



# ALABAMA FIRE COLLEGE

## Marine Fire Fighting for Land-Based Fire Fighter

### Syllabus

### FSC 142

### 40 Clock Hours

Prerequisite(s)	<ul style="list-style-type: none"> <li>• High school diploma/GED</li> <li>• IFSAC or ProBoard Certified Firefighter II</li> </ul>
Course Description	<p>This course is based on NFPA 1005, "Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighter" and may lead to IFSAC and ProBoard Certifications. The course is designed for individuals who respond to an incident and operate on a vessel while performing defensive and offensive functions inside the cold, warm, and hot zone on board a vessel. Emergency responders will learn how to identify and mitigate the many hazards associated with maritime domain. In addition, students will learn how to conduct emergency response planning at marine facilities, identify key vessel personnel, conduct a vessel inspection and discuss the many strategies and tactics fire fighters will use to control fires at marine facilities and onboard vessels. Campus Delivery Only. (Classes that are delivered either at the Alabama Fire College or an RTC or other area as approved by the Regional Coordinator and Training Staff at AFC.)</p>
Student Learning Objectives	<ul style="list-style-type: none"> <li>• (Level I) -Locate and access the scene of an incident</li> <li>• Board a vessel</li> <li>• Access a specified location on a vessel</li> <li>• Position the apparatus at a marine incident</li> <li>• Establish connections for the water supply at an incident</li> <li>• Remove a victim from a vessel as a member of a team</li> <li>• Protect an exposure at a marine fire incident as a member of a team</li> <li>• Collect and report vessel stability information</li> <li>• Control vessel movement</li> <li>• Transmit and receive messages via marine facility and vessel communications equipment</li> <li>• Locate a marine facility or vessel representative</li> <li>• Retrieve a vessel fire control plan and other specified documents from a cold zone on the vessel</li> <li>• Transmit and receive messages to vessel personnel and other agencies responding to an incident</li> <li>• Establish command at an incident</li> <li>• Develop and monitor an initial action plan for an incident</li> <li>• Control access to a vessel</li> <li>• Evacuate a vessel or exposure</li> </ul> <p>Level II (In Development)</p> <ul style="list-style-type: none"> <li>• Access a fire compartment operating as a member of a team</li> <li>• Control marine facility utilities</li> <li>• Control cargo transfer to and from a vessel</li> <li>• Advance hose lines for boundary protection and other defensive fire operations onboard a vessel operating as a member of a team</li> <li>• Ventilate smoke from a vessel operating as part of a team</li> <li>• Operate onboard vessel fixed fire suppression systems as a member of a team</li> <li>• Assess fire conditions onboard a vessel while operating as a member of a team</li> <li>• Confirm the location and identity of exposures, hazards, or hazardous materials from vessel documents or personnel as a member of a team</li> <li>• Interpret marine facility and vessel documents</li> <li>• Remove water from, or transfer water within, a vessel while operating as a member of a team</li> <li>• Attack a fire within a vessel operating as a member of a team</li> <li>• Conduct a search and rescue operation for a missing or downed fire fighter on a vessel operating as a member of a team</li> <li>• Conduct a search and rescue operation for a missing victim on a vessel operating as a member of a team</li> <li>• Determine the need for and deploy special extinguishing agents needed to attack a fire on a</li> </ul>

	vessel <ul style="list-style-type: none"> <li>Develop a pre-incident survey for a vessel</li> </ul>
Required textbook and Course Materials	<ul style="list-style-type: none"> <li><a href="#"><u><i>Marine Fire Fighting for Land Based Firefighters, IFSTA, 2nd Edition</i></u></a></li> </ul>
Daily Activities, Class Participation	This course will involve discussion, questions and answers on the materials, and case study. Class participation is expected from all students.
Certification Requirements	To be issued certification for Marine Fire Fighter I, the candidate will: <ul style="list-style-type: none"> <li>Provide documentation of prerequisites</li> <li>Complete required training hours including skills training (minimum 24)</li> <li>Successfully complete written exam</li> <li>Successfully complete practical/skills exam</li> </ul>
Accreditation	The Alabama Fire College and Personnel Standards Commission maintains accreditation with the Pro Board and IFSAC. Each student will automatically receive national registration and certification upon successful completion of all requirements for certification.
Contact Information	<b>Link: <a href="#"><u>Alabama Fire College Website</u></a></b> <b>1-800-241-2467</b> <b>Link: <a href="#"><u>Alabama Fire College Bookstore Website</u></a></b> <b>1-866-984-3545</b>
Academic Misconduct	Academic misconduct or dishonesty such as cheating and plagiarism is not permitted in class. Suspected cases of academic misconduct will be reported to the Executive Director. Conduct detrimental to the fire service on or off campus will not be tolerated. The AFC will investigate any complaints, and if a complaint is valid, the student will be dismissed and his/her agency will be notified.
Attendance Policy	Students are expected to attend all classes. Failure to appear in class for a scheduled activity will be considered an absence, unless prior permission is received from the instructor. For any absence to be excused, it must be accompanied by written description of extenuating circumstances. For a certification course, students must attend all classes to obtain certification.
Tardiness	Students must adhere to class schedules. Students are required to be punctual for all classes and class activities. Classes will begin promptly at the scheduled time unless specific instructions are given otherwise.
Safety	Safety of the students is top priority to the Alabama Fire College. Students must adhere to safety regulations while attending a class at the Fire College. Safety instructions are posted in every classroom, as well as escape routes and tornado actions.
Quality Enhancement Plan	An evaluation form will be provided for each student at the end of the course. Please use this evaluation form as a means of communicating your opinions on the course, course content, instructor and facilities.
Course Schedule	Day One: Introductions: The Maritime Domain, Organizational Roles, Structures, and Resources, Vessel Types, Vessel Markings, Arrangement, Construction, and Systems  Day Two: Vessel Hazards and Safety, Fire Detection, Fire Suppression, and Inert Gas Systems, Vessel Plans, Drawings, and Documents  Day Three: Incident Response, Cargo, Vessel Stability  Day Four: Training for Marine Fire Fighting, JPR Practical Skills Exercises and Practice  Day Five: JPR Skills Testing; Review; Paperwork; Written Certification Exam
	<b><i>The Schedule is subject to change based on extenuating circumstances.</i></b>