



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
H. Martin Lancaster, President

April 8, 2008

RESPONSE DEADLINE: April 22, 2008

MEMORANDUM

TO: Select Chief Academic Officers
Colleges Approved to Offer Emergency Preparedness Technology (EPT)

FROM: Delores A. Parker, Vice President
Academic and Student Services

SUBJECT: Requested Revision in Emergency Preparedness Technology (A55420)

The System Office has received a request to revise the following curriculum standard:

Emergency Preparedness Technology (A55420)

Attached is a form requesting your approval or disapproval of the proposed changes. ***Please complete and return the form to Tracy McPherson by April 22, 2008.*** You may fax your response to (919) 807-7164. Once the responses have been received at the System Office, the request will be presented to the State Board of Community Colleges.

Thank you for your prompt attention to this matter. If you have questions, please contact Tracy McPherson at (919) 807-7117 or mcphersont@nccommunitycolleges.edu.

DAP/tm

Attachments

c: Select Presidents
Dr. Judith C. Mann
Ms. Tracy McPherson

S08-024
Email

**College Recommendation
Reply Form -- Fax to 919-807-7164**

Response Deadline: April 22, 2008

Curriculum Standard Revision Request Emergency Preparedness Technology (A55420)

Proposed Revisions:

- See details on **attached** EPT standard with proposed changes marked.

Notes:

- If approved, the proposed curriculum standard revision will be effective Spring 2009 and colleges will have until Spring 2010 to implement the new standard.
- The proposed curriculum standard revision is based on new and revised courses approved by the Curriculum Review Committee (CRC) on March 27, 2008. Details are **attached** in *Overview of EPT Course Changes*.
- A copy of all EPT courses in the *Combined Course Library*, including the new and revised courses referenced above, is also attached for your reference.

Rationale of Requesting College: This is part of a comprehensive curriculum development initiative between the N.C. Division of Emergency Management and colleges approved to offer the Emergency Preparedness Technology (A55420) program. The initiative has been coordinated by Durham Technical Community College with the participation and/or knowledge of all seven colleges currently approved to offer EPT.

Please indicate your recommendation below (check one):

_____ We have reviewed the proposed revisions and **recommend** the adoption of these changes for **Emergency Preparedness Technology (A55420)**.

_____ We have reviewed the proposed revisions and **do not recommend** the adoption of these changes for **Emergency Preparedness Technology (A55420)** for the following reason(s): _____

_____ We do not offer this program and wish to decline from making a recommendation.

College: _____

Signature of President: _____ **Date:** _____

Please return this form by **April 22, 2008** to:

Tracy McPherson, Director
Program Services
NC Community College System
5016 Mail Service Center
Raleigh, NC 27699-5016
Fax Number: (919) 807-7164

EMERGENCY PREPAREDNESS TECHNOLOGY

*Effective Term – Spring 2005 [2005*01] – CRC 3/09/04*

EPT 120	Sociology of Disaster	3	0	3
Prerequisites:	None			
Corequisites:	None			

This course is designed to overview sociological disaster research, disaster systems, and alternative research approaches. Topics include human and organizational behaviors, long term disaster impact on communities, disaster warning, and evacuation considerations. Upon completion, students should be able to assess and predict the impact of disaster-related human behavior.

*Effective Term – Fall 1999 [1999*03]*

EPT 120	Sociology of Disaster	2	0	2
Prerequisites:	None			
Corequisites:	None			

This course is designed to overview sociological disaster research, disaster systems, and alternative research approaches. Topics include human and organizational behaviors, long term disaster impact on communities, disaster warning, and evacuation considerations. Upon completion, students should be able to assess and predict the impact of disaster-related human behavior.

*Effective Term—Summer 2008 [2008*02] – CRC 3/27/08*

EPT 124	EM Services Law & Ethics	3	0	3
Prerequisites:	None			
Corequisites:	None			

This course covers federal and state laws that affect emergency service personnel in the event of a natural disaster or terrorist incident. Topics include initial response and long-term management strategies, with an emphasis on legal and ethical considerations and coordination between local, state, and federal agencies. Upon completion, students should have an understanding of the role of private industry, government agencies, public policies, and federal/state declarations of disasters in emergency situations.

*Effective Term—Summer 2008 [2008*02] – CRC 3/27/08*

EPT 130	Mitigation & Preparedness	3	0	3
Prerequisites:	None			
Corequisites:	None			

This course introduces the mitigation and preparation techniques and methods necessary to minimize the impact of natural, technological, and man-made disasters. Topics include hazard identification and mapping, design and construction applications, financial incentives, insurance, structural controls, preparation, planning, assessment, implementation, and exercises. Upon completion students should be able to develop a mitigation and preparedness plan.

*Effective Term – Spring 2009 [2009*01] – CRC 3/27/08*

EPT 150 Incident Management 3 0 3

Prerequisites: None

Corequisites: None

This course introduces the National Incident Management System (NIMS). Topics include integrating command and control systems, maintaining communication within command and control systems, and using NIMS procedures. Upon completion, students should be able to demonstrate knowledge of key concepts necessary for operating within the National Incident Management System.

*Effective Term – Fall 2002 [2002*03] – CRC-PS 4/17/02*

EPT 150 495 EMS Incident Management 2 2 3

Prerequisites: None

Corequisites: None

This course covers the fully integrated incident management system for EMS response to high impact incidents. Topics include mass casualty incidents, terrorists events, communications, training, triage, law and fire incident command. Upon completion, students should be able to implement and operate within the National Incident Management System.

*Effective Term – Fall 1999 [1999*03]*

*End Term – Summer 2002 [2002*02]*

EPT 195 EMS Incident Management 2 2 3

Prerequisites: None

Corequisites: None

This course covers the fully integrated incident management system for EMS response to high impact incidents. Topics include mass casualty incidents, terrorists events, communications, training, triage, law and fire incident command. Upon completion, students should be able to implement and operate within the National Incident Management System.

*Effective Term – Spring 2009 [2009*01] – CRC 03/27/08*

EPT 210 Response & Recovery 3 0 3

Prerequisites: None

Corequisites: None

This course introduces the basic concepts, operational procedures, and authorities involved in response and recovery efforts to major disasters. Topics include federal, state, and local roles and responsibilities in major disaster response and recovery work, with an emphasis on governmental coordination. Upon completion, students should be able to implement a disaster response plan and assess the needs of those involved in a major disaster.

*Effective Term – Spring 2008 [2008*01] – CRC 09/12/074*

EPT 210 Disaster Resp Ops Mgt 3 0 3

Prerequisites: None

Corequisites: None

This course covers the basic concepts and operational procedures and authorities involved in responding to major disasters. Topics include Federal, State, and local roles and responsibilities in major disaster recovery work with an emphasis on governmental coordination. Upon completion, students should be able to implement a disaster plan and assess the needs of those involved in a major disaster.

*Effective Term – Spring 2005 [2005*01] – CRC 3/09/04*

EPT 210	Disaster Resp Ops Mgt	3	0	3
Prerequisites:	FIP 236			
Corequisites:	None			

This course covers the basic concepts and operational procedures and authorities involved in responding to major disasters. Topics include Federal, State, and local roles and responsibilities in major disaster recovery work with an emphasis on governmental coordination. Upon completion, students should be able to implement a disaster plan and assess the needs of those involved in a major disaster.

*Effective Term – Fall 2002 [2002*03] – CRC-PS 4/17/02*

EPT 210 200	Disaster Resp Ops Mgt.	3	2	4
Prerequisites:	FIP 236			
Corequisites:	None			

This course covers the basic concepts and operational procedures and authorities involved in responding to major disasters. Topics include Federal, State, and local roles and responsibilities in major disaster recovery work with an emphasis on governmental coordination. Upon completion, students should be able to implement a disaster plan and assess the needs of those involved in a major disaster.

*Effective Term – Fall 1999 [1999*03]*

*End Term – Summer 2002 [2002*02]*

EPT 200	Disaster Resp Ops Mgt.	3	2	4
Prerequisites:	FIP 236			
Corequisites:	None			

This course covers the basic concepts and operational procedures and authorities involved in responding to major disasters. Topics include Federal, State, and local roles and responsibilities in major disaster recovery work with an emphasis on governmental coordination. Upon completion, students should be able to implement a disaster plan and assess the needs of those involved in a major disaster.

*Effective Term – Spring 2008 [2008*01] – CRC 09/12/074*

EPT 220	Terrorism and Emer. Mgt.	3	0	3
Prerequisites:	None			
Corequisites:	None			

This course covers preparing for, responding to, and safely mitigating terrorism incidents. Topics include the history of terrorism, scene hazards, evidence preservation, risk assessment, roles and responsibilities, explosive recognition, and terrorism planning. Upon completion,

students should be able to recognize the threat of terrorism and operate within the emergency management framework at a terrorism incident.

*Effective Term – Fall 2002 [2002*03] – CRC-PS 4/17/02*

EPT 220	Terrorism and Emer. Mgt.	3	0	3
Prerequisites:	EPT 210			
Corequisites:	None			

This course covers preparing for, responding to, and safely mitigating terrorism incidents. Topics include the history of terrorism, scene hazards, evidence preservation, risk assessment, roles and responsibilities, explosive recognition, and terrorism planning. Upon completion, students should be able to recognize the threat of terrorism and operate within the emergency management framework at a terrorism incident.

*Effective Term – Fall 1999 [1999*03]*

*End Term – Summer 2002 [2002*03]*

EPT 202	Terrorism and Emer. Mgt.	3	0	3
Prerequisites:	EPT 200			
Corequisites:	None			

This course covers preparing for, responding to, and safely mitigating terrorism incidents. Topics include the history of terrorism, scene hazards, evidence preservation, risk assessment, roles and responsibilities, explosive recognition, and terrorism planning. Upon completion, students should be able to recognize the threat of terrorism and operate within the emergency management framework at a terrorism incident.

*Effective Term—Summer 2008 [2008*02] – CRC 3/27/08*

EPT 225	Haz Analysis/Risk Assessment	3	0	3
Prerequisites:	None			
Corequisites:	None			

This course covers the probability and frequency of hazards, level of hazard exposure, and the effect or cost, both direct and indirect, of this exposure. Topics include identifying and characterizing hazards, evaluating hazard severity and frequency, estimating risks, and determining potential societal and economic effects. Upon completion, students should be able to identify the potential hazards and risks within a community.

*Effective Term—Summer 2008 [2008*02] – CRC 3/27/08*

EPT 230	Emergency Planning	3	0	3
Prerequisites:	None			
Corequisites:	None			

This course covers the rationale for and methods related to a comprehensive approach to emergency planning. Topics include the emergency planning process, command arrangement, coordination, budgetary issues, environmental contamination issues, and public policy concerns. Upon completion, students should be able to develop an emergency plan for a community.

*Effective Term—Summer 2008 [2008*02] – CRC 3/27/08*

EPT 260	Business Continuity	3	0	3
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Prerequisites: None
Corequisites: None

This course covers emergency preparedness techniques necessary to maintain business continuity. Topics include critical processes, planning, risk assessment, impact analysis, mitigation strategies, response, recovery and resumption activities. Upon completion, students should be able to demonstrate a working knowledge of the partnership between business and emergency response.

*Effective Term – Spring 2008 [2008*01] – CRC 09/12/07*

EPT 275	Emergency OPS Center Mgt	3	0	3
Prerequisites:	None			
Corequisites:	None			

This course provides students with the knowledge and skills to effectively manage and operate an EOC during crisis situations. Topics include properly locating and designing an EOC, staffing, training and briefing EOC personnel, and how to operate an EOC. Upon completion, students should be able to demonstrate how to set up and operate an effective emergency operations center.

*Effective Term – Spring 2005 [2005*01] – CRC 3/09/04*

EPT 275	Emergency OPS Center Mgt	3	0	3
Prerequisites:	FIP 236			
Corequisites:	None			

This course provides students with the knowledge and skills to effectively manage and operate an EOC during crisis situations. Topics include properly locating and designing an EOC, staffing, training and briefing EOC personnel, and how to operate an EOC. Upon completion, students should be able to demonstrate how to set up and operate an effective emergency operations center.

*Effective Term – Fall 1999 [1999*03]*

EPT 275	Emergency OPS Center Mgt.	3	2	4
Prerequisites:	FIP 236			
Corequisites:	None			

This course provides students with the knowledge and skills to effectively manage and operate an EOC during crisis situations. Topics include properly locating and designing an EOC, staffing, training and briefing EOC personnel, and how to operate an EOC. Upon completion, students should be able to demonstrate how to set up and operate an effective emergency operations center.

*Effective Term—Summer 2008 [2008*02] – CRC 3/27/08*

EPT 280	Building Resilient Comm	3	0	3
Prerequisites:	None			
Corequisites:	None			

This course covers concepts needed to design and implement strategies in protecting communities from disasters, including decreasing community vulnerability and increasing

community resiliency. Topics include disclosure of hazards, lifeline systems, evacuation planning, infrastructure location, analysis of building codes, public policy, natural environmental proactive systems, and educational programs. Upon completion, students should be able to develop a basic disaster-resilient community plan.

See the SEL and SEM prefixes for generic Selected Topics and Seminar course descriptions.

Overview of EPT Course Changes

Emergency Preparedness Technology (A55420)

The EPT curriculum standard revision request is based on the following course actions described below.

New EPT courses:

The following new EPT courses were approved on March 27, 2008 by the Curriculum Review Committee (CRC) and are available for college use effective Summer 2008.

Course #	Course Title	Semester that the new courses are available	
EPT 124	EM Services Law & Ethics <i>(on proposed standard as required subject area course)</i>	2008*02	Summer 2008
EPT 130	Mitigation & Preparedness <i>(on proposed standard as required course)</i>	2008*02	Summer 2008
EPT 225	Haz Analysis/Risk Assess	2008*02	Summer 2008
EPT 230	Emergency Planning	2008*02	Summer 2008
EPT 260	Business Continuity	2008*02	Summer 2008
EPT 280	Building Resilient Comm	2008*02	Summer 2008

Note: Prior to the approval/implementation of the proposed standard revision, the newly approved courses listed above may be used by colleges as Other Major Hours courses. Colleges would need to update their electronic programs of study to utilize these new courses.

Revised EPT Courses:

The following EPT courses were revised on March 27, 2008 by the CRC, with an effective term of Spring 2009.

Course #	Current Course Title	Approved Revisions	Semester that the revised courses are available	
EPT 150	EMS Incident Management	<ul style="list-style-type: none"> • Change title to "Incident Management" • Change hours from "2-2-3" to "3-0-3" • Change course description 	2009*01	Spring 2009
EPT 210	Disaster Resp Ops Mgt	<ul style="list-style-type: none"> • Change title to "Response & Recovery" • Change course description 	2009*01	Spring 2009

Note: Colleges have until Spring 2010 to implement the revised courses and, if approved, the attached curriculum standard revision.

Curriculum Program Title	Emergency Preparedness Technology	Code	A55420
Concentration	(not applicable)		

Curriculum Description

The Emergency Preparedness Technology curriculum is designed to provide students with a foundation of technical and professional knowledge needed for emergency services delivery in local and state government agencies. Study involves both management and technical aspects of law enforcement, fire protection, emergency medical services, and emergency planning.

Course work includes classroom and laboratory exercises to introduce the student to various aspects of emergency preparedness, protection, and enforcement. Students will learn technical and administrative skills such as investigative principles, hazardous materials, codes, standards, emergency agency operations, and finance.

Employment opportunities include ambulance services, fire/rescue agencies, law enforcement agencies, fire marshal offices, industrial firms, educational institutions, emergency management offices, and other government agencies. Employed persons should have opportunities for skilled and supervisory-level positions.

Curriculum Requirements*

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit in Program	64-76	36-48	12-18

Proposed

Major Hours

- A. **Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. **Concentration (if applicable).** A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. **Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Emergency Preparedness Technology A55420

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE	18 SHC 27 SHC		
Required Courses: EPT 120 Sociology of Disaster 3 SHC EPT 130 Mitigation & Preparedness (<i>new*</i>) 3 SHC EPT 150 EMS Incident Management (<i>moved below</i>) 3 SHC EPT 210 Disaster Resp Ops and Mgm't Response & Recovery 3 SHC EPT 220 Terrorism and Emer. Mgm't 3 SHC EPT 275 Emergency Ops Center Mgm't 3 SHC FIP 228 Local Government Finance 3 SHC FIP 236 Emergency Management 3 SHC			
Required Subject Areas: Incident Management. Select one course from the following: EPT 150 EMS Incident Management (<i>from above</i>) 3 SHC CJC 170 Crit Inc Mgt for Pub Saf 3 SHC Law and Ethics. Select one course from the following: EPT 124 EM Services Law & Ethics (<i>new*</i>) 3 SHC FIP 152 Fire Protection Law 3 SHC			
B. CONCENTRATION (Not applicable)			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> BUS, CIS, CJC, COE, CSC, EHS, EMS, EPT, FIP, HEA, NET, and POL <i>Foreign language courses (including ASL) that are not designated as approved other major hours may be included in all programs up to a maximum of 3 semester hours of credit.</i>			

Notes:

- **“New”* courses referenced above were approved by the Curriculum Review Committee (CRC) on March 27, 2008 and are available for college use as of Summer 2008.
- Revisions to the course titles of EPT 150 and EPT 210 were approved by the CRC on March 27, 2008 and are available for college use as of Spring 2009.