

Howard University
Department of Physics and Astronomy
Fall 2025

Course: PHYS 001-01 General Physics 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. Tibebe A. Getachew
Email	Tibebe.ayalew@howard.edu
Office	Room 101

Lab Instructor	Emmanuel Yakubu
Email	emmanuel.yakubu@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 2, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 9, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 16, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 23, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	September 30, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 7, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 14, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 21, 2025 – 1:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 28, 2025 – 1:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 4, 2025 – 1:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 11, 2025 – 1:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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

Location: Room 305, Thursday 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	Tibebe.ayalew@howard.edu
Office	Room 101

Lab Instructor	Millicent Cosmas
Email	millicentcosm@gmail.com

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

Schedule (subject to change)

Deadline for lab report: Thursdays 11:10AM

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 4, 2025 – 11:10AM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 11, 2025 – 11:10AM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 18, 2025 – 11:10AM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 25, 2025 – 11:10AM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 2, 2025 – 11:10AM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 9, 2025 – 11:10AM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 16, 2025 – 11:10AM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 23, 2025 – 11:10AM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 30, 2025 – 11:10AM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 6, 2025 – 11:10AM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 13, 2025 – 11:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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

Location: Room 305, Thursday 9:10-11:00am

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

Course Instructor	Dr. Tibebe A. Getachew
Email	Tibebe.ayalew@howard.edu
Office	Room 101

Lab Instructor	Chetanath Neupane
Email	chetanath.neupane@bison.howard.edu

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

Schedule (subject to change)

Deadline for lab report: Thursdays 9:10am

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 4, 2025 – 9:10AM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 11, 2025 – 9:10AM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 18, 2025 – 9:10AM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 25, 2025 – 9:10AM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 2, 2025 – 9:10AM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 9, 2025 – 9:10AM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 16, 2025 – 9:10AM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 23, 2025 – 9:10AM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 30, 2025 – 9:10AM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 6, 2025 – 9:10AM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 13, 2025 – 9:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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. Tibebe A. Getachew
Email	Tibebe.ayalew@howard.edu
Office	Room 101

Lab Instructor	Madison Jordan
Email	jordanmadison0588@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 2, 2025 – 10:10AM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 9, 2025 – 10:10AM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 16, 2025 – 10:10AM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 23, 2025 – 10:10AM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	September 30, 2025 – 10:10AM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 7, 2025 – 10:10AM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 14, 2025 – 10:10AM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 21, 2025 – 10:10AM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 28, 2025 – 10:10AM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 4, 2025 – 10:10AM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 11, 2025 – 10:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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

Location: Room 305, Tuesday 4:10-6:00pm

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

Course Instructor	Dr. Sidi Maiga
Email	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Yogesh Mahat
Email	Yogesh.Mahat@bison.howard.edu

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

Schedule (subject to change)

Deadline for lab report: Tuesdays 4:10pm

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 2, 2025 – 4:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 9, 2025 – 4:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 16, 2025 – 4:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 23, 2025 – 4:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	September 30, 2025 – 4:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 7, 2025 – 4:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 14, 2025 – 4:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 21, 2025 – 4:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 28, 2025 – 4:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 4, 2025 – 4:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 11, 2025 – 4:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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

Location: Room 305, Thursday 5:10-7:00pm

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

Course Instructor	Dr. Sidi Maiga
Email	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Wisdom Benson
Email	Wisdom.Benson@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 4, 2025 – 5:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 11, 2025 – 5:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 18, 2025 – 5:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 25, 2025 – 5:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 2, 2025 – 5:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 9, 2025 – 5:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 16, 2025 – 5:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 23, 2025 – 5:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 30, 2025 – 5:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 6, 2025 – 5:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 13, 2025 – 5:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Millicent Cosmas
Email	milicentcosm@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 4, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 11, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 18, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 25, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 2, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 9, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 16, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 23, 2025 – 1:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 30, 2025 – 1:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 6, 2025 – 1:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 13, 2025 – 1:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	Tibebe.ayalew@howard.edu
Office	Room 101

Lab Instructor	Kevaughn Johnson
Email	kevaughnkevinjohnson@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 3, 2025 – 5:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 10, 2025 – 5:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 17, 2025 – 5:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 24, 2025 – 5:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 1, 2025 – 5:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 8, 2025 – 5:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 15, 2025 – 5:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 22, 2025 – 5:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 29, 2025 – 5:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 5, 2025 – 5:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 12, 2025 – 5:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

Course: PHYS 001-09 General Physics I (Laboratory)

Location: Room 305, Mondays 4:10-6:00pm

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

Course Instructor	Dr. Tibebe A. Getachew
Email	Tibebe.ayalew@howard.edu
Office	Room 101

Lab Instructor	Yogesh Mahat
Email	Yogesh.Mahat@bison.howard.edu

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

Schedule (subject to change)

Deadline for lab report: Mondays 4:10pm

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 8, 2025 – 4:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table Labor Day Complete Online	September 8, 2025 – 4:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 15, 2025 – 4:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 22, 2025 – 4:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	September 29, 2025 – 4:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 13, 2025 – 4:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion Mental Health Day Complete Online	October 13, 2025 – 4:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 20, 2025 – 4:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 27, 2025 – 4:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 3, 2025 – 4:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 10, 2025 – 4:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

Course: PHYS 001-10 General Physics I (Laboratory)

Location: Room 305, Fridays 11:10-1:00AM

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

Course Instructor	Dr. Tibebe A. Getachew
Email	Tibebe.ayalew@howard.edu
Office	Room 101

Lab Instructor	Vishal Thakur
Email	Vishal.Thakur@bison.howard.edu

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

Schedule (subject to change)

Deadline for lab report: Fridays 11:10am

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 5, 2025 – 11:10AM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 12, 2025 – 11:10AM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 19, 2025 – 11:10AM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 26, 2025 – 11:10AM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 3, 2025 – 11:10AM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 10, 2025 – 11:10AM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 17, 2025 – 11:10AM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 24, 2025 – 11:10AM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 31, 2025 – 11:10AM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 7, 2025 – 11:10AM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 14, 2025 – 11:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	Tibebe.ayalew@howard.edu
Office	Room 101

Lab Instructor	Millicent Cosmas
Email	millicentcosm@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 8, 2025 – 11:10AM
Week 3	September 1, 2025	September 5, 2025	Force Table Labor Day Complete Online	September 8, 2025 – 11:10AM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 15, 2025 – 11:10AM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 22, 2025 – 11:10AM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	September 29, 2025 – 11:10AM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 13, 2025 – 11:10AM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion Mental Health Day Complete Online	October 13, 2025 – 11:10AM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 20, 2025 – 11:10AM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 27, 2025 – 11:10AM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 3, 2025 – 11:10AM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 10, 2025 – 11:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

Course: PHYS 001-12 General Physics I (Laboratory)

Location: Room 305, Fridays 5:10-7:00pm

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

Course Instructor	Dr. Sidi Maiga
Email	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Kevaughn Johnson
Email	kevaughnkevinjohnson@gmail.com

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

Schedule (subject to change)

Deadline for lab report: Fridays 5:10PM

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 5, 2025 – 5:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 12, 2025 – 5:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 19, 2025 – 5:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 26, 2025 – 5:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 3, 2025 – 5:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 10, 2025 – 5:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 17, 2025 – 5:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 24, 2025 – 5:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 31, 2025 – 5:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 7, 2025 – 5:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 14, 2025 – 5:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	dragana.tankosic@howard.edu
Office	Room 202

Lab Instructor	Madison Jordan
Email	jordanmadison0588@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 4, 2025 – 10:10AM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 11, 2025 – 10:10AM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 18, 2025 – 10:10AM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 25, 2025 – 10:10AM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	October 2, 2025 – 10:10AM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 9, 2025 – 10:10AM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 16, 2025 – 10:10AM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 23, 2025 – 10:10AM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 30, 2025 – 10:10AM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 6, 2025 – 10:10AM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 13, 2025 – 10:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	dragana.tankosic@howard.edu
Office	Room 202

Lab Instructor	Chetanath Neupane
Email	chetanath.neupane@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 2, 2025 – 10:10AM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 9, 2025 – 10:10AM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 16, 2025 – 10:10AM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 23, 2025 – 10:10AM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	September 30, 2025 – 10:10AM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 7, 2025 – 10:10AM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 14, 2025 – 10:10AM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 21, 2025 – 10:10AM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 28, 2025 – 10:10AM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 4, 2025 – 10:10AM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 11, 2025 – 10:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	dragana.tankosic@howard.edu
Office	Room 202

Lab Instructor	Wisdom Benson
Email	Wisdom.Benson@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 4, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 11, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 18, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 25, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	October 2, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 9, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 16, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 23, 2025 – 1:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 30, 2025 – 1:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 6, 2025 – 1:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 13, 2025 – 1:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	dragana.tankosic@howard.edu
Office	Room 202

Lab Instructor	Yogesh Mahat
Email	Yogesh.Mahat@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 4, 2025 – 5:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 11, 2025 – 5:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 18, 2025 – 5:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 25, 2025 – 5:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	October 2, 2025 – 5:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 9, 2025 – 5:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 16, 2025 – 5:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 23, 2025 – 5:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 30, 2025 – 5:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 6, 2025 – 5:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 13, 2025 – 5:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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

Location: Room 304, Monday 10:10-12:00pm

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

Course Instructor	Dr. Dragana Tankosic
Email	dragana.tankosic@howard.edu
Office	Room 202

Lab Instructor	Kevaghna Johnson
Email	kevaughnkevinjohnson@gmail.com

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

Schedule (subject to change)

Deadline for lab report: Mondays 10:10am

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 8, 2025 – 10:10AM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge Labor Day: Complete Online	September 8, 2025 – 10:10AM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 15, 2025 – 10:10AM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 22, 2025 – 10:10AM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	September 29, 2025 – 10:10AM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 13, 2025 – 10:10AM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing Mental Health Day: Complete Online	October 13, 2025 – 10:10AM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 20, 2025 – 10:10AM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 27, 2025 – 10:10AM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 3, 2025 – 10:10AM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 10, 2025 – 10:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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

Location: Room 304, Wednesday 5:10-7:00pm

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

Course Instructor	Dr. Dragana Tankosic
Email	dragana.tankosic@howard.edu
Office	Room 202

Lab Instructor	Yogesh Mahat
Email	Yogesh.Mahat@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 3, 2025 – 5:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 10, 2025 – 5:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 17, 2025 – 5:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 24, 2025 – 5:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	October 1, 2025 – 5:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 8, 2025 – 5:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 15, 2025 – 5:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 22, 2025 – 5:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 29, 2025 – 5:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 5, 2025 – 5:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 12, 2025 – 5:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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

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

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

Course Instructor	Dr. Dragana Tankosic
Email	dragana.tankosic@howard.edu
Office	Room 202

Lab Instructor	Wisdom Benson
Email	Wisdom.Benson@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 2, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 9, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 16, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 23, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	September 30, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 7, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 14, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 21, 2025 – 1:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 28, 2025 – 1:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 4, 2025 – 1:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 11, 2025 – 1:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

Course: PHYS 002-08 General Physics 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. Dragana Tankosic
Email	dragana.tankosic@howard.edu
Office	Room 202

Lab Instructor	Wisdom Benson
Email	Wisdom.Benson@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 3, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 10, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 17, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 24, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	October 1, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 8, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 15, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 22, 2025 – 1:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 29, 2025 – 1:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 5, 2025 – 1:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 12, 2025 – 1:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Chetanath Neupane
Email	chetanath.neupane@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 5, 2025 – 3:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 12, 2025 – 3:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 19, 2025 – 3:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 26, 2025 – 3:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 3, 2025 – 3:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 10, 2025 – 3:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 17, 2025 – 3:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 24, 2025 – 3:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 31, 2025 – 3:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 7, 2025 – 3:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 14, 2025 – 3:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Vishal Thakur
Email	Vishal.Thakur@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 3, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 10, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 17, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 24, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 1, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 8, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 15, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 22, 2025 – 1:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 29, 2025 – 1:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 5, 2025 – 1:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 12, 2025 – 1:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

Course: PHYS 023-03 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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Madison Jordan
Email	jordanmadison0588@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 4, 2025 – 3:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 11, 2025 – 3:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 18, 2025 – 3:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 25, 2025 – 3:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 2, 2025 – 3:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 9, 2025 – 3:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 16, 2025 – 3:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 23, 2025 – 3:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 30, 2025 – 3:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 6, 2025 – 3:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 13, 2025 – 3:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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

Location: Room 305, Wednesday 3:10-5:00pm

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

Course Instructor	Dr. Sidi Maiga
Email	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Emmanuel Yakubu
Email	emmanuel.yakubu@bison.howard.edu

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

Schedule (subject to change)

Deadline for lab report: Wednesdays 3:10PM

Week #	Week Starts	Week Ends	Laboratory Name	Report Due Date
Week 1	August 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 3, 2025 – 3:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 10, 2025 – 3:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 17, 2025 – 3:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 24, 2025 – 3:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 1, 2025 – 3:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 8, 2025 – 3:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 15, 2025 – 3:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 22, 2025 – 3:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 29, 2025 – 3:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 5, 2025 – 3:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 12, 2025 – 3:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Vishal Thakur
Email	Vishal.Thakur@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 8, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table Labor Day: Complete Online	September 8, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 15, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 22, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	September 29, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 13, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion Mental Health Day: Complete Online	October 13, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 20, 2025 – 1:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 27, 2025 – 1:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 3, 2025 – 1:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 10, 2025 – 1:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Emmanuel Yakubu
Email	emmanuel.yakubu@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 5, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 12, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 19, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 26, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 3, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 10, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 17, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 24, 2025 – 1:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 31, 2025 – 1:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 7, 2025 – 1:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 14, 2025 – 1:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Millicent Cosmas
Email	millicentcosm@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Measurements	September 3, 2025 – 5:10PM
Week 3	September 1, 2025	September 5, 2025	Force Table	September 10, 2025 – 5:10PM
Week 4	September 8, 2025	September 12, 2025	Rectilinear Motion	September 17, 2025 – 5:10PM
Week 5	September 15, 2025	September 19, 2025	Atwood's Machine	September 24, 2025 – 5:10PM
Week 6	September 22, 2025	September 26, 2025	Ballistic Pendulum	October 1, 2025 – 5:10PM
Week 7	September 29, 2025	October 3, 2025	Rotation and Torque	October 8, 2025 – 5:10PM
Week 8	October 6, 2025	October 10, 2025	Simple Harmonic Motion	October 15, 2025 – 5:10PM
Week 9	October 13, 2025	October 17, 2025	Archimedes Principle	October 22, 2025 – 5:10PM
Week 10	October 20, 2025	October 24, 2025	Specific Heat of Solids	October 29, 2025 – 5:10PM
Week 11	October 27, 2025	October 31, 2025	Thermal Expansion	November 5, 2025 – 5:10PM
Week 12	November 3, 2025	November 7, 2025	Resonance in Air Columns	November 12, 2025 – 5:10PM

Grade breakdown: Lab Reports 100%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Madison Jordan
Email	jordanmadison0588@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 2, 2025 – 3:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 9, 2025 – 3:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 16, 2025 – 3:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 23, 2025 – 3:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	September 30, 2025 – 3:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 7, 2025 – 3:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 14, 2025 – 3:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 21, 2025 – 3:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 28, 2025 – 3:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 4, 2025 – 3:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 11, 2025 – 3:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Chetanath Neupane
Email	chetanath.neupane@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 4, 2025 – 3:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 11, 2025 – 3:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 18, 2025 – 3:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 25, 2025 – 3:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	October 2, 2025 – 3:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 9, 2025 – 3:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 16, 2025 – 3:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 23, 2025 – 3:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 30, 2025 – 3:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 6, 2025 – 3:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 13, 2025 – 3:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Kevaughn Johnson
Email	kevaughnkevinjohnson@gmail.com

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 3, 2025 – 11:10AM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 10, 2025 – 11:10AM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 17, 2025 – 11:10AM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 24, 2025 – 11:10AM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	October 1, 2025 – 11:10AM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 8, 2025 – 11:10AM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 15, 2025 – 11:10AM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 22, 2025 – 11:10AM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 29, 2025 – 11:10AM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 5, 2025 – 11:10AM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 12, 2025 – 11:10AM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Emmanuel Yakubu
Email	emmanuel.yakubu@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 8, 2025 – 3:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge Labor Day: Complete Online	September 8, 2025 – 3:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 15, 2025 – 3:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 22, 2025 – 3:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	September 29, 2025 – 3:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 13, 2025 – 3:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing Mental Health Day: Complete Online	October 13, 2025 – 3:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 20, 2025 – 3:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 27, 2025 – 3:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 3, 2025 – 3:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 10, 2025 – 3:10PM

Grade breakdown: Lab Reports 90% | Attendance 10%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Vishal Thakur
Email	Vishal.Thakur@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Electric Field	September 4, 2025 – 5:10PM
Week 3	September 1, 2025	September 5, 2025	Wheatstone Bridge	September 11, 2025 – 5:10PM
Week 4	September 8, 2025	September 12, 2025	Ohm's Law	September 18, 2025 – 5:10PM
Week 5	September 15, 2025	September 19, 2025	RC Circuits	September 25, 2025 – 5:10PM
Week 6	September 22, 2025	September 26, 2025	External Magnetic Field	October 2, 2025 – 5:10PM
Week 7	September 29, 2025	October 3, 2025	Oscilloscope	October 9, 2025 – 5:10PM
Week 8	October 6, 2025	October 10, 2025	Ray Tracing	October 16, 2025 – 5:10PM
Week 9	October 13, 2025	October 17, 2025	Refraction	October 23, 2025 – 5:10PM
Week 10	October 20, 2025	October 24, 2025	Focal Length of Lenses	October 30, 2025 – 5:10PM
Week 11	October 27, 2025	October 31, 2025	Diffraction	November 6, 2025 – 5:10PM
Week 12	November 3, 2025	November 7, 2025	Atomic Spectra	November 13, 2025 – 5:10PM

Grade breakdown: Lab Reports 100%

Howard University
Department of Physics and Astronomy
Fall 2025

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	sidi.maiga@howard.edu
Office	Room 203, MW 5PM-6PM

Lab Instructor	Vishal Thakur
Email	Vishal.Thakur@bison.howard.edu

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 18, 2025	August 22, 2025	Introduction	N/A
Week 2	August 25, 2025	August 29, 2025	Interferometry	September 4, 2025 – 1:10PM
Week 3	September 1, 2025	September 5, 2025	Index of Refraction	September 11, 2025 – 1:10PM
Week 4	September 8, 2025	September 12, 2025	Photoelectric Effect Lab#1	September 18, 2025 – 1:10PM
Week 5	September 15, 2025	September 19, 2025	Photoelectric Effect Lab#2	September 25, 2025 – 1:10PM
Week 6	September 22, 2025	September 26, 2025	Photoelectric Effect Lab#3	October 2, 2025 – 1:10PM
Week 7	September 29, 2025	October 3, 2025	Bragg Diffraction	October 9, 2025 – 1:10PM
Week 8	October 6, 2025	October 10, 2025	Double Slit Interference	October 16, 2025 – 1:10PM
Week 9	October 13, 2025	October 17, 2025	Mass-to-Charge Ratio	October 23, 2025 – 1:10PM

Grade breakdown: Lab Reports 100%