

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 001-01 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. 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>

Schedule (subject to change)

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

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 3, 2024 – 3:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 10, 2024 – 3:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 17, 2024 – 3:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 24, 2024 – 3:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 1, 2024 – 3:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 8, 2024 – 3:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 15, 2024 – 3:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 22, 2024 – 3:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 29, 2024 – 3:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 5, 2024 – 3:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 12, 2024 – 3:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 001-02 General Physics 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. 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>

Schedule (subject to change)

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

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 5, 2024 – 3:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 12, 2024 – 3:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 19, 2024 – 3:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 26, 2024 – 3:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 3, 2024 – 3:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 10, 2024 – 3:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 17, 2024 – 3:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 24, 2024 – 3:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 31, 2024 – 3:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 7, 2024 – 3:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 14, 2024 – 3:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

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

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

**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	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 5, 2024 – 10:10AM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 12, 2024 – 10:10AM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 19, 2024 – 10:10AM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 26, 2024 – 10:10AM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 3, 2024 – 10:10AM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 10, 2024 – 10:10AM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 17, 2024 – 10:10AM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 24, 2024 – 10:10AM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 31, 2024 – 10:10AM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 7, 2024 – 10:10AM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 14, 2024 – 10:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

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

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

**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	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 3, 2024 – 10:10AM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 10, 2024 – 10:10AM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 17, 2024 – 10:10AM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 24, 2024 – 10:10AM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 1, 2024 – 10:10AM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 8, 2024 – 10:10AM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 15, 2024 – 10:10AM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 22, 2024 – 10:10AM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 29, 2024 – 10:10AM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 5, 2024 – 10:10AM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 12, 2024 – 10:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 001-05 General Physics I (Laboratory)**

**Location: Room 305, 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	Kevaughn 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: Tuesdays 6:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 3, 2024 – 6:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 10, 2024 – 6:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 17, 2024 – 6:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 24, 2024 – 6:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 1, 2024 – 6:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 8, 2024 – 6:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 15, 2024 – 6:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 22, 2024 – 6:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 29, 2024 – 6:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 5, 2024 – 6:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 12, 2024 – 6:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 001-06 General Physics I (Laboratory)**

**Location: Room 305, 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	Kevaughn 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: Thursdays 6:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 5, 2024 – 6:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 12, 2024 – 6:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 19, 2024 – 6:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 26, 2024 – 6:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 3, 2024 – 6:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 10, 2024 – 6:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 17, 2024 – 6:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 24, 2024 – 6:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 31, 2024 – 6:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 7, 2024 – 6:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 14, 2024 – 6:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 001-07 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. 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: Thursdays 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 5, 2024 – 1:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 12, 2024 – 1:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 19, 2024 – 1:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 26, 2024 – 1:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 3, 2024 – 1:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 10, 2024 – 1:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 17, 2024 – 1:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 24, 2024 – 1:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 31, 2024 – 1:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 7, 2024 – 1:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 14, 2024 – 1:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 001-08 General Physics I (Laboratory)**

**Location: Room 305, Wednesday 5:10-7:00pm**

**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	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>

Schedule (subject to change)

**Deadline for lab report: Wednesdays 5:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 4, 2024 – 5:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 11, 2024 – 5:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 18, 2024 – 5:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 25, 2024 – 5:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 2, 2024 – 5:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 9, 2024 – 5:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 16, 2024 – 5:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 23, 2024 – 5:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 30, 2024 – 5:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 6, 2024 – 5:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 13, 2024 – 5:10PM

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



**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 001-11 General Physics I (Laboratory)**

**Location: Room 305, Monday 11:10-1:00pm**

**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	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: Mondays 11:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 9, 2024 – 11:10AM
Week 3	September 2, 2024	September 6, 2024	Force Table <b>Labor Day</b> <b>Complete Online</b>	September 9, 2024 – 11:10AM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 16, 2024 – 11:10AM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 23, 2024 – 11:10AM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	September 30, 2024 – 11:10AM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 7, 2024 – 11:10AM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion <b>Mental Health Day</b> <b>Complete Online</b>	October 14, 2024 – 11:10AM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 21, 2024 – 11:10AM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 28, 2024 – 11:10AM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 13, 2024 – 11:10AM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 13, 2024 – 11:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

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

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

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

Course Instructor	Dr. Dragana Tankosic
Email	<a href="mailto:dragana.tankosic@howard.edu">dragana.tankosic@howard.edu</a>
Office	Room 202

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: Thursdays 10:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 5, 2024 – 10:10AM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge	September 12, 2024 – 10:10AM
Week 4	September 9, 2024	September 13, 2024	Ohm's Law	September 19, 2024 – 10:10AM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 26, 2024 – 10:10AM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	October 3, 2024 – 10:10AM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 10, 2024 – 10:10AM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing	October 17, 2024 – 10:10AM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 24, 2024 – 10:10AM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 31, 2024 – 10:10AM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 7, 2024 – 10:10AM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 14, 2024 – 10:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

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

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

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

Course Instructor	Dr. Dragana Tankosic
Email	<a href="mailto:dragana.tankosic@howard.edu">dragana.tankosic@howard.edu</a>
Office	Room 202

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: Tuesdays 10:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 3, 2024 – 10:10AM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge	September 10, 2024 – 10:10AM
Week 4	September 9, 2024	September 13, 2024	Ohm's Law	September 17, 2024 – 10:10AM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 24, 2024 – 10:10AM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	October 1, 2024 – 10:10AM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 8, 2024 – 10:10AM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing	October 15, 2024 – 10:10AM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 22, 2024 – 10:10AM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 29, 2024 – 10:10AM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 5, 2024 – 10:10AM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 12, 2024 – 10:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 002-03 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. Dragana Tankosic
Email	<a href="mailto:dragana.tankosic@howard.edu">dragana.tankosic@howard.edu</a>
Office	Room 202

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: Thursdays 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 5, 2024 – 1:10PM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge	September 12, 2024 – 1:10PM
Week 4	September 9, 2024	September 13, 2024	Ohm’s Law	September 19, 2024 – 1:10PM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 26, 2024 – 1:10PM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	October 3, 2024 – 1:10PM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 10, 2024 – 1:10PM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing	October 17, 2024 – 1:10PM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 24, 2024 – 1:10PM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 31, 2024 – 1:10PM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 7, 2024 – 1:10PM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 14, 2024 – 1:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

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

**Location: Room 304, Thursday 5:10-7:00pm**

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

Course Instructor	Dr. Dragana Tankosic
Email	<a href="mailto:dragana.tankosic@howard.edu">dragana.tankosic@howard.edu</a>
Office	Room 202

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: Thursdays 5:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 5, 2024 – 5:10PM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge	September 12, 2024 – 5:10PM
Week 4	September 9, 2024	September 13, 2024	Ohm's Law	September 19, 2024 – 5:10PM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 26, 2024 – 5:10PM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	October 3, 2024 – 5:10PM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 10, 2024 – 5:10PM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing	October 17, 2024 – 5:10PM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 24, 2024 – 5:10PM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 31, 2024 – 5:10PM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 7, 2024 – 5:10PM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 14, 2024 – 5:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

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

**Location: Room 305, Friday 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	Kevaughn 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: Fridays 3:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 6, 2024 – 11:10AM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 13, 2024 – 11:10AM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 20, 2024 – 11:10AM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 27, 2024 – 11:10AM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 4, 2024 – 11:10AM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 11, 2024 – 11:10AM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 18, 2024 – 11:10AM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 25, 2024 – 11:10AM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	November 1, 2024 – 11:10AM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 8, 2024 – 11:10AM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 15, 2024 – 11:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

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

**Location: Room 305, 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	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: Wednesdays 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 4, 2024 – 1:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 11, 2024 – 1:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 18, 2024 – 1:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 25, 2024 – 1:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 2, 2024 – 1:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 9, 2024 – 1:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 16, 2024 – 1:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 23, 2024 – 1:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 30, 2024 – 1:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 6, 2024 – 1:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 13, 2024 – 1:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 023-03 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: Tuesdays 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 3, 2024 – 1:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 10, 2024 – 1:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 17, 2024 – 1:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 24, 2024 – 1:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 1, 2024 – 1:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 8, 2024 – 1:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 15, 2024 – 1:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 22, 2024 – 1:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 29, 2024 – 1:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 5, 2024 – 1:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 12, 2024 – 1:10PM

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



**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 023-04 Physics for Sci and Eng I (Laboratory)**

**Location: Room 305, Wednesday 11:10-1:00pm**

**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	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>

Schedule (subject to change)

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

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 4, 2024 – 11:10AM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 11, 2024 – 11:10AM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 18, 2024 – 11:10AM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 25, 2024 – 11:10AM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 2, 2024 – 11:10AM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 9, 2024 – 11:10AM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 16, 2024 – 11:10AM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 23, 2024 – 11:10AM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 30, 2024 – 11:10AM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 6, 2024 – 11:10AM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 13, 2024 – 11:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 023-05 Physics for Sci and Eng I (Laboratory)**

**Location: Room 305, Monday 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: Mondays 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 9, 2024 – 1:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table <b>Labor Day: Complete Online</b>	September 9, 2024 – 1:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 16, 2024 – 1:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 23, 2024 – 1:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	September 30, 2024 – 1:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 7, 2024 – 1:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion <b>Mental Health Day: Complete Online</b>	October 14, 2024 – 1:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 21, 2024 – 1:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 28, 2024 – 1:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 13, 2024 – 1:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 13, 2024 – 1:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 023-06 Physics for Sci and Eng I (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	Kevaughn 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: Fridays 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 6, 2024 – 11:10AM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 13, 2024 – 11:10AM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 20, 2024 – 11:10AM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 27, 2024 – 11:10AM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 4, 2024 – 11:10AM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 11, 2024 – 11:10AM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 18, 2024 – 11:10AM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 25, 2024 – 11:10AM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	November 1, 2024 – 11:10AM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 8, 2024 – 11:10AM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 15, 2024 – 11:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 023-07 Physics for Sci and Eng I (Laboratory)**

**ONLINE COURSE**

**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: Wednesdays 5:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Measurements	September 4, 2024 – 5:10PM
Week 3	September 2, 2024	September 6, 2024	Force Table	September 11, 2024 – 5:10PM
Week 4	September 9, 2024	September 13, 2024	Rectilinear Motion	September 18, 2024 – 5:10PM
Week 5	September 16, 2024	September 20, 2024	Atwood's Machine	September 25, 2024 – 5:10PM
Week 6	September 23, 2024	September 27, 2024	Ballistic Pendulum	October 2, 2024 – 5:10PM
Week 7	September 30, 2024	October 4, 2024	Rotation and Torque	October 9, 2024 – 5:10PM
Week 8	October 7, 2024	October 11, 2024	Simple Harmonic Motion	October 16, 2024 – 5:10PM
Week 9	October 14, 2024	October 18, 2024	Archimedes Principle	October 23, 2024 – 5:10PM
Week 10	October 21, 2024	October 25, 2024	Specific Heat of Solids	October 30, 2024 – 5:10PM
Week 11	October 28, 2024	November 1, 2024	Thermal Expansion	November 6, 2024 – 5:10PM
Week 12	November 4, 2024	November 8, 2024	Resonance in Air Columns	November 13, 2024 – 5:10PM

**Grade breakdown:** Lab Reports 100%

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 024-01 Physics for Sci and Eng 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. 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: Tuesdays 3:10PM**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 3, 2024 – 3:10PM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge	September 10, 2024 – 3:10PM
Week 4	September 9, 2024	September 13, 2024	Ohm's Law	September 17, 2024 – 3:10PM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 24, 2024 – 3:10PM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	October 1, 2024 – 3:10PM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 8, 2024 – 3:10PM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing	October 15, 2024 – 3:10PM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 22, 2024 – 3:10PM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 29, 2024 – 3:10PM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 5, 2024 – 3:10PM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 12, 2024 – 3:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 024-02 Physics for Sci and Eng 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. Sidi Maiga
Email	<a href="mailto:sidi.maiga@howard.edu">sidi.maiga@howard.edu</a>
Office	Room 203, MW 5PM-6PM

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: Thursdays 3:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 5, 2024 – 3:10PM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge	September 12, 2024 – 3:10PM
Week 4	September 9, 2024	September 13, 2024	Ohm's Law	September 19, 2024 – 3:10PM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 26, 2024 – 3:10PM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	October 3, 2024 – 3:10PM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 10, 2024 – 3:10PM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing	October 17, 2024 – 3:10PM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 24, 2024 – 3:10PM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 31, 2024 – 3:10PM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 7, 2024 – 3:10PM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 14, 2024 – 3:10PM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 024-03 Physics for Sci and Eng II (Laboratory)**

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

**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: Wednesdays 11:10am**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 4, 2024 – 11:10AM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge	September 11, 2024 – 11:10AM
Week 4	September 9, 2024	September 13, 2024	Ohm's Law	September 18, 2024 – 11:10AM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 25, 2024 – 11:10AM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	October 2, 2024 – 11:10AM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 9, 2024 – 11:10AM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing	October 16, 2024 – 11:10AM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 23, 2024 – 11:10AM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 30, 2024 – 11:10AM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 6, 2024 – 11:10AM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 13, 2024 – 11:10AM

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

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 024-04 Physics for Sci and Eng II (Laboratory)**

**Location: Room 304, Monday 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	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: Mondays 3:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 9, 2024 – 3:10PM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge <b>Labor Day: Complete Online</b>	September 9, 2024 – 3:10PM
Week 4	September 9, 2024	September 13, 2024	Ohm's Law	September 16, 2024 – 3:10PM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 23, 2024 – 3:10PM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	September 30, 2024 – 3:10PM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 7, 2024 – 3:10PM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing <b>Mental Health Day: Complete Online</b>	October 14, 2024 – 3:10PM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 21, 2024 – 3:10PM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 28, 2024 – 3:10PM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 13, 2024 – 3:10PM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 13, 2024 – 3:10PM

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



**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 024-05 Physics for Sci and Eng II (Laboratory)**

**ONLINE COURSE**

**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	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: Thursdays 5:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Electric Field	September 5, 2024 – 5:10PM
Week 3	September 2, 2024	September 6, 2024	Wheatstone Bridge	September 12, 2024 – 5:10PM
Week 4	September 9, 2024	September 13, 2024	Ohm's Law	September 19, 2024 – 5:10PM
Week 5	September 16, 2024	September 20, 2024	RC Circuits	September 26, 2024 – 5:10PM
Week 6	September 23, 2024	September 27, 2024	External Magnetic Field	October 3, 2024 – 5:10PM
Week 7	September 30, 2024	October 4, 2024	Oscilloscope	October 10, 2024 – 5:10PM
Week 8	October 7, 2024	October 11, 2024	Ray Tracing	October 17, 2024 – 5:10PM
Week 9	October 14, 2024	October 18, 2024	Refraction	October 24, 2024 – 5:10PM
Week 10	October 21, 2024	October 25, 2024	Focal Length of Lenses	October 31, 2024 – 5:10PM
Week 11	October 28, 2024	November 1, 2024	Diffraction	November 7, 2024 – 5:10PM
Week 12	November 4, 2024	November 8, 2024	Atomic Spectra	November 14, 2024 – 5:10PM

**Grade breakdown:** Lab Reports 100%

**Howard University**  
**Department of Physics and Astronomy**  
**Fall 2024**

**Course: PHYS 025-01 Physics for Sci and Eng II (Laboratory)**

**ONLINE COURSE**

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

Course/Lab 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	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>

**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: Thursday 1:10pm**

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 19, 2024	August 23, 2024	Introduction	N/A
Week 2	August 26, 2024	August 30, 2024	Interferometry	September 5, 2024 – 1:10PM
Week 3	September 2, 2024	September 6, 2024	Index of Refraction	September 12, 2024 – 1:10PM
Week 4	September 9, 2024	September 13, 2024	Photoelectric Effect Lab#1	September 19, 2024 – 1:10PM
Week 5	September 16, 2024	September 20, 2024	Photoelectric Effect Lab#2	September 26, 2024 – 1:10PM
Week 6	September 23, 2024	September 27, 2024	Photoelectric Effect Lab#3	October 3, 2024 – 1:10PM
Week 7	September 30, 2024	October 4, 2024	Bragg Diffraction	October 10, 2024 – 1:10PM
Week 8	October 7, 2024	October 11, 2024	Double Slit Interference	October 17, 2024 – 1:10PM
Week 9	October 14, 2024	October 18, 2024	Mass-to-Charge Ratio	October 24, 2024 – 1:10PM

**Grade breakdown:** Lab Reports 100%