

**VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
(Agency 208)**

Capital Project Budget Amendment Proposal

Repair Derring Hall Envelope

	<u>2024-25</u>	<u>2025-26</u>
Additional Funds Requested:		
General Fund	\$16,830,000	\$0
Nongeneral Fund	\$0	\$0

This project is a top-priority Deferred Maintenance project that is necessary for prolonging the life of an existing asset and will repair the envelope of Derring Hall in order to maximize its service life and ensure uninterrupted service for undergraduate science instruction. This capital request includes envelope improvements for Derring Hall, which was originally constructed in 1969. This facility is the core to the university's undergraduate science academic program, with over 208,000 gross square feet of classrooms, offices, and lab space to provide instruction in Biology and Geosciences.

This project will renovate the envelope of Derring Hall in order to extend the lifespan of the facility by an estimated 25 years.

The focus of this request is envelope repair that is beyond the scope of normal maintenance reserve and would not be addressed as part of other capital projects. With a Facility Condition Index score of 55 percent, the envelope is progressively deteriorating with accelerating moisture damage.

Derring Hall is an essential building to deliver required undergraduate courses to students; however, the building is at risk because of significant spalling, delamination, and cracking of the exterior concrete walls, columns, parapets, and window sealants. A recent engineering study documented over 330 spalls, some as large as six square feet.

The university commissioned a consultant study that shows the necessary long-term repair solution is to remove the loose concrete and install an overclad system to confine future spalls and protect the building from future moisture damage.

This request is for \$16.83 million to repair the building envelope for Derring Hall. The funding plan calls for General Fund support for this 100% academic E&G building.