

# Sensor Design, Fabrication & Deployment

## BIOB 491 June 22-July 3, 2020 (3 credits)

### SUMMER SESSION 2020 at University of Montana's Flathead Lake Biological Station

Engineering and Ecology Students! Learn innovative methods in sensor data and prototyping techniques.

Design, fabricate and deploy advanced sensors including O<sub>2</sub>, CO<sub>2</sub>, pH, T, PAR, and turbidity; data loggers and controllers; and real-time networks—on a shoestring budget!

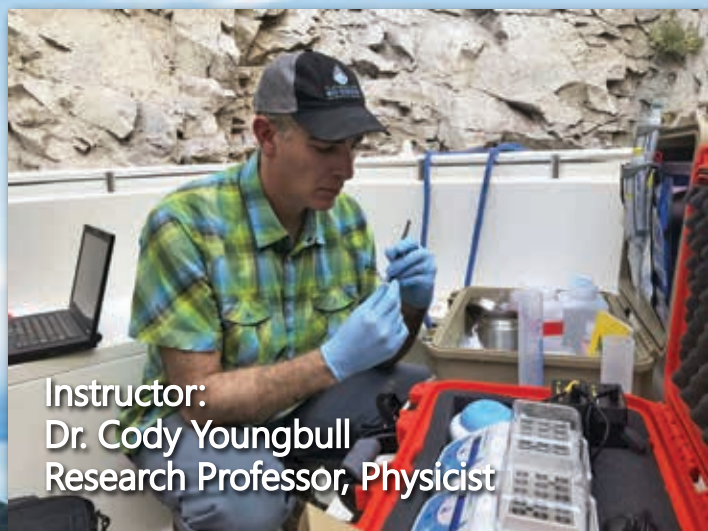
Learn key embedded systems concepts for field-deployed electronics and collaborate to solve real world problems in the SensorSpace Lab.



FLATHEAD LAKE  
BIO STATION  
UNIVERSITY OF MONTANA



**Apply online at <http://flbs.umt.edu/apps/education/>!**



Instructor:  
Dr. Cody Youngbull  
Research Professor, Physicist

- Scholarships available!
- Small class size, great facilities!
- Credits easily transferable
- Students from across the US
- International students welcome
- Grad or undergrad credit
- Tuition, room & board: \$2,130
- Apply by Jan. 13 for \$100 discount!

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