

SENSE Enterprise

INFO SESSION

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Great Lakes Research Center
Michigan Technological University

Meet the SENSE team
Overview of current projects
Learn about DoD civilian opportunities
Tour of the Great Lakes Research Center

Why it makes *sense* for you to join:

- All majors are welcome!
- Design, build, test systems with Naval Application focuses
- Work with the Department of Defense (DoD) sponsors.
- Gain teamwork, communication and hands-on project experience while improving soft skills.

application details on the



PROJECTS THIS YEAR:

MECC (The Marine Energy Collegiate Competition)

Advance the marine energy industry through competition with other collegiate teams. Design, Prototype, and test a Wave Energy Converter in the MTU wave tank.

RAUB

Modify a BlueROV2 to develop robust autonomy in a tethered underwater vehicle involving sensors, localization, mapping, and path planning..

OISTAR

Ocean Infinity Subaquatic Terrain Autonomous Research
Implementing a Sound Velocity Profiler to an 8m Ocean Infinity ASV for lakebed mapping and research

MEOWS

Mechatronic Electro-Optical Warehouse Systems. Using an "Off the shelf" vision hardware module to detect where a forklift is relative to its surroundings while visualizing itself in a virtual workplace.



NEEC

Evaluate the reliability/security vulnerabilities in an autonomous marine vessel system and design a systematic solution.

It makes *SENSE* to apply....

Application Requirements

- Updated/Current Resume
- 3 Paragraph Cover Letter
 - Prior Experiences and Interests
 - Why You Want To Join SENSE Enterprises
 - What You Expect To Contribute and Gain From SENSE



Submission Details

- Fill out the google form through the QR code
- Please send your resume to sense@mtu.edu
 - Subject: *YOUR_NAME_RESUME*
- Any questions feel free to email rjlater@mtu.edu

Note: the specific subject line and file naming is to ensure that your application email and application files don't get lost in the email inbox/documents.

We will email you with our decision. If accepted into SENSE, you will receive further details on how to register for the enterprise class.

Questions? Reach out!

- RJ Slater (Program Manager)
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- Dr. Timothy Havens (Advisor)
thavens@mtu.edu



Stay updated!

Join our email list (see QR code above)

