

 **PORTLAND, ME**

zip-
laminators

Case Study

**UNIVERSITY OF SOUTHERN MAINE CAREER & STUDENT
SUCCESS CENTER**

PROJECT OVERVIEW:

In 2022, Zip-O-Laminators contributed to the construction of the University of Southern Maine's Career and Student Success Center, a key project aligned with the university's goal of **achieving carbon neutrality by 2040**.

This 42,000-square-foot, three-story building serves as a hub for students, faculty, employers, and the community. It is a hybrid structure combining steel and timber, with 17,000 square feet made entirely of mass timber.



PROJECT DESIGN & IMPLEMENTATION:

Timberlab provided design-build services for the mass timber structure.

Zip-O-Laminators supplied **FSC-certified glulam beams and columns.**

Due to the complex integration of steel and wood, precision was paramount, requiring sophisticated **CNC-fabricate** connections.

Zip-O-Laminators' capabilities in custom glulam fabrication, especially for hybrid structures, played a vital role in the project's success.



CHALLENGES & SOLUTIONS

During construction, unforeseen issues with some beams required quick replacements to avoid delays.

Zip-O-Laminators responded swiftly by producing four additional beams in **less than a week**, ensuring that the project stayed on schedule.



RESULTS

The Career & Student Success Center was completed on time and is certified to the USGBC LEED standard. The building represents a significant step forward in USM's sustainability goals while offering an environmentally conscious alternative to traditional construction methods.

This project showcases Zip-O-Laminators' expertise in mass timber construction and their ability to meet tight schedules with high-quality custom glulam solutions.