



# ALABAMA FIRE COLLEGE

## HAZARDOUS MATERIALS TECHNICIAN SYLLABUS FSC 261 50 CLOCK HOURS

Prerequisite(s)	<ul style="list-style-type: none"> <li>• Proof of Hazardous Materials First Responder training at the Awareness and Operational Levels, <b>OR</b> Certified Fire Fighter I <b>OR</b> Certified Volunteer Fire Fighter</li> </ul>
Course Description	<p>This course is based on <b>NFPA 472: Standard for Professional Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents</b>, and may lead to Pro Board and IFSAC certifications. Designed for the student already certified/trained at the Hazardous Materials Awareness and Operations level; this course develops the skills already learned and provides in-depth training in the mitigation of hazardous materials incidents. Through both classroom and practical training, the student becomes familiar with health and safety issues, incident management, hazard and risk analysis, personal protective clothing, offensive response objectives (containment techniques), and decontamination.</p>
Student Learning Objectives	<ul style="list-style-type: none"> <li>• Analyze a hazardous materials incident to determine the magnitude of the problem in terms of outcomes.</li> <li>• Plan a response within the capabilities of available personnel, personal protective equipment, and control equipment.</li> <li>• Implement the planned response to favorably change the outcomes consistent with the organization's standard operating procedures and safety considerations.</li> <li>• Evaluate the progress of the planned response by evaluating the effectiveness of the control functions.</li> <li>• Terminate the incident.</li> </ul>
Required textbook and Course Materials	<ul style="list-style-type: none"> <li>• <a href="#"><u>Hazardous Materials Managing the Incident, Jones &amp; Bartlett, 4th Edition</u></a></li> <li>• <a href="#"><u>2016 Emergency Response Guide</u></a></li> <li>• <a href="#"><u>NIOSH Pocket Guide</u></a></li> </ul>
Reading Prior to Arrival	<ul style="list-style-type: none"> <li>• Textbook material suggested</li> </ul>
Daily Activities and Class Participation	<p>This course will involve discussion, questions and answers on the materials, and case studies. Class participation is expected from all students.</p>
Basis	<p>Alabama Fire College and Personnel Standards Commission, Administrative Code, Chapter 360-X-9-.03: Requirements for Certified Hazardous Materials Technician First Responder</p>
Certification Requirements	<p>To be issued certification, the candidate will:</p> <ul style="list-style-type: none"> <li>• provide documentation of prerequisites.</li> <li>• complete required training hours including skills training.</li> <li>• successfully complete cognitive written exam.</li> <li>• successfully complete practical exam.</li> </ul>
Grade Assessment	<ul style="list-style-type: none"> <li>• Written Examination: Perform to a minimum 70% competency on the examination, calculated at 50% of the final score for the course. (One retest is allowed after 30 days but within one year of course end date.)</li> <li>• Practical Examination (if applicable): Successfully complete a skills/project evaluation to a minimum of 70% competency and successful completion of all critical points. Evaluators will test at least 25% of the skills for each level of skill sheets. Skill sheets will be randomly selected by AFC Certification Unit for this practical examination. The Practical Examination portion is calculated at 50% of the final score. (One retest is</li> </ul>

	<p>allowed after 30 days but within one year of course end date.)</p> <p><b>Example:</b></p> <p>Written examination - 70/100 possible points  70 x 50% = 35 points awarded for written exam portion</p> <p>Practical/project - 40/100 possible points  40 x 50% = 20 points awarded for practical portion</p> <p>Total Points = 55 points (student awarded F, score not 70%&gt;)</p>
Accreditation	Alabama Fire College and Personnel Standards Commission maintains accreditation with Pro Board and IFSAC. Each student will automatically receive national registration and certification upon successful completion of all requirements for certification.
Contact Information	<p><b>Link: <a href="#">Alabama Fire College Website</a></b>  <b>1-800-241-2467</b></p> <p><b>Link: <a href="#">Alabama Fire College Bookstore Website</a></b>  <b>1-866-984-3545</b></p>
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. AFC will investigate any complaints. If a complaint is valid, the student will be dismissed, and his/her agency will be notified.
Attendance Policy	<p>Attendance will be recorded at every class or lab meeting at the beginning of class and after long breaks for required hours. For a week-long certification course, students are required to attend all sessions to obtain certification. For VA students, it is especially important because they will receive benefits only for those days in attendance.</p> <p>Special Policy: Fire Fighter I/II: 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 and makeup work allowed, it must be accompanied by a written description of extenuating circumstances.</p> <p>No-Show: Students who have registered for a fee-waived or stipend course and fail to withdraw, according to Alabama Fire College withdrawal policy, will not be allowed to register for another fee-waived or stipend course for a period of one year.</p> <p>Department Delivery: In order to qualify for department delivery courses, students must be an Alabama resident or a member of an Alabama fire department.</p>
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 the top priority for 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. Students may use this evaluation form as a means of communicating their opinion of the overall course, course content, instructor, and facilities.
Course Schedule	<p><b><i>Suggested Course Schedule</i></b></p> <p><b>The schedule will be based on the training layout of the individual classes. A detailed schedule will be available the first day of class.</b></p> <p>Survey; Certification Examination administered last day of class.</p> <p><b><i>The schedule is subject to change.</i></b></p>