**South Carolina General Assembly**

124th Session, 2021-2022

**H. 4578**

**STATUS INFORMATION**

General Bill

Sponsors: Reps. Gilliard and Bennett

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Introduced in the House on January 11, 2022

Currently residing in the House Committee on **Education and Public Works**

Summary: Advanced Manufacturing and Pilotage Instruction

**HISTORY OF LEGISLATIVE ACTIONS**

Date Body Action Description with journal page number

11/17/2021 House Prefiled

11/17/2021 House Referred to Committee on **Education and Public Works**

1/11/2022 House Introduced and read first time ([House Journal‑page 59](file:///h:\hj\20220111.docx))

1/11/2022 House Referred to Committee on **Education and Public Works** ([House Journal‑page 59](file:///h:\hj\20220111.docx))

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**VERSIONS OF THIS BILL**

[11/17/2021](file:///p:\pprever\2021-22\4578_20211117.docx)

**A** **BILL**

TO AMEND THE CODE OF LAWS OF SOUTH CAROLINA, 1976, BY ADDING SECTION 59‑29‑250 SO AS TO REQUIRE ONE UNIT OF INSTRUCTION IN ADVANCED MANUFACTURING BE OFFERED IN MIDDLE SCHOOLS AND HIGH SCHOOLS; BY ADDING SECTION 59‑29‑260 SO AS TO REQUIRE ONE UNIT OF INSTRUCTION IN HARBOR PILOTAGE BE OFFERED IN MIDDLE SCHOOLS AND HIGH SCHOOLS; AND TO PROVIDE THE INSTRUCTION PROVIDED IN THIS ACT MUST BE OFFERED BEGINNING WITH THE 2023‑2024 SCHOOL YEAR.

Be it enacted by the General Assembly of the State of South Carolina:

SECTION 1. Article 1, Chapter 29, Title 59 of the 1976 Code is amended by adding:

“Section 59‑29‑250. (A) Every school district shall provide one unit of elective instruction in advanced manufacturing that school districts shall offer in middle schools and high schools, the purpose of which is to provide students with the skills needed to successfully adapt to evolutions in advanced manufacturing resulting from the continuous adoption of emerging, innovative technology.

(B) For the purposes of this chapter, ‘advanced manufacturing’ means a collection of activities that: (1) depends on the use and coordination of information, automation, computation, software, sensing, and networking; and (2) makes use of cutting edge materials and emerging capabilities enabled by the physical and biological sciences, such as nanotechnology, chemistry, and biology. Advanced manufacturing involves both new ways to manufacture existing products and the manufacture of new products emerging from new advanced technologies. Advanced manufacturing encompasses all aspects of manufacturing, including the ability to quickly respond to customer needs through innovations in production processes and innovations in the supply chain.”

SECTION 2. Article 1, Chapter 29, Title 59 of the 1976 Code is amended by adding:

“Section 59‑29‑260. The State Board of Education shall provide one unit of instruction in harbor pilotage that school districts shall offer in middle schools and high schools as an elective course, the purpose of which is to provide students with an understanding of harbor pilotage as a career and have the skills to serve in an entry‑level position in the field. Instruction in harbor pilotage must include an overview of harbor pilotage and of the process required to become a licensed harbor pilot in this State. The curriculum must be developed cooperatively by the State Department of Education, the Commissioners for Pilotage for the Upper Coastal Area, and the Commissioners for Pilotage for the Lower Coastal Area. Districts may provide the instruction virtually.”

SECTION 3. This instruction must be offered beginning with the 2023‑2024 School Year.

SECTION 4. This act takes effect upon approval of the Governor.

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