



**12th Annual MATE Center
Summer Institute
Intermediate Level Remotely Operated Vehicle (ROV) Building
for Class or Club Projects
July 26th – August 1st, 2010
Monterey, California**



Application Form

To apply for this institute, we require the name, contact information, and a letter of support from an administrator at your institution in addition to a completed application form.

Name _____

Title _____

Institution _____

Institution Address _____

City _____ State _____ Zip _____ WK Phone () _____

Home Address _____

City _____ State _____ Zip _____

HM Phone () _____ Cell Phone () _____

E-mail _____ FAX () _____

Administrator Name _____

Title _____

E-mail _____ Phone () _____

FAX () _____

If you would be interested in having another faculty member from your institution attend with you, please provide their name, phone number, and e-mail address (they will also need to apply for the Institute):

PLEASE INCLUDE THE FOLLOWING INFORMATION WITH YOUR APPLICATION FORM:

- A letter of support from an administrator at your institution, which should address the institution's interest in underwater technology and specifically how the institution will support you in incorporating underwater technology into your curriculum or club activities.

- Please help us to better understand your needs by providing a brief answer to the following questions:

1. Tell us about your teaching background (e.g. how many years teaching, what subjects taught, what levels).

2. What prior professional growth opportunities similar to this institute have you had?

3. Have you participated in one or more of the following: a MATE or MATE-related workshop or a MATE ROV competition? If so, when and where?

4. What knowledge, education, and experience do you have with marine technology or marine science?

5. What knowledge, education, and experience do you have with remotely operated vehicles (ROVs)?

6. Please use this 1 to 5 scale to help us gauge your knowledge and skills.

1. I am willing to learn
2. I am familiar with this technology, but have limited hands-on experience
3. I can use this technology with some help
4. I can use this technology on my own without any help
5. I could teach another person how to use or build this technology

Knowledge and Skills	1	2	3	4	5
Understanding of electronics					
Understanding of electricity					
Ability to solder					
Ability to program (please note languages with which you are familiar below) Languages:					
Ability to use a multimeter to measure current, voltage, and resistance					
Knowledge of basic stamp					
Understanding of micro-controllers					
Understanding of sensors (please note the types of sensors below) Sensors:					

7. What do you hope to get out of this institute for you and your students?

8. What is your personal background (culture, ethnicity, experience with other cultures, and unique characteristics)? (Optional question)

Please provide some background information on your institution.

1. Does your institution currently offer a degree program in a marine related field?

Yes; please state the program title: _____

No, but we are interested in starting such a program

No

2. Does your institution currently offer a course in robotics?

No

Yes Yes; please describe the course: _____

3. Please circle any of the following that are available on your campus:

1. Electronics lab

2. Automotive lab

3. Hydraulics lab

4. GIS/Auto CAD lab

5. Computer lab

6. Swimming pool

7. Physics lab

8. Mechanics lab

4. What is the composition of the student population served by your institution (age, ethnicity, race, economic level, etc.)

APPLICATIONS WILL BE ACCEPTED UNTIL THE CLASS IS FILLED. FOR PRIORITY SCREENING, SUBMIT BY APRIL 14, 2010. IF YOU ARE APPLYING LATER THAN APRIL 14, 2010 PLEASE CALL OR E-MAIL TO FIND OUT THE CURRENT APPLICATION STATUS.

SEND TO:

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Monterey, CA 93940

OR FAX TO: (727) 894-6821

OR EMAIL TO: emoulton@marinetech.org