Institutional Student Learning Outcomes   **Physics Program**

Hagerstown Community College students will be prepared to:

Learning Outcomes	Demonstrated By	Related Activity Examples
1. Demonstrate personal and social responsibility by practicing responsible citizenship, being open to new ideas, and experiencing cultural diversity	Civic Engagement Financial responsibility Collaboration/teamwork Ethical reasoning and action Humanitarianism, Involvement in campus life Healthy Lifestyle	Regular class attendance and meeting required due dates for class assignments Complete required Humanities and diversity requirements for the degree program STEM Club Cooperative work with lab partners in laboratory components of courses Adhering to safety requirements for laboratory activities Discussion of social responsibilities of Science and technology professionals
2. Practice intellectual and practical skills such as critical and independent thinking, effective communication, and knowledge acquisition and application	Academic success Involvement in campus life Integration of digital resources into learning experiences Information Literacy	Completion of Physics program Use of MSExcel (including graphing and graphical analysis) and MSWord for completion of laboratory activities and reports Accessing course content using Moodle Solving problems using higher cognitive levels: application, analysis, synthesis, and evaluation.
3. Demonstrate self-direction, persistence and lifelong learning	Develop/achieve college goals Application of knowledge, skills, and responsibilities to future situations	Complete rigorous courses: examples: MAT 203/204, PHY 203/204/205 etc. Use college resources to self-advise using Web Advisor Transfer to upper division program

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