PM
Week 7	February 24, 2025	February 28, 2025	Rotation and Torque	March 13, 2025 – 3:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Simple Harmonic Motion	March 20, 2025 – 3:10PM
Week 10	March 17, 2025	March 21, 2025	Archimedes Principle	March 27, 2025 – 3:10PM
Week 11	March 24, 2025	March 28, 2025	Specific Heat of Solids	April 3, 2025 – 3:10PM
Week 12	March 31, 2025	April 4, 2025	Thermal Expansion	April 10, 2025 – 3:10PM
Week 13	April 7, 2025	April 11, 2025	Resonance in Air Columns	April 17, 2025 – 3:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 023-03 Physics for Sci and Eng I (Laboratory)**

**Location: Room 305, Friday 1:10-3:00pm**

**Report submission: Online by email to lab instructor by deadline listed in syllabus**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Yogesh Mahat
Email	<a href="mailto:Yogesh.Mahat@bison.howard.edu">Yogesh.Mahat@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

**Important Note:** This course is fully online. Please complete your lab reports using the YouTube videos in the above link and submit your reports by the corresponding deadline. If the lab instructor requests it, you might be required to attend physically for the exams.

Schedule (subject to change)

**Deadline for lab report: Friday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Measurements	January 31, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Force Table	February 7, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Rectilinear Motion	February 12, 2025 – 1:10PM
Week 5	February 10, 2025	February 14, 2025	Atwood's Machine	February 21, 2025 – 1:10PM
Week 6	February 17, 2025	February 21, 2025	Ballistic Pendulum	February 28, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Rotation and Torque	March 14, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Simple Harmonic Motion	March 21, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Archimedes Principle	March 28, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Specific Heat of Solids	April 4, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Thermal Expansion	April 11, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Resonance in Air Columns	April 18, 2025 – 1:10PM

**Grade breakdown: Lab reports 100%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 024-01 Physics for Sci and Eng II (Laboratory)**

**Location: Room 304, Wednesday 1:10-3:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Emmanuel Yakubu
Email	<a href="mailto:emmanuel.yakubu@bison.howard.edu">emmanuel.yakubu@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Wednesday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 29, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 5, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 12, 2025 – 1:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 19, 2025 – 1:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 26, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 12, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 19, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 26, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 2, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 9, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 16, 2025 – 1:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 024-02 Physics for Sci and Eng II (Laboratory)**

**Location: Room 305, Friday 1:10-3:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course Instructor	Dr. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

Lab Instructor	Sahil Pradhan
Email	<a href="mailto:Sahil.Pradhan@bison.howard.edu">Sahil.Pradhan@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Friday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Electric Field	January 31, 2025 – 1:10PM
Week 3	January 27, 2025	January 31, 2025	Wheatstone Bridge	February 7, 2025 – 1:10PM
Week 4	February 3, 2025	February 7, 2025	Ohm's Law	February 12, 2025 – 1:10PM
Week 5	February 10, 2025	February 14, 2025	RC Circuits	February 21, 2025 – 1:10PM
Week 6	February 17, 2025	February 21, 2025	External Magnetic Field	February 28, 2025 – 1:10PM
Week 7	February 24, 2025	February 28, 2025	Oscilloscope	March 14, 2025 – 1:10PM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Ray Tracing	March 21, 2025 – 1:10PM
Week 10	March 17, 2025	March 21, 2025	Refraction	March 28, 2025 – 1:10PM
Week 11	March 24, 2025	March 28, 2025	Focal Length of Lenses	April 4, 2025 – 1:10PM
Week 12	March 31, 2025	April 4, 2025	Diffraction	April 11, 2025 – 1:10PM
Week 13	April 7, 2025	April 11, 2025	Atomic Spectra	April 18, 2025 – 1:10PM

**Grade breakdown: Lab reports 90% | Attendance 10%**

**Howard University**  
**Department of Physics and Astronomy**  
**Spring 2025**

**Course: PHYS 007-01 Physics for Sci and Eng II (Laboratory)**

**Location: Room 207, Thursday 10:10am-12:00pm**

**Report submission: In-person to your lab instructor at the beginning of next lab**

Course/Lab Instructor	Dr. Tibebu A. Getachew
Email	<a href="mailto:Tibebu.ayalew@howard.edu">Tibebu.ayalew@howard.edu</a>
Office	Room 101

Lab Instructor	Vishal Thakur
Email	<a href="mailto:Vishal.Thakur@bison.howard.edu">Vishal.Thakur@bison.howard.edu</a>

**Lab Experiments:** <https://physics.howard.edu/undergraduate/general-physics-lab-experiments>

Schedule (subject to change)

**Deadline for lab report: Thursday 10:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Due Date
Week 1	January 13, 2025	January 17, 2025	Introduction	N/A
Week 2	January 20, 2025	January 24, 2025	Measurements	January 30, 2025 – 10:10AM
Week 3	January 27, 2025	January 31, 2025	Force Table	February 6, 2025 – 10:10AM
Week 4	February 3, 2025	February 7, 2025	Rectilinear Motion	February 13, 2025 – 10:10AM
Week 5	February 10, 2025	February 14, 2025	Atwood's Machine	February 20, 2025 – 10:10AM
Week 6	February 17, 2025	February 21, 2025	Archimedes' Principle	February 27, 2025 – 10:10AM
Week 7	February 24, 2025	February 28, 2025	Thermal Expansion	March 13, 2025 – 10:10AM
Week 8	March 3, 2025	March 7, 2025	SPRING BREAK	
Week 9	March 10, 2025	March 14, 2025	Electric Field	March 20, 2025 – 10:10AM
Week 10	March 17, 2025	March 21, 2025	Ohm's Law	March 27, 2025 – 10:10AM
Week 11	March 24, 2025	March 28, 2025	Ray Tracing	April 3, 2025 – 10:10AM
Week 12	March 31, 2025	April 4, 2025	Focal Length of Lenses	April 10, 2025 – 10:10AM
Week 13	April 7, 2025	April 11, 2025	Refraction	April 17, 2025 – 10:10AM

**Grade breakdown: Lab reports 90% | Attendance 10%**