To: Advanced Line Systems Rescue Instructor Candidates  
From: Chris A. Calhoun – Course Coordinator  
Date: 11/29/2021  
Re: Course Information and Registration Form

Dates, Times, and Location of Training:
November 5-6, 2022
- Saturday – Classroom, pool session, and outdoor practical – start time 8:00 am
- Sunday – Classroom and outdoor practical – end time 5:00 pm

Training Course Overview:
This two-day course will instruct the student how to teach the Pennsylvania Fish and Boat Commission (PFBC) Advanced Line Systems Rescue curriculum.

Course Description:
Advanced Line Systems Rescue course trains rescue personnel in complex rescue systems that expose personnel to potentially life threatening hazards. These systems are used when lower risk options have been exhausted and when the team has the training, equipment, and skills to utilize these techniques. The systems taught in the course require rescue personnel to:
- Select the appropriate system or technique for the situation
- Establish and operate the system
- Effect the rescue or recovery
- Tear down the system

Classroom and practical hands-on training includes: static line systems rescues such as the moveable control point (MCP), 3:1 mechanical advantage (also known as z-drag or z-rig) and zip line (tension diagonal). Tethered rescuer techniques using Type V rescue personal flotation devices (PFD) are also addressed. Students must demonstrate teaching competency in the classroom, pool and outdoor practical sessions. They must also demonstrate all practical skills with instructor level proficiency. YouTube video link: https://youtu.be/XVFJ-Yt8YkM

Note: Basic Ropes and Rigging course is highly recommended additional training.

Course Cost:

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<td>$450</td>
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Prerequisites:
Student prerequisites include:
- Water Rescue and Emergency Response Instructor
- Advanced Line Systems Rescue (basic) or equivalent nationally recognized ice rescue training program
- CPR and first aid training
- Teaching experience in EMS, rescue, fire, or similar discipline.
- Copies of certifications must be sent with application

Instructor Candidate Prerequisites: Swim 200 yards without a PFD in 12 minutes or less using the following strokes:
- 100 yards American Crawl stroke or free style (aggressive swimming position) - 50 yards Breast - 50 yards Side - Tread water – 10 minutes
Note: swimming proficiency/testing evaluated at the pool session on day one. **If unable to pass swim test, student WILL NOT be permitted to participate in day two of training. Please train and condition prior to the course!!!**

Lodging and Meals:
- Lodging – student responsibility - no lodging provided.
- The following meals are provided – Saturday B/L/D – Sunday B/L
- You are responsible for fluids and snacks at the pool and outdoor practical session.

Location of Training:

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<th>Physical Description</th>
<th>Latitude</th>
<th>Longitude</th>
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<tr>
<td>PFBC – Stackhouse Training Facility 1150 Spring Creek Road Bellefonte, PA 16823 Phone: 814-355-4159</td>
<td>40°52'48.70&quot;N</td>
<td>77°47'34.60&quot;W</td>
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Hazards of Training:

Students must be prepared to engage in strenuous activities in **extreme weather and water conditions**. Students must be able to swim. If a student has a known medical condition that could foreseeably jeopardize his/her safety during participation or be aggravated by participation, **the student should not participate.**

Water Hazards:
- Cold, deep, and swift water with obstructions (i.e. rocks, strainers, free-floating debris, etc.)
- Other water users (fishing and boating) – please be courteous.

Environmental Hazards:
- Uneven walking surface, slippery rocks and shoreline, steep slopes and loose debris
- Poisonous plants, animals, and insects.
- Traffic

Weather Hazards
- Temperature – hot (hyperthermia) or cold (hypothermia)
• Storms – lightening (all training will stop until storm has passed). Students will be directed to shelter. Rain, snow or hail may or may not stop training exercise. Weather emergencies will be handled at the discretion of the instructor trainers.
• Sun – risk of sunburn – wear sunscreen

Student Equipment Requirements:
• Customized U.S. Coast Guard approved PFD Type V Rescue Vest with knife, 2 locking carabineers and whistle
• Water rescue helmet - must provide front, side, and back of head protection
• Appropriate thermal protection for weather and environmental conditions:
  o Mandatory - Dry suit (Note: cold water exposure, immersion, survival, and ice rescue suits are prohibited for moving water) - thermal layering under dry suit - inner wicking material (i.e. polypropylene) - middle insulation material (i.e. polyester)
• Pool session clothing - swim suit and towel
• Hand protection for rope work – neoprene with reinforced palms and/or leather gloves
• Feet protection – river sneakers or water rescue boots with synthetic or wool blend socks
• Straps for glasses
• Fluids (water or sports drink) and food (high energy snacks)
• Sun screen – SPF 30 minimum recommended
• Personal items (first aid needs (i.e. inhalers, EpiPen, hygiene items, etc.)
• Gear bag and large garbage bag to hold wet items

If you have any questions regarding the training, please contact me at 724.287.8711 ext. 8238 or by email chris.calhoun@bc3.edu (include in the subject line of the email water rescue training – I will not open email from unknown senders because of email virus concerns.
# NON-CREDIT REGISTRATION FORM

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E-MAIL ADDRESS (RECEIVE SCHEDULE UPDATES/EVENT NEWS)

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IS THIS YOUR FIRST CLASS AT BCCC?  YES   NO

ARE YOU A PERMANENT* RESIDENT OF PA?  YES   NO
(*LIVED IN PA FOR THE LAST 12 MONTHS)

PLEASE ENROLL ME IN THE FOLLOWING NONCREDIT COURSE/WORKSHOP/SEMINAR

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PA Resident $450.00 Out-of-State $550 (check made payable to BC3)

Attached is my check payable to BC3

Charge to my: _______VISA _______MasterCard _______Discover Card _______American Express

Account Number ________________________________________________
Expiration Date ________________________________________________
Signature _______________________________________________________

Send all pre-requisite information and payments to:
Butler County Community College
Attn: Maria Chvala
107 College Drive
Butler, PA 16002
Phone: 724.287.8711 ext. 8355  Fax: 724.284.8548
Email: maria.chvala@bc3.edu

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