



CALL FOR PROPOSAL

**UBC
MANUFACTURING
ENGINEERING**

CAPSTONE PROJECTS



THE UNIVERSITY OF BRITISH COLUMBIA
Manufacturing Engineering

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The Manufacturing Engineering (MANU) Program is the Faculty of Applied Science's newest undergraduate program. Students in the MANU program gain broad exposure to foundational engineering disciplines, training across a range of major manufacturing processes and platforms, and understanding of modern production management and manufacturing practices. These include newly emerging practices in digital modelling, virtual machining, additive manufacturing and composites. The program is hosted by the Materials Engineering Department and Mechanical Engineering Department at UBC Vancouver, drawing on the skills and expertise of both departments.

About Capstone:

In the Manufacturing Engineering Capstone course, teams of 3-5 senior students work on industry-relevant projects proposed by Capstone partners, including industry and academic organizations. Each team is supervised by a faculty member who provides technical and managerial guidance, promoting best practices within each team. As a sponsor and partner, you are the client.

To learn more, visit the Manufacturing Engineering Program [website](#)

Call for Proposals:

Capstone is an 8-month long, 6 credit course extending from September through April. Each student team is paired with at least one MANU instructor who provides technical and managerial support for the team. A company may submit as many project proposals as they wish. Proposals must be relevant to manufacturing engineering and include a design element.

The submission deadline is July 31, 2024. Students at UBCV and optionally UBCO will bid on projects over the summer with final project allocations completed by September 15, 2024. Companies with successful proposals will be contacted by student teams to initiate the project.

TO SUBMIT A PROPOSAL FOR CAPSTONE, PLEASE FILL OUT OUR PROJECT PROPOSAL [FORM](#).

*Questions may be directed to our Capstone coordinators, [Dr. Christoph Sielmann](#) or [Dr. Casey Keulen](#).