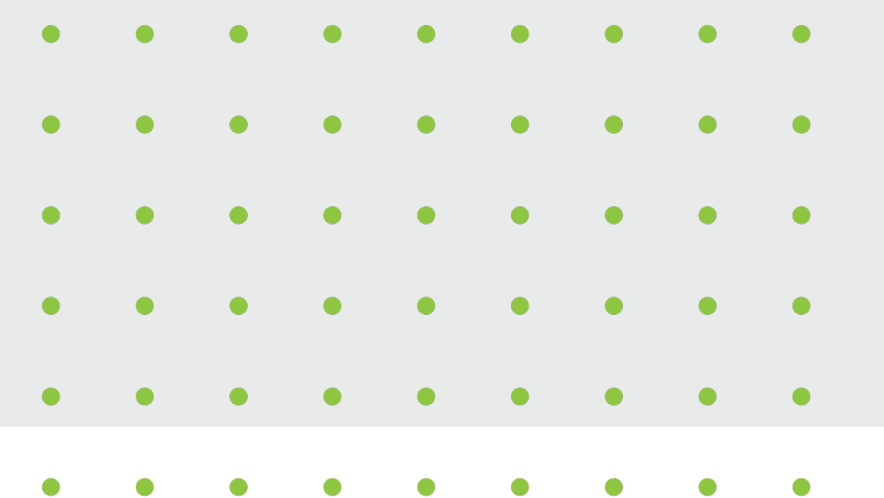




Nova Scotia Community College

nscc



Presented by:
Dwayne MacLeod
Manager Industry Partnerships

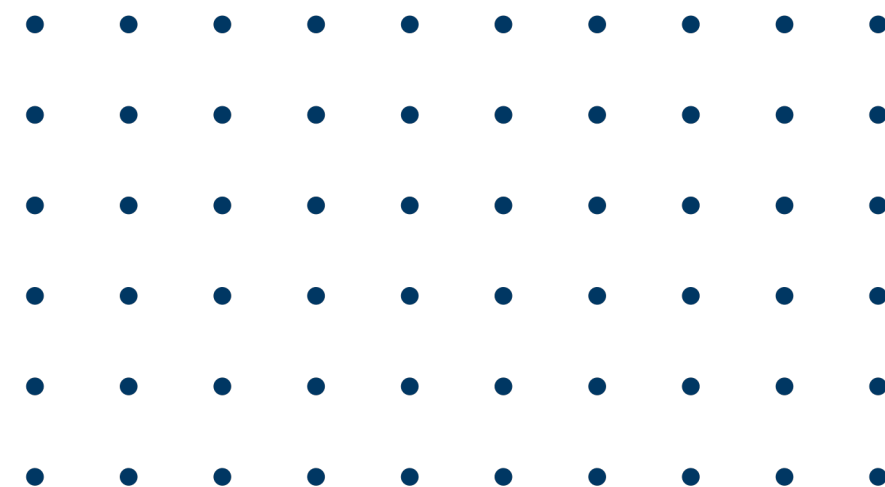
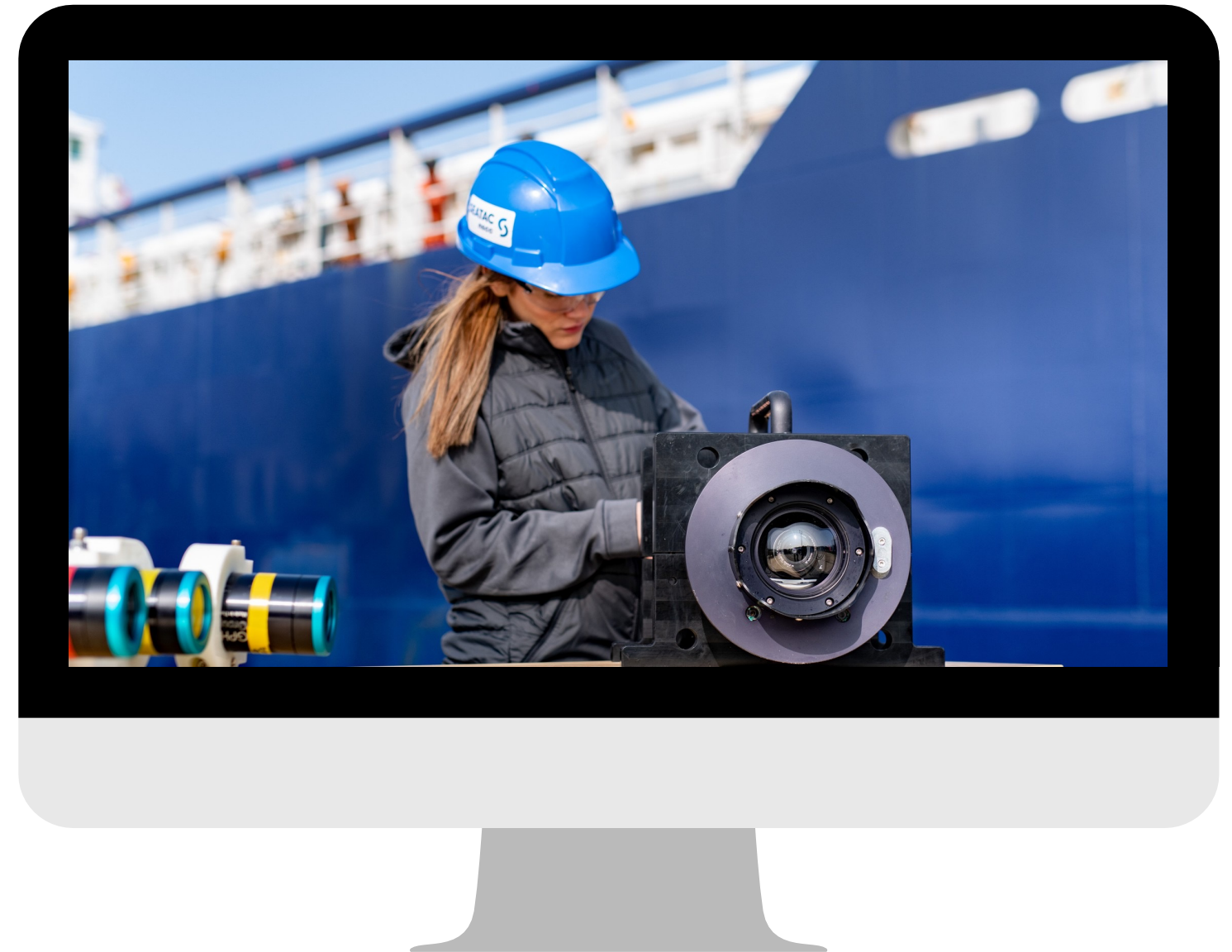
- 13 campuses + eCampus
- 130+ programs
- 6 Applied Research labs
- Pre-approved 100 Mitacs projects
- \$4m in R & D in 2022-23



Proud to be a Military-connected college

1. R & D Capabilities

- **Energy Lab**
 - Battery tech, micro-grid, vessel hybridization
- **Engineered Technologies**
 - 3D metal; prototype; robotics; automation
- **IT**
 - Cyber, AI, machine learning
- **Geomatics**
 - Drones, Lidar, mapping (topo, bathy)
- **SEATAC**
 - Sensors, data analytics
 - Rosborough RHB research vessel



CANADA'S TOP
50
RESEARCH
COLLEGES

2. Skill Development Capabilities

- Pathways to Shipbuilding
- Marine Essentials courses



Example

Marine Essentials

8 credit courses

Specific to marine, aerospace and defence

In-person, hybrid and asynchronous

1. Marine Essentials for Shipbuilding Trades
2. Marine Essentials for Shipbuilding Technologies
3. Integrated Logistics Support
4. Introduction to Project Controls
5. Accuracy Control
6. Supply Chain Management
7. Production Planning & Scheduling
8. Configuration Information Management

Our Key Industrial Capabilities (KICs)



Training and
simulation



Remotely
piloted
systems and
autonomous
technologies



Sonar and
acoustic
systems



Advanced
materials



Clean
technology



Artificial
intelligence



Cyber
resilience

We're looking for partners:

- SMBs
- Defence contractors w. ITB obligations



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