

ENGINEERING TECHNOLOGY

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Engineering Technology Program

ENGINEERING TECHNOLOGY - NMC

- ▶ Broad based curriculum
- ▶ Defined general education requirements
- ▶ Diverse applied technical courses
- ▶ Technical specialization in areas of interest

- Marine Technology
- Unmanned Aerial Systems
- Unmanned Ground Vehicles

- Robotics & Automation Technology
- Electronics Technology
- Photonics Technology
- Computer Technology



ENGINEERING TECHNOLOGY - NMC

PROGRAM CURRICULUM

General Education

- Defined curriculum
- 22 transferable credits

Core Technical Courses

- 22 credits of core technical courses

Seven Program Specialization

- 19 plus credits in technical courses



ENGINEERING TECHNOLOGY - NMC

PROGRAM CURRICULUM GENERAL EDUCATION – CORE TECHNICAL

Core Technical Requirements			22 Credits
EET	102	Intro Engineering Technology	2
DD	170	Computer Modeling	4
MFG	103	Manufacturing Processes	3
MFG	104	Fluid Power	4
EET	103	Electrical Studies I	3
CIT	110	Programming Logic & Design	3
RAM	120	Robotics & Automation	3

General Education Requirements			26 Credits
ENG	111	English Composition	4
ENG	112	English Composition	4
MTH	121	College Algebra	4
GEO	115	Intro to GIS	3
PHL	105	Critical Thinking	3
Physics / Chemistry Course (Group I)			4

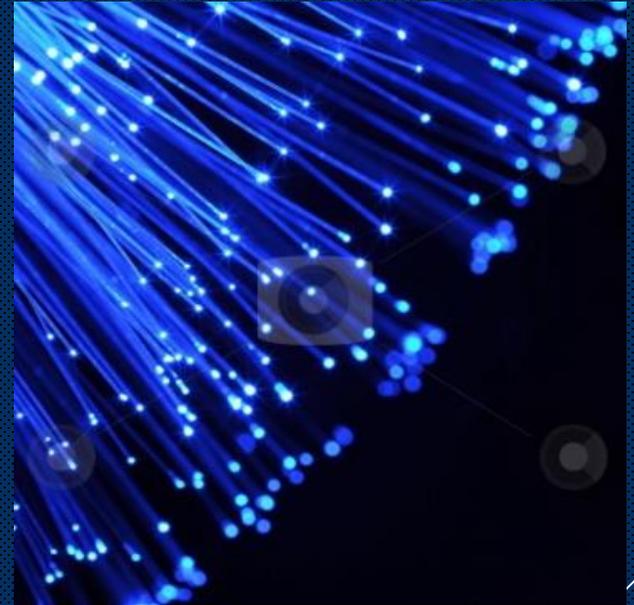


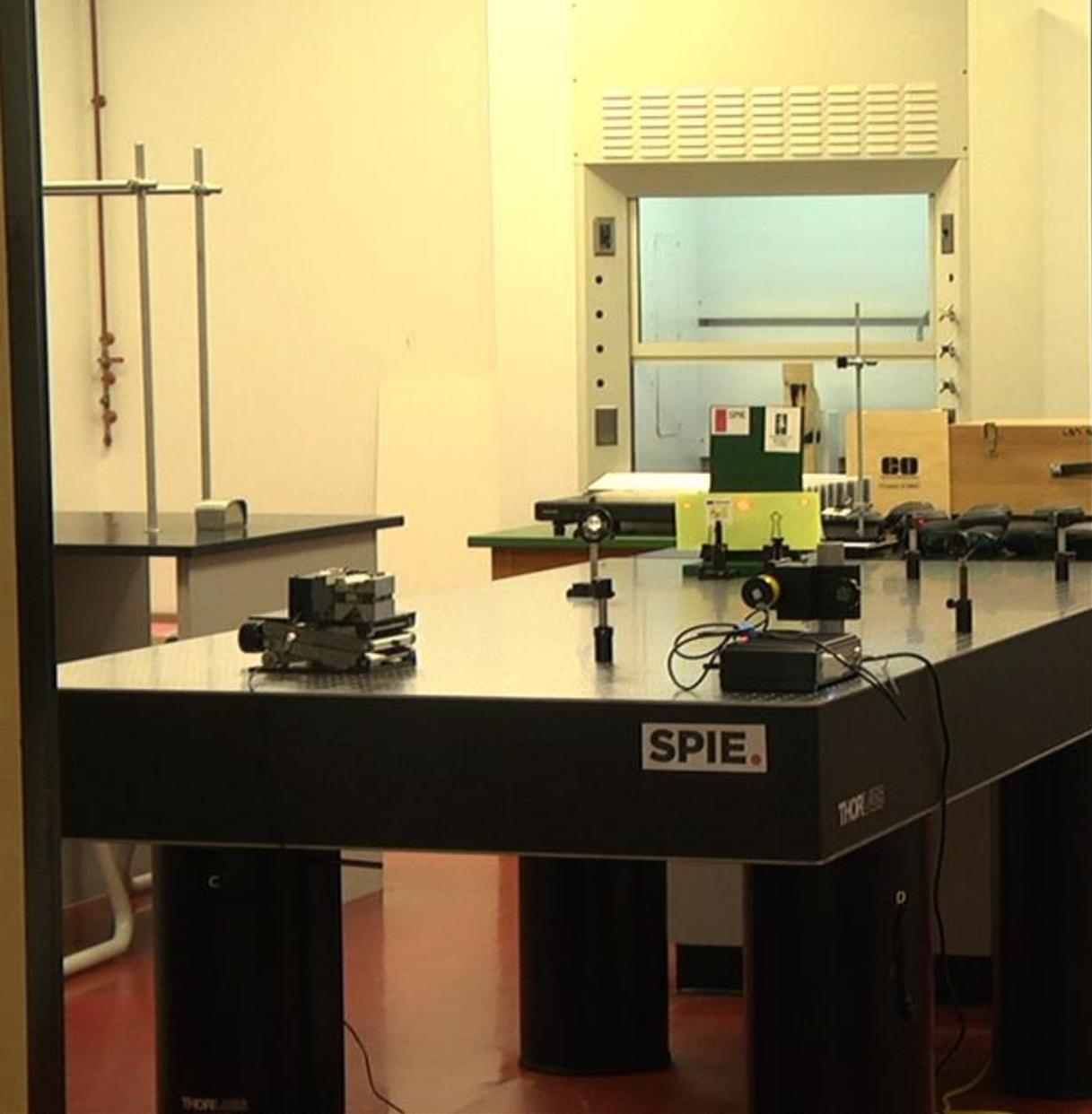
ENGINEERING TECHNOLOGY

Photonics (Lights & Lasers)

Course Listing

- Fundamentals of Lights & Lasers
- Elements of Photonics
- Basic Metallurgy
- Electrical Studies II
- Industrial Controls
- Systems Engineering in Practice





Materials
Physics / Chemistry
110



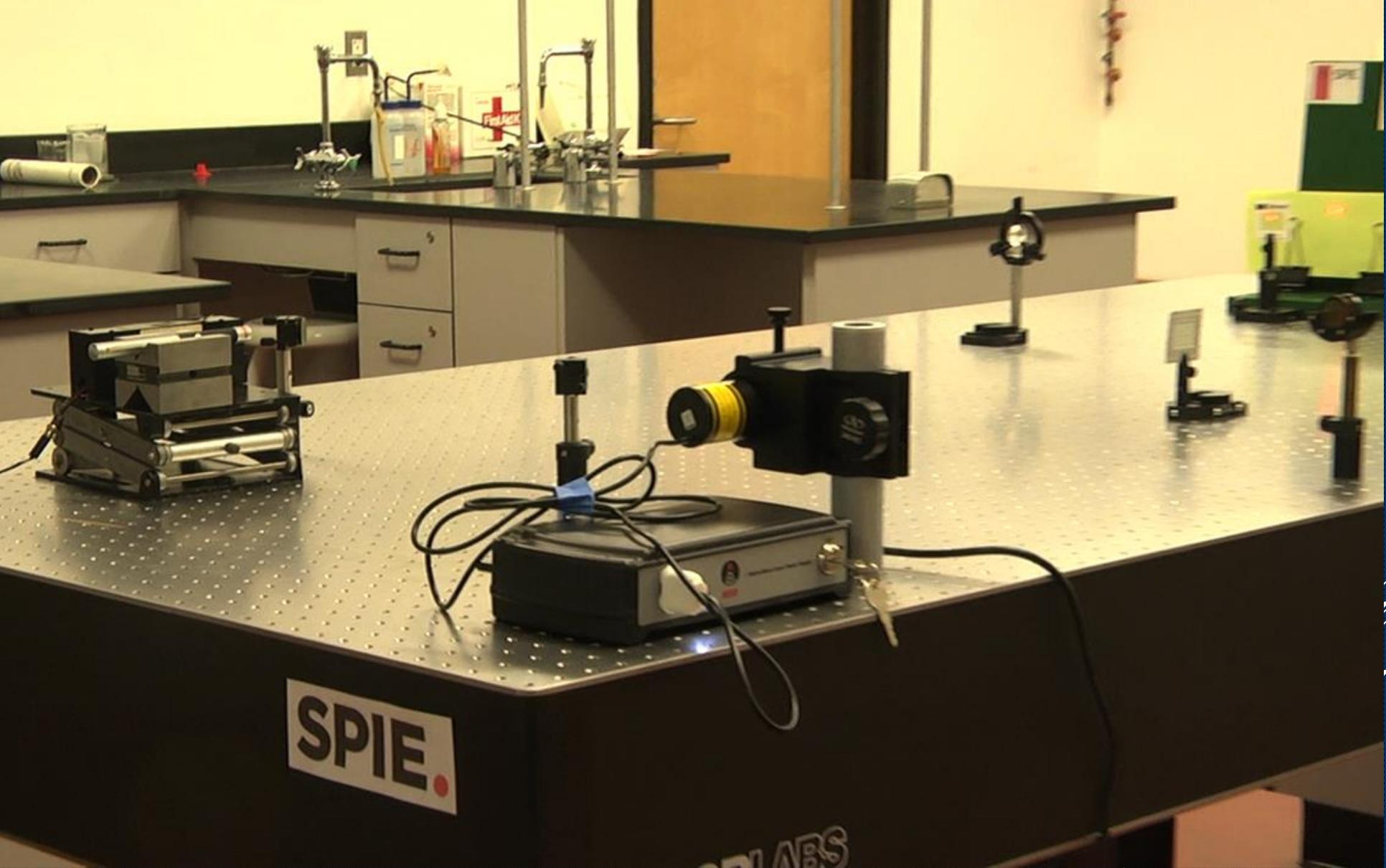
DANGER



**LASER
BEAM**

KNOCK BEFORE ENTERING





SPIE.

LABS



Engineering Technology Program



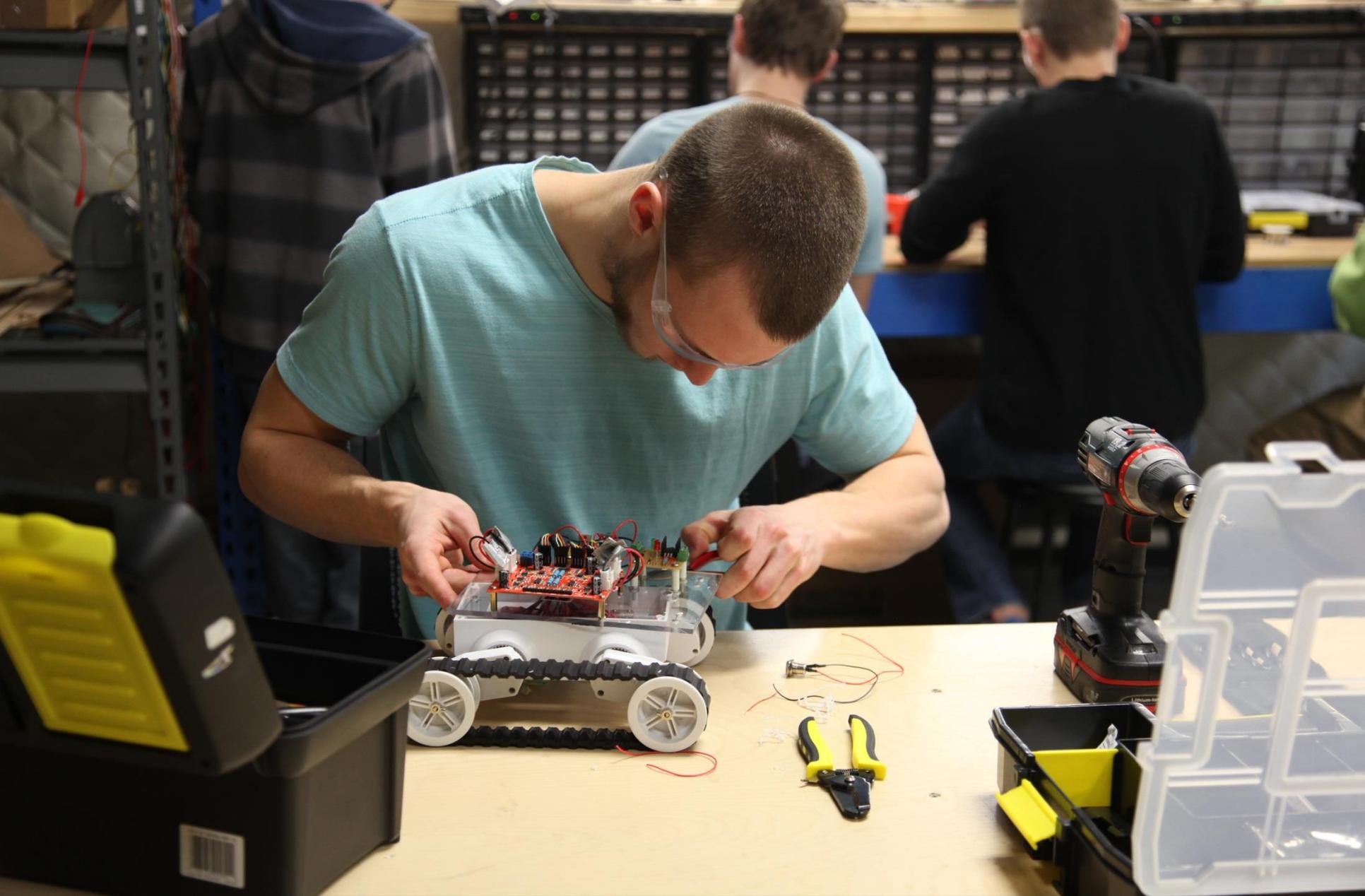


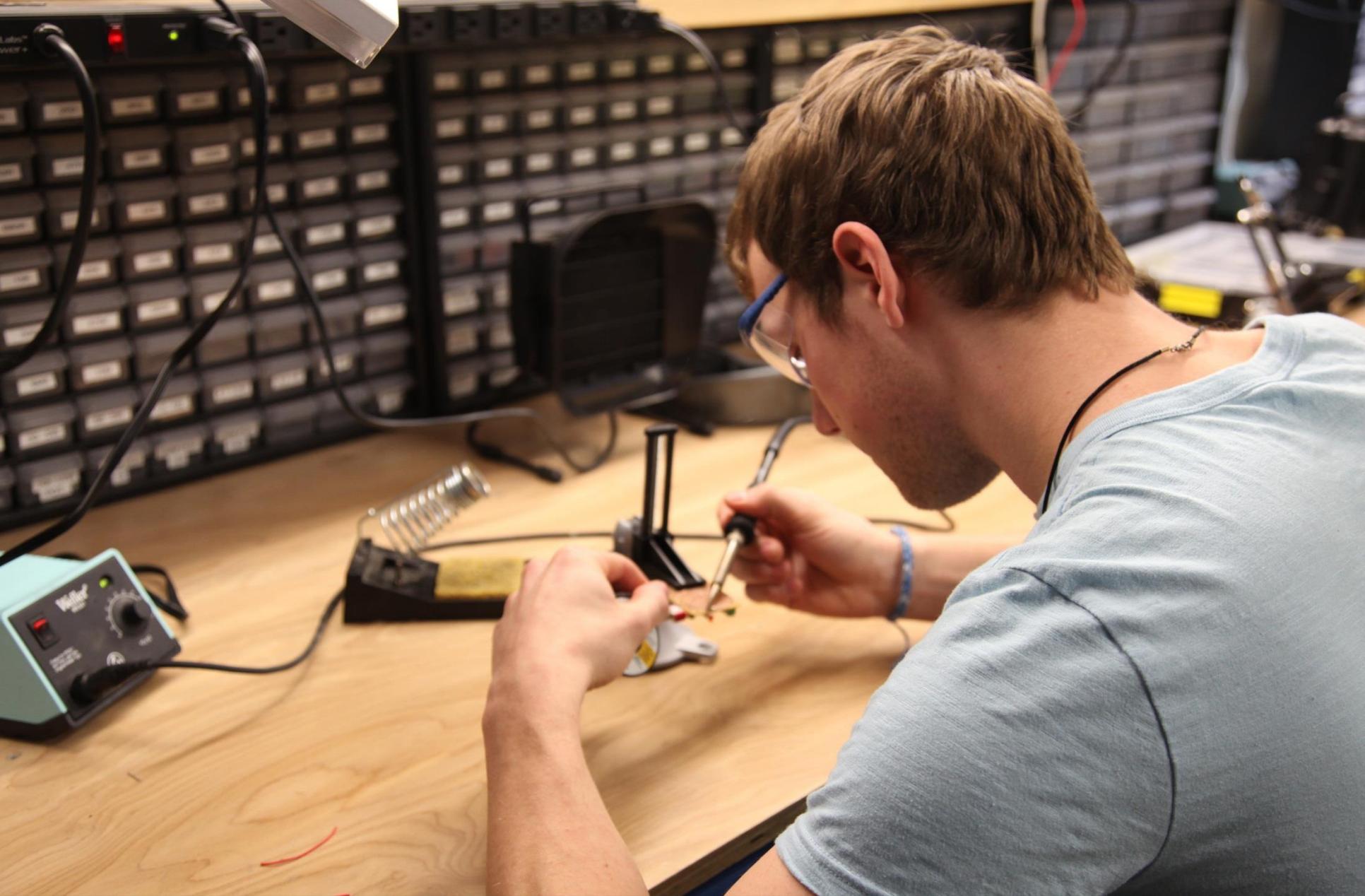
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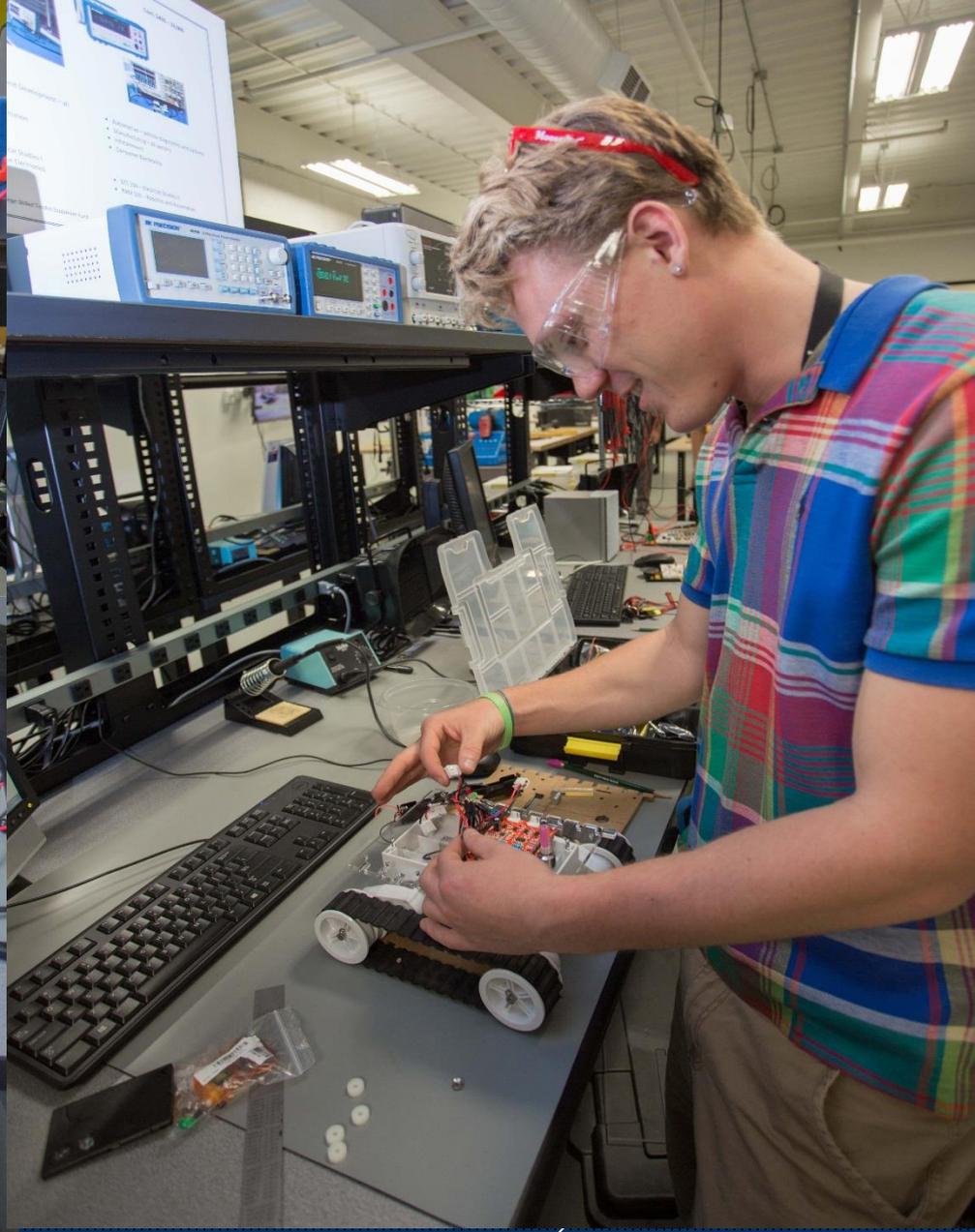
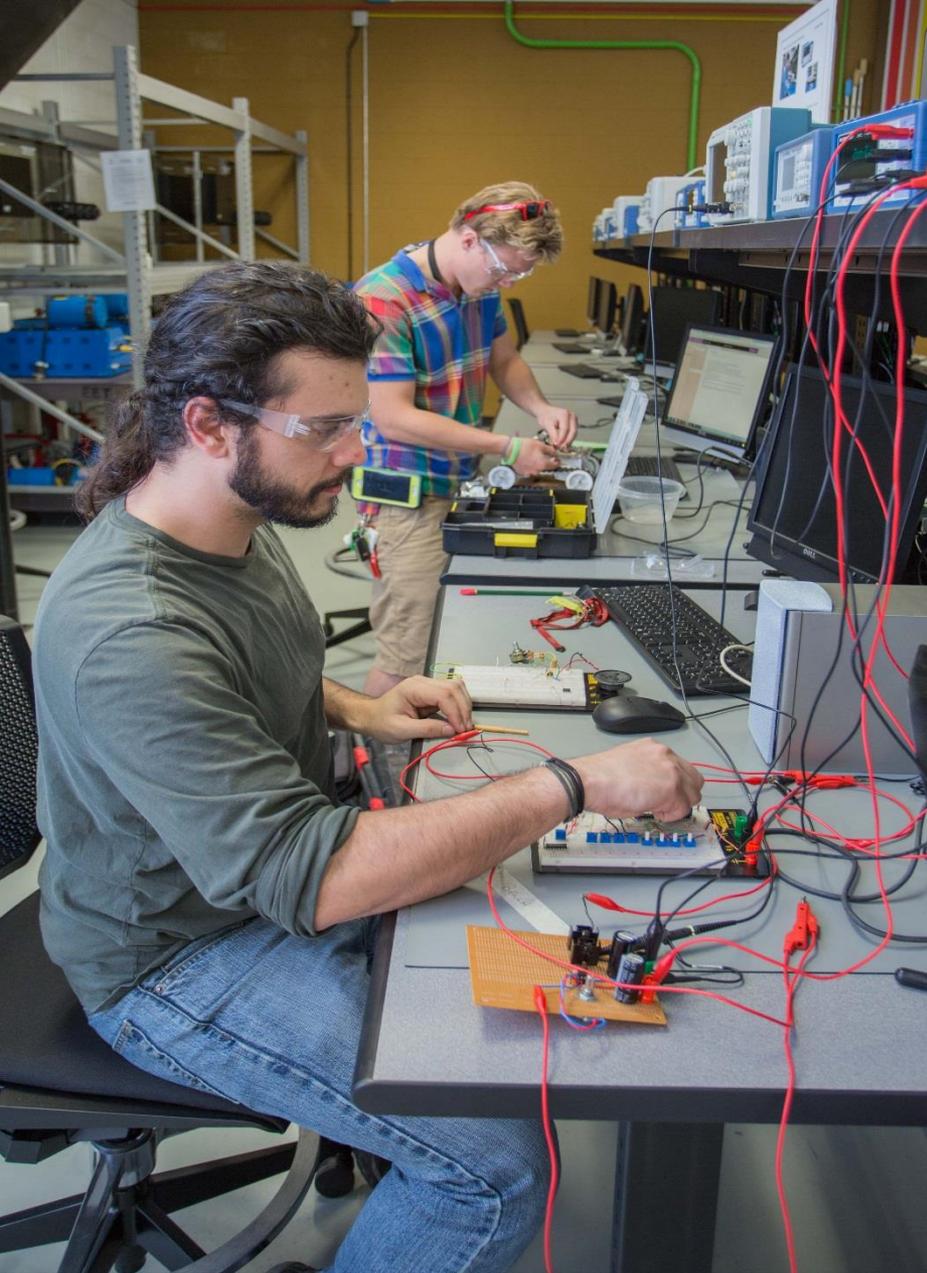








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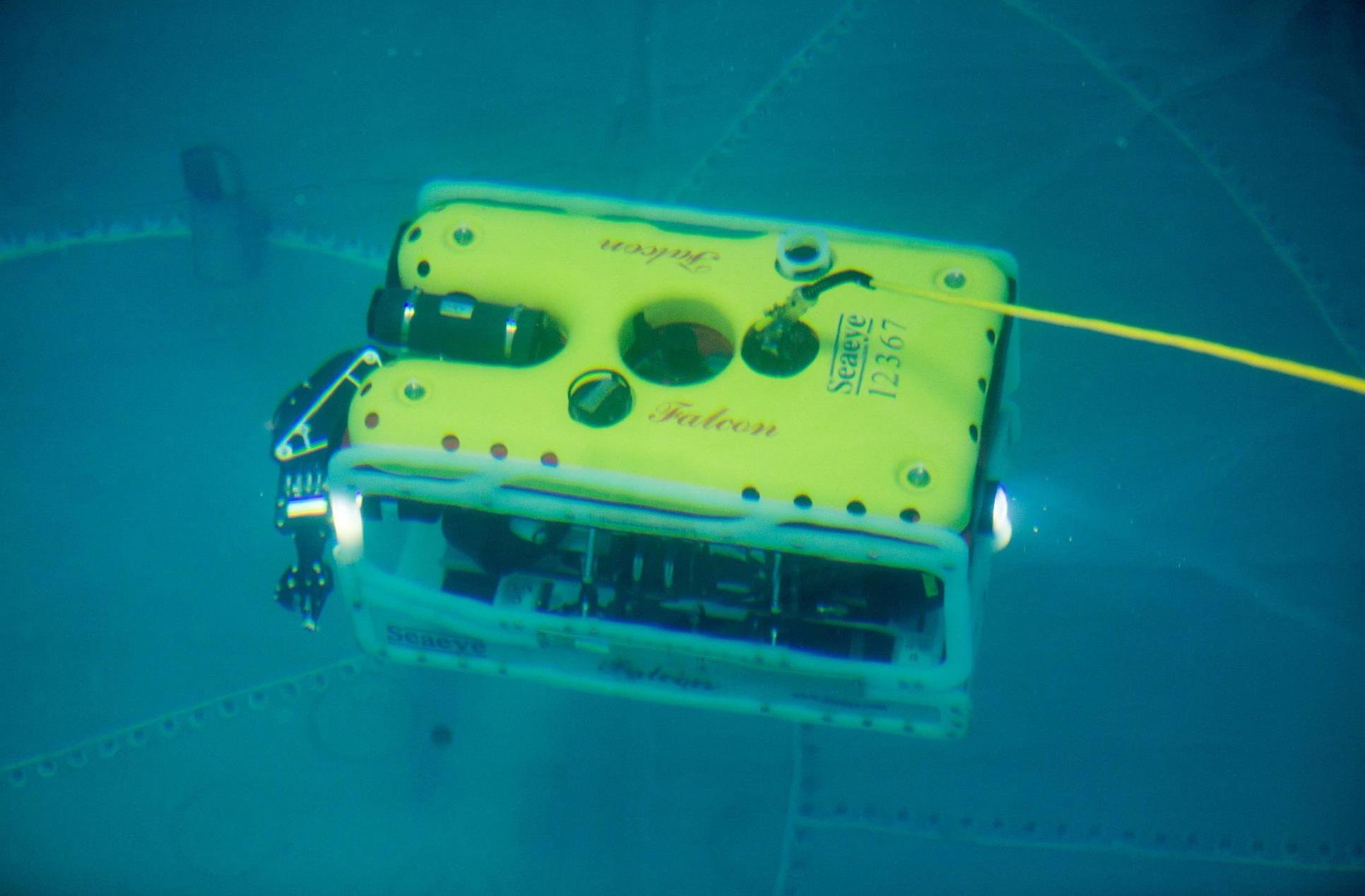




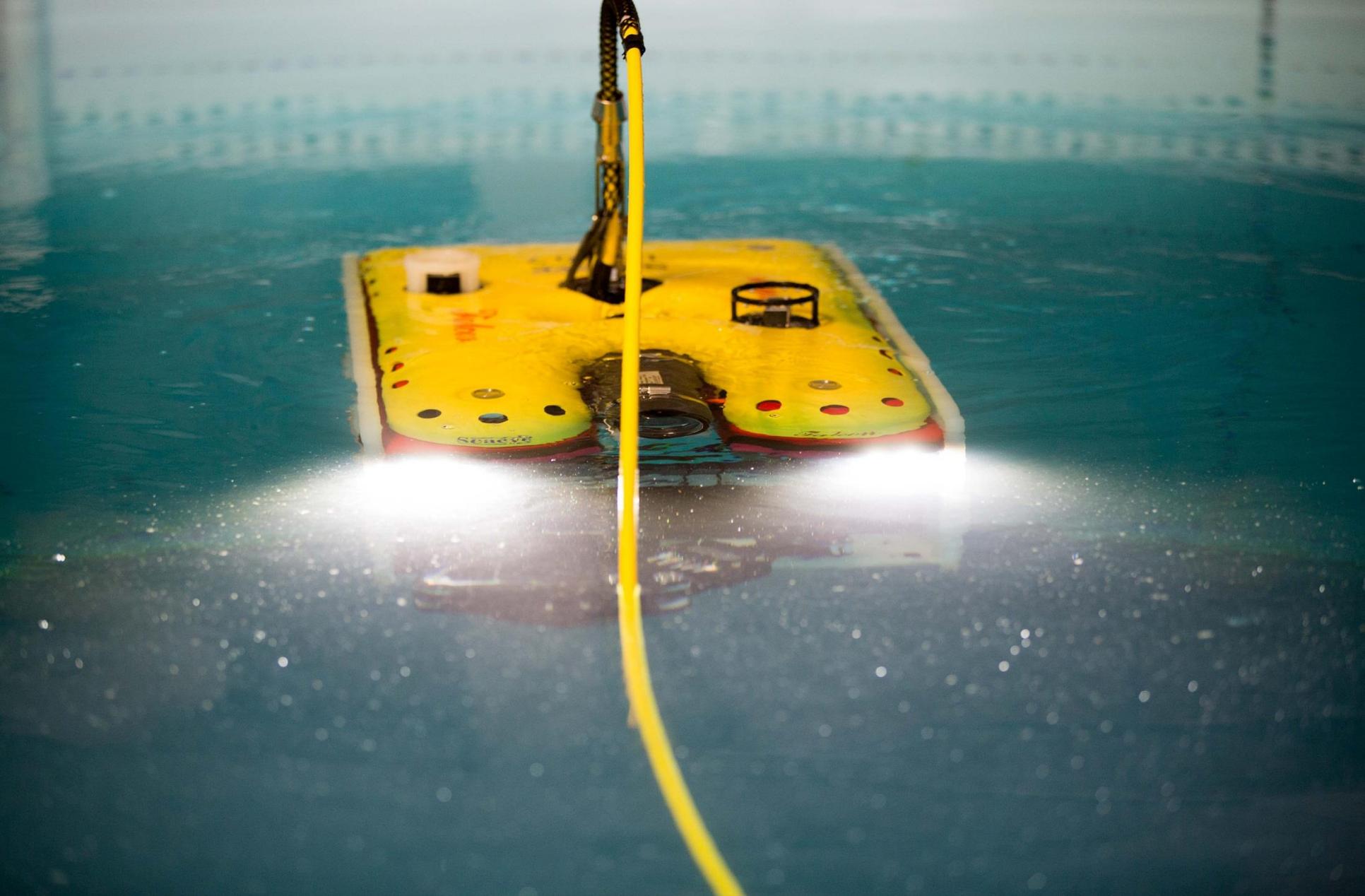




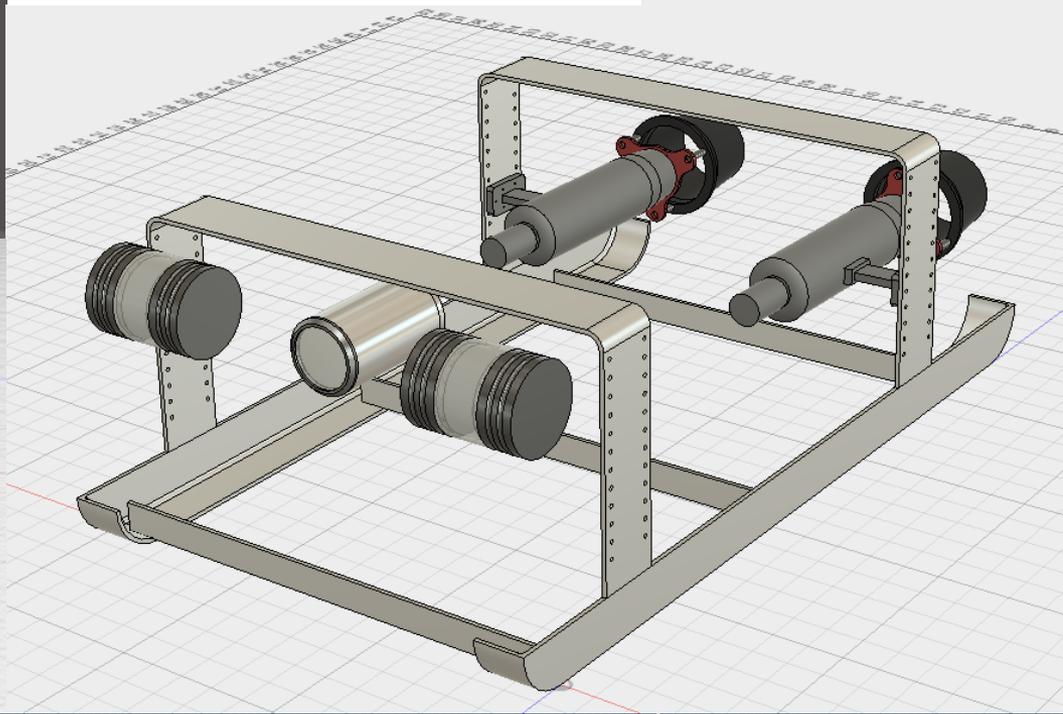
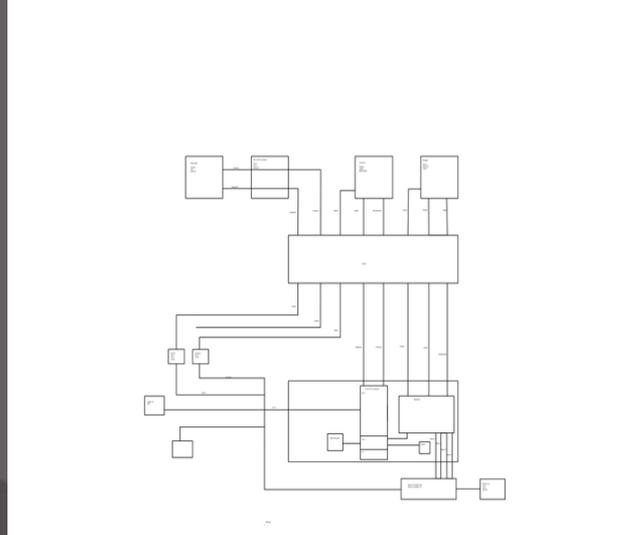
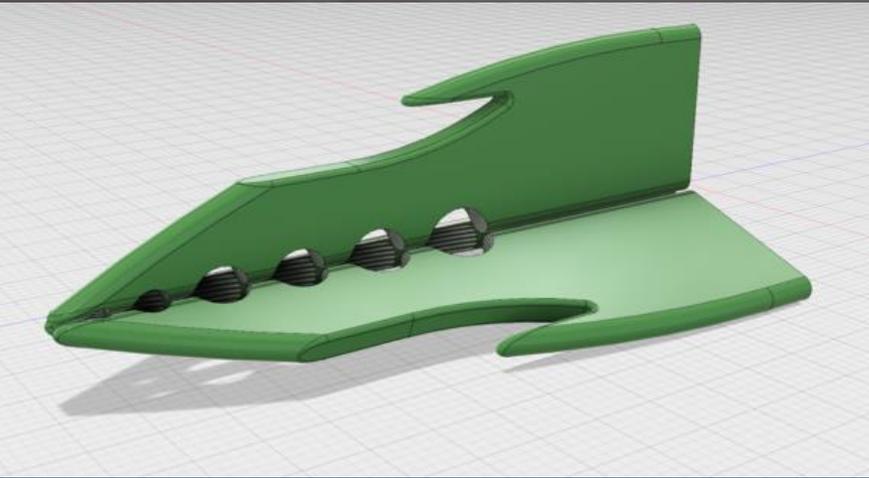


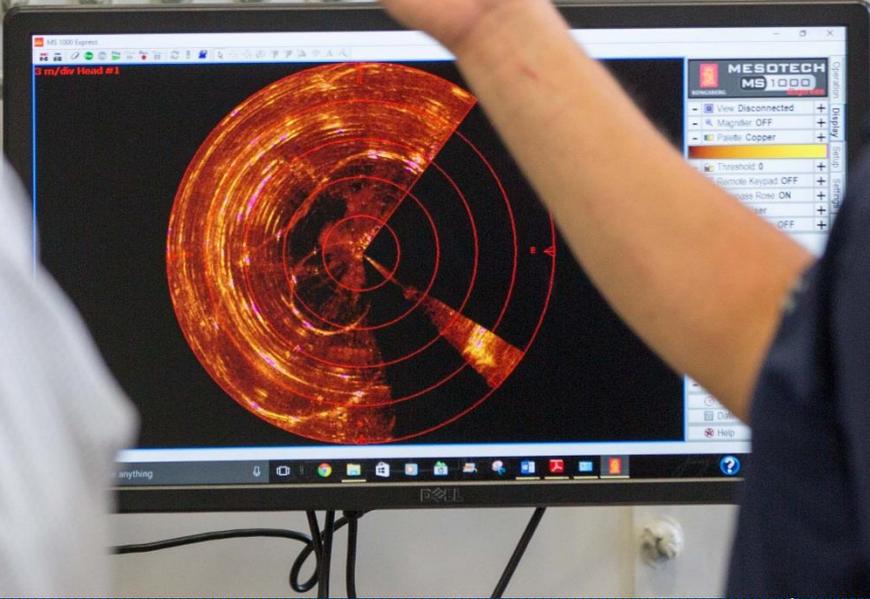












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