

# **COURSE OUTLINE**

**HMDV-261**

**STEM Seminar IV**

**1 Credit**

## **HOWARD COMMUNITY COLLEGE**

### **Description**

The focus of the final semester of the STEM Learning Community seminars is “Your Time to Shine”. The seminars will include additional workshops on giving oral and written presentations and understanding the role of Statistics in the Sciences. Students will participate in preparing and presenting at a poster session on a topic from one of their advanced courses. Opportunities will also be available to participate in a mentorship program. (1.5 hours weekly)

### **Overall Course Objectives**

Upon completion of this course the student will be able to:

1. Demonstrate the use of brainstorming to solve problems.
2. Effectively use technology in presentations
3. Find and cite online journals, academic websites and databases related to the sciences as needed for a presentation.
4. Explain an advanced topic to a person schooled in the sciences.

### **Major Topics**

- I. Use of Statistics
- II. Ethics in the Sciences
- III. Good Oral and Written Presentations
- IV. Communication
- V. Effective Use of Technology in a Presentation
- VI. Careers in the Sciences

### **Course Requirements**

1. Participation in the mandatory field trip(s).
2. Understand the possibility of networking professionally online.
3. Completion of the journal.
4. Participation in a poster session highlighting an advanced topic.

### **Other Course Information**

This course is for members of the STEM Learning Community.