



# Freshwater Research & Innovation Center

THE EPICENTER FOR  
FRESHWATER  
RESEARCH, INDUSTRY &  
INNOVATION



Northwestern  
Michigan College





# Northwestern Michigan College – Who are we?

## VISION:

*National Leader* in Academic, professional development, and technical services in the Marine, Freshwater, and geospatial environments



**GREAT LAKES  
WATER STUDIES  
INSTITUTE**



▶ The first & only bachelor's of science degree in Marine Technology



Academic Programs  
Professional Development  
Research & Technical Services  
International Programs



# Northwestern Michigan College – Who are we?

## Academic Programs

### *Marine Technology*

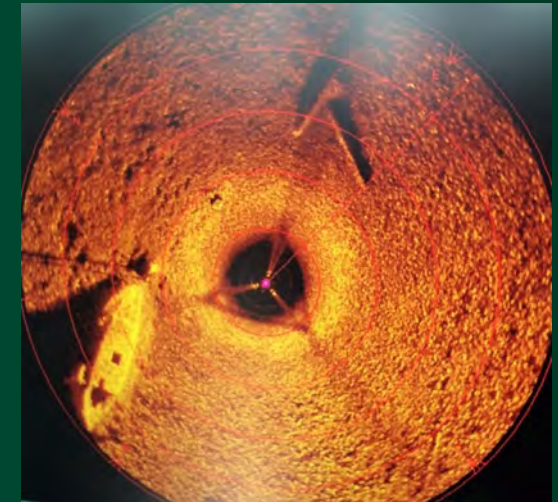
- *Bachelor of Science*
- *Associates degree*

### *Freshwater Studies*

- *Associates degree*

### *Water Quality Environmental Technician*

- *Associates degree*







# Northwestern Michigan College – Who are we?

## Lakebed 2030 Conference



## Innovation Challenge

**MAKE WAVES FOR CHANGE**  
**TAKE ON THE CHALLENGE.**

- PFAS
- Microplastic
- Nutrient Cycling
- Lead Contamination







# Freshwater Research & Innovation Center

**VISION:** Center for education, research, development, and commercialization of freshwater and marine technologies and their applications affecting the Great Lakes and freshwater systems

**DEVELOPMENT:**

- ~75,000 Total Square feet
- Multiphase program
- ~ \$20MM in secured funding
- Target Phase 1 completion: early 2027



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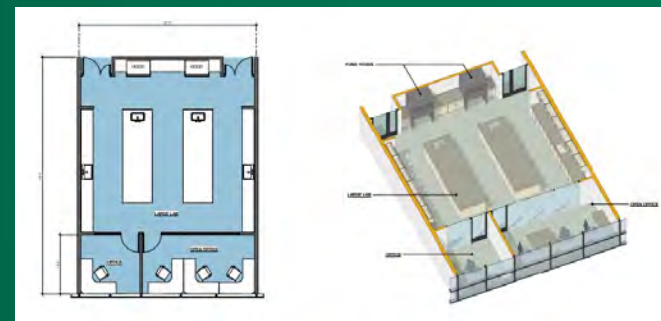
## Areas of Focus

1. Autonomous and Remote Freshwater and marine technologies
2. Great Lakes modeling
3. Emerging Technologies & Innovation
4. Economic Development
5. Public engagement & education on the economic value, importance, and protection of the Great Lakes





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# Thank you.

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