

**State Board of Community Colleges  
Combined Course Library - Continuing Education**

**New Course Approvals, Modifications, and Tier Designations**

The State Board is asked to approve the following courses for placement in the Combined Course Library (CCL).

**Request #1 of 8 (New)**

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP-7100	Fire Investigation Technician	80 hours	R-30 Fire & Rescue Services	3

**Description:**

This certification-related course will present the Fire Investigation Technician candidate with the knowledge, skills, and abilities to satisfy the requirements of Chapter Four of National Fire Protection Association (NFPA) 1033: Standard for Fire Investigator Professional Qualifications. The course is designed to introduce students to science-based fire investigation techniques; origin and cause recognition; legal issues and requirements; evidence collection and preservation; documentation; motivation; interviewing; and interrogation. This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines.

**Rationale:**

This is a new certification course, approved by the NC Fire and Rescue Commission, that aligns with the national standard as set out in Chapter Four of National Fire Protection Association (NFPA) 1033: Standard for Fire Investigator Professional Qualifications.

**Credentialing Agency:**

Office of State Fire Marshal (OSFM)  
<http://www.ncdoi.com/OSFM/>

**Request #2 of 8 (New)**

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP-5720	TR MAG-Machinery and Ag Block	36	R-30 Fire & Rescue Services	3

**Description:**

This certification-related block course will present the Technical Rescuer with the knowledge, skills, and abilities to satisfy the requirements of Chapter Nineteen (Machinery) of National Fire Protection Association (NFPA) 1006: Standard for Technical Rescue Professional Qualifications. In addition, this course covers agricultural related emergencies and how to mitigate those responses. This block course includes all four required courses of the Technical Rescuer–Machinery and Agriculture certification program as outlined by the NC Fire and Rescue Commission for offering as of July 1, 2016: FIP-5721 TR MAG-Rescue Ops Machinery/Ag, FIP-5722 TR MAG-Stabilize/Extricate, FIP-5723 TR MAG-Large Machine/Ag Equip, and FIP-5724 TR MAG-Victim Management. This transfers as one "all or nothing" block to the Office of State Fire Marshal (OSFM). Students must successfully complete all courses that are part of this block to receive credit for any of the individual courses. Each course should be offered consistent with the most current NC Fire and Rescue Commission guidelines.

**Rationale:**

This is a course which is part of a new certification program, approved by the NC Fire and Rescue Commission, that aligns with requirements of Chapter Nineteen (Machinery) of National Fire Protection Association (NFPA) 1006: Standard for Technical Rescue Professional Qualifications.

**Credentialing Agency:**

Office of State Fire Marshal (OSFM)  
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**Request #3 of 8 (New)**

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP-5721	TR MAG-Rescue Ops Machinery/Ag	12	R-30 Fire & Rescue Services	3

**Description:**

This certification-related course in Rescue Operations for Machinery and Agriculture will present to the Technical Rescuer the hazards of machinery and agricultural rescue operations, Incident Command System (ICS), access, disentanglement, extrication, and the post-rescue phases of these types of emergencies. This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines.

**Rationale:**

This is a course which is part of a new certification program, approved by the NC Fire and Rescue Commission, that aligns with requirements of Chapter Nineteen (Machinery) of National Fire Protection Association (NFPA) 1006: Standard for Technical Rescue Professional Qualifications.

**Credentialing Agency:**

Office of State Fire Marshal (OSFM)  
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**Request #4 of 8 (New)**

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP-5722	TR MAG-Stabilize/Extricate	8	R-30 Fire & Rescue Services	3

**Description:**

This certification-related course in Stabilization and Extrication Techniques will present to the Technical Rescuer the steps to stabilize machinery and agricultural equipment. The Technical Rescuer will also be introduced to procedures for the following: using extrication equipment on machinery and farm equipment, and stabilizing and securing moving machinery parts and moving agricultural parts. This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines.

**Rationale:**

This is a course which is part of a new certification program, approved by the NC Fire and Rescue Commission, that aligns with requirements of Chapter Nineteen (Machinery) of National Fire Protection Association (NFPA) 1006: Standard for Technical Rescue Professional Qualifications.

**Credentialing Agency:**

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**Request #5 of 8 (New)**

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP-5723	TR MAG-Large Machine/Ag Equip	4	R-30 Fire & Rescue Services	3

**Description:**

This certification-related course in Large Machinery and Agricultural Equipment will present the Technical Rescuer with construction styles and use of various types of agricultural and pieces of heavy machinery. The class will offer additional information on organization of size-up, gaining access, stabilization, enlarging openings, disentanglement of victims, extrication techniques, and post-rescue operations. In addition, the Technical Rescuer will be introduced to methods to control electrical, fuel, fire, traffic, and engine hazards. This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines.

**Rationale:**

This is a course which is part of a new certification program, approved by the NC Fire and Rescue Commission, that aligns with requirements of Chapter Nineteen (Machinery) of National Fire Protection Association (NFPA) 1006: Standard for Technical Rescue Professional Qualifications.

**Credentialing Agency:**

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**Request #6 of 8 (New)**

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP-5724	TR MAG-Victim Management	12	R30 – Fire & Rescue Services	3

**Description:**

This certification-related course in Victim Management will present the Technical Rescuer with proper methods for the movement of patients from a hazardous situation while focusing on the safety and well-being of the patients and rescuers. In addition, stabilizing the situation, gaining access, packaging, and removal of patients from machinery and agricultural rescue incidents will be emphasized. This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines.

**Rationale:**

This is a course which is part of a new certification program, approved by the NC Fire and Rescue Commission, that aligns with requirements of Chapter Nineteen (Machinery) of National Fire Protection Association (NFPA) 1006: Standard for Technical Rescue Professional Qualifications.

**Credentialing Agency:**

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**Request #7 of 8 (New)**

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP-6409	NCRIC Rapid Intervention Block	48	R30 – Fire & Rescue Services	3

**Description:**

This certification-related block course covers all three required courses of the NC Rapid Intervention Crew (NCRIC) certification program as outlined by the NC Fire and Rescue Commission for offering as of July 1, 2016: FIP-3025 Safety & Survival, FIP-3026 Mayday, and FIP-6410 NCRIC Rapid Intervention Crew. This transfers as one "all or nothing" block to the Office of State Fire Marshal (OSFM). Students must successfully complete all courses that are part of this block to receive credit for any of the individual courses. Each course should be offered consistent with the most current NC Fire and Rescue Commission guidelines. Contact OSFM for details. This aligns with the National Fire Protection Association (NFPA) 1407: Standard for Training Fire Service Rapid Intervention Crews (2015 Edition).

**Rationale:**

Effective July 1, 2016, the entire NCRIC certification program will include the following three required courses: FIP-3025 Safety & Survival, FIP-3026 Mayday, and FIP-6410 NCRIC Rapid Intervention Crew, pending approval by the Fire and Rescue Commission at its April 12, 2016 meeting. The courses FIP-3025 Safety & Survival and FIP-3026 Mayday already exist in the Combined Course Library (CCL) and do not require any additional action.

**Credentialing Agency:**

Office of State Fire Marshal (OSFM)  
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**Request #8 of 8 (New)**

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP-6410	NCRIC Rapid Intervention Crew	24	R30 – Fire & Rescue Services	3

**Description:**

This certification-related course will present the Rapid Intervention Crew (RIC) candidate with the knowledge, skills, and abilities to satisfy the requirements of Chapters Seven and Eight of National Fire Protection Association (NFPA) 1407: Standard for Training Fire Service Rapid Intervention Crews (2015 Edition). The course is designed to show the complexities of managing and operating on a Rapid Intervention Crew. Topics covered include risk management, communication procedures, resource management, crew positions and benchmarks, integration into the Incident Command System (ICS), and rescue operations. This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines.

**Rationale:**

Effective July 1, 2016, the entire NCRIC certification program will include the following three required courses: FIP-3025 Safety & Survival, FIP-3026 Mayday, and FIP-6410 NCRIC Rapid Intervention Crew, pending approval by the Fire and Rescue Commission at its April 12, 2016 meeting. The courses FIP-3025 Safety & Survival and FIP-3026 Mayday already exist in the Combined Course Library (CCL) and do not require any additional action.

**Credentialing Agency:**

Office of State Fire Marshal (OSFM)  
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**Contact:**

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