Course Overview: The MOCC course was developed and formalized by the United States Department of the Interior in the early 1990’s. The course is designed to give students broad academic knowledge and practical training running small boats (Boats 26’ in length or shorter). In addition to the relevant theory, students will get hands on training trailering small boats, launching and loading at boat ramps, slow and high speed maneuvering, Marline Spike (knot trying), as well as in water emergency training and the use of flares and pyrotechnics. The MOCC certification is the training standard for occupational small boating and used by government organizations, public and private research organizations, public aquaria, etc... The certification is a marketable skill for students moving ahead in their careers in marine science.

Dates and Logistics: The course is broken into two modules. Module one consists of self-study, internet-based academic material. Students will be given access and instructions for the on-line training module by the lead MOCC instructor at the beginning of the semester. Module One must be completed before advancing to module two. Module Two consists of practical training and will include: trailering, launching and loading, close quarter maneuvering, high speed maneuvering and avoidance, towing, and emergency procedures. Students will be broken into two groups for Module Two, which will be conducted on the following dates:

Group one (8 students) Monday December 17th through Friday December 21st, 2012
Group two (8 students) Monday January 7th through Friday January 11th, 2013

Module Two will involve all day training sessions. The ending times each day are dependent upon the skill level of each student, weather conditions, etc... please plan on being there each day from 8am to 5pm (with a lunch break).

Grading: Students grades will be based on the written final exam and performance during the practical sessions. The total grade will be weighted at 60% for the practical’s and 40% for the written final exam. The MOCC certification will be awarded based on the student’s performance in the class. Each student will receive an academic grade for the course; however, the MOCC certification must be earned through class performance. MOCC certification will be awarded one of three ways: Pass, Conditionally pass, or fail. If a student conditionally passes they have until the end of the semester – May 8th, 2013 – to proactively schedule practice time with the instructors and meet the criteria for passing. The MOCC class certification result does not affect the academic grades.

Academics: Students are expected to read the on-line training materials and the Department of the Interior MOCC Student Manual (165 pp). Additional readings may be provided.

Attendance: This class will be a progression of steps both in the classroom, in the pool and on boats. One absence can result in you missing vital information in this progression. Therefore, your attendance and participation is extremely important. You are expected to attend every class. Missing one class may result in your inability to complete the class and attain the certification.

Student responsibilities

- You will be expected to be on time and ready to go at the beginning of class.
- You are responsible for any information missed because of an absence, whether excused or unexcused.
- Students must be prepared to spend long hours on the water. Appropriate boating apparel and foot protection is required. Some of the training will take place in Bear Cut and at the UM pool (weather dependent), and students are expected to be prepared to be in the water. The MOCC instructors will give instructions as to appropriate exposure protection as the dates for the practicals approaches.

* Because your safety and the safety of others depends on your proficiency in the skills covered in this course, we expressly reserve the right to prohibit any student from taking the class, or once in the class, a student may be asked to drop the course due to unsafe behavior on the water, lack of participation, or absences.

Student Signature

Date
Motorboat Operator Certification Course (MOCC) Fall 2012
University of Miami / RSMAS
Practical schedule

Lead Instructor – Casey Coy (c coy@rsmas.miami.edu or c coy@ flaquarium.org)
Instructor & UM RSMAS Dive Safety Officer – Rick Gomez (rgomez@rsmas.miami.edu) UM DSO
MOCC Instructor – Evan D’Alessandro (edalessa@rsmas.miami.edu)
MOCC Instructor Candidate -

Module Two: Practical Schedules

Group 1: December 17 – 21, 2012:

Monday, December 17th 2012 – meet in the “CIMAS” conference room: 9am – 4pm

Class introductions and course overview
On-line training review
Marline Spike
Boat and trailer maintenance
Flares and Pyrotechnics (wear clothes that can get dirty for this)

Tuesday December 18th 2012 – Meet at the UM Main Campus pool: 9am – 4pm

Emergency procedures (in water - bring a bathing suit and towel)
Trailering / Launching and Loading
Remediation as needed

Wednesday December 19th 2012 – Meet at the UM RSMAS Dive Office: 9am -4pm

Close quarters maneuvering
Anchoring
Towing
Remediation as needed

Thursday December 20th 2012 – Meet at the UM RSMAS Dive Office: 9am -4pm

High speed maneuvering and avoidance
Remediation and handling time on different boats
Clean and store boats

Friday December 21st 2012 – Meet in the “CIMAS” conference room: 9am-4pm

Exam review
Marline Spike exam
Written final exam
Friday will also be used as a makeup /remediation day if we encounter weather or mechanical problems earlier in the week.
Group 2: January 7 – 11, 2013: Isabella Clegg,

Monday January 7th 2013 – Meet in the "CIMAS" conference room: 9am – 4pm

Class introductions and course overview
On-line training review
Marline Spike
Boat and trailer maintenance
Flares and Pyrotechnics (wear clothes that can get dirty for this)

Tuesday January 8th 2013 – Meet at the UM Main Campus pool: 9am – 4pm

Emergency procedures (in water - bring a bathing suit and towel)
Trailering / Launching and Loading
Remediation as needed

Wednesday January 9th 2013 – Meet at the UM RSMAS Dive Office: 9am -4pm

Close quarters maneuvering
Anchoring
Towing
Remediation as needed

Thursday January 10th 2013 – Meet at the UM RSMAS Dive Office: 9am -4pm

High speed maneuvering and avoidance
Remediation and handling time on different boats
Clean and store boats

Friday January 11th 2013 – Meet in the “CIMAS” conference room: 9am-5pm

Exam review
Marline Spike exam
Written final exam

Friday will also be used as a makeup / remediation day if we encounter weather or mechanical problems earlier in the week.