EMERGENCY SERVICES COUNCIL: 12/10/18

ITEM: V.4



Memorandum

TO: EMERGENCY SERVICES

COUNCIL

FROM: Raymond Riordan

SUBJECT: COMMUNITY EMERGENCY

RESPONSE TEAM

DATE: December 3, 2018

Approved

Date

3 DECEMBER 2018

RECOMMENDATION

- 1. Approve the national Community Emergency Response Team Training Curriculum for local delivery.
- 2. Approve the proposed San Jose Community Emergency Response Team Training schedule.

OUTCOME

Approval of the proposed use of the national Community Emergency Response Team (CERT) Curriculum and approval of the proposed CERT Training Schedule will allow the City of San José meet the requirements of California Code of Regulations, Title 19: Public Safety Division; Chapter 2: Emergencies and Major Disasters; Subchapter 3: Disaster Service Worker Volunteer Program. This legislation requires approval of the CERT Training Curriculum by the Emergency Services Council before training in San José begins.

BACKGROUND

The Community Emergency Response Team (CERT) program educates volunteers about disaster preparedness for the hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. CERT offers a consistent, nationwide approach to volunteer training and organization that professional responders can rely on during disaster situations, which allows them to focus on more complex tasks. Through CERT, the capabilities to prepare for, respond to and recover from disasters is built and enhanced.

Since 1993, CERT has impacted communities across the country, building essentials skills and capabilities to prepare for and respond to any disaster. There are now CERT programs in all 50

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states, including many tribal nations and U.S. territories; each unique to its community but all essential to building a Culture of Preparedness. The CERT program was designed as a grassroots initiative and specifically structured so that the local program managers have the flexibility to form their programs in the way that best suits their communities. CERT volunteers are trained to respond safely, responsibly, and effectively to emergency situations, but they can also support their communities during non-emergency events as well.

ANALYSIS

As stated in the California Code of Regulations, Title 19: Public Safety Division (as previously referenced), the Emergency Services Council is responsible to:

- 1) Require each person registered as a disaster service worker volunteer to satisfactorily complete a course of training or instruction, including periodic refresher training.
- 2) Ensure disaster training is approved, documented and supervised, and shall ensure disaster training is commensurate with the duties of the disaster service worker volunteer.

Curriculum:

It is the intent of the City of San Jose to adopt the National CERT Curriculum, modified to address local hazards and response considerations. Each of the nine (9) units provide instruction to ensure attendees have the skills to be a member of a CERT program. The adoption of a proposed curriculum addresses both Emergency Services Council responsibilities listed above.

See Attachment A, Proposed National CERT Curriculum for Local Delivery.

Training Schedule:

The Disaster Service Worker Volunteer Program (DSWVP) Guidance, managed by the California Office of Emergency Services (CalOES), identified that local Emergency Services Council or DSWVP Administrator must manage the volunteer program training including a preauthorized schedule of course delivery. Written pre-authorization to conduct training may occur on a one-time, monthly, quarterly, or annual basis provided it is in advance of the activity. It may be documented in different formats including Emergency Services Council meeting minutes, letterhead, or e-mail.

As noted in the DSWVP Guidance, the Pre-Authorized Training schedule includes:

- date(s); if unknown, provide month, quarter, etc.
- location; general location can be provided
- name of training/exercise
- objective(s)
- supervisor's name and title; if unknown, indicate training will be supervised
- optional information as may be required by registering agency

A detailed training schedule must consider identification of instructors to teach, of a facility to deliver the course, and for finalizing training materials, particularly multi-lingual materials. This coordination effort will take additional time to collaborate with City Council Members, their

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staff, and other groups. The DSWVP Guidance allows for approval of a conceptual schedule that can be modified. The proposed schedule provides services to the Districts damaged by the 2017 Coyote Creek Flood, the twelve locations identified by the one-time City Council funding, the level of interest by residents who have pre-registered, and organizations who identified an interest in the delivery of the program.

See Attachment B, Proposed CERT Training Schedule.

EVALUATION AND FOLLOW-UP

Curriculum:

The proposed CERT Curriculum may require updates to include specificity to the developing San Jose CERT program, Emergency Operations Plan updates, and progression in the emergency management programs. Opportunities for integration with other programs may require updates to the existing materials or create a need to design new curriculum and additional instructional units. In addition, at the end of each course delivery an evaluation will take place to help determine updates that may be required.

Training Schedule:

The proposed schedule will require refinement due to facility availability, qualified instructor availability, and registration counts for courses. Input from City Council Members and their staff on the delivery locations and supporting organizations may alter delivery timing. Starting in the spring of 2019, the OEM anticipates conducting three training per season, on average, over the next 12 months.

OEM will coordinate with City Council District staff to adjust the schedule to account for facility, instructor and registration considerations and access to translated materials. Currently training materials are available in English and Spanish. Translation in Vietnamese is not yet available, and considered in the planning effort.

PUBLIC OUTREACH

The opportunity for the Emergency Services Council to approve the CERT Curriculum and Training Schedule has been identified at the following public meetings:

- December 1, 2017 City Council Study Session,
- May 17, 2018 Community Resiliency Plan Status Report to the Public Safety, Finance and Strategic Support Committee, and
- August 16, 2018 Emergency Management Workplan Report at the Public Safety, Finance and Strategic Support Committee, and

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COORDINATION

This memo has been coordinated with the City Attorney's Office.

CEQA

According to CEQA Guideline PP17-009 this report is a Staff Report or Informational Memo that involves no approvals of any City action.

/s/ Raymond Riordan Director, Office of Emergency Management

For questions, please contact Raymond Riordan, Director, Office of Emergency Management, at (408) 794-7055.

Attachment A: Proposed National CERT Curriculum for Local Delivery

Attachment B: Proposed CERT Training Schedule

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Attachment A PROPOSED NATIONAL CERT CURRICULUM FOR LOCAL DELIVERY

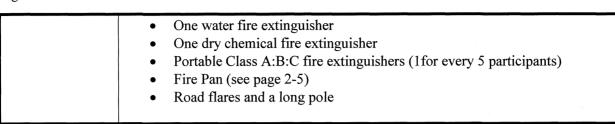
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Community Emergency Response Team				
Basic Training Outline				
Unit 1 - Disaster Preparedness				
Overview:	CERT is a critical program in the effort to engage everyone in America in making			
	their communities safer, more prepared, and more resilient when incidents occur.			
Intended	CERT Basic Training is designed to prepare you to help yourself and to help			
Audience:	others in the event of a catastrophic disaster. Because emergency services			
	personnel will not be able to help everyone immediately, you can make a			
	difference by using your CERT training to save lives and protect property.			
Learning	Upon completing this unit, the participants should be able to:			
objectives:	Identify the roles and responsibilities for community preparedness, to			
	include government, community leaders from all sectors, and the public.			
	Describe the types of hazards most likely to affect their community and			
	their potential impact on people, health, and infrastructure.			
	Undertake personal and organizational preparedness actions.			
	Describe the functions of CERTs and their role as a CERT member.			
Length:	2 hours 30 minutes			
Topics covered:	Unit 1 - Disaster Preparedness			
	✓ Introductions and Overview			
	✓ Community Preparedness: Roles and Responsibilities			
	✓ Hazards and Their Potential Impact			
	✓ Impact on the Infrastructure			
	✓ Home and Workplace Preparedness			
	✓ Reducing the Impact of Hazards Through Mitigation			
	✓ CERT Disaster Response			
	✓ Protection for Disaster Workers			
	✓ Additional Training for CERTs			
	✓ Unit Summary			
Scheduling	Office of Emergency Management – 408.794.7055			
information:	http://www.sanjoseca.gov/index.aspx?NID=1405			
Course materials:	✓ Community Emergency Response Team Instructor Guide			
	Community Emergency Response Team Participant Manual			
	PowerPoint Slides 1-0 through 1-35			
Б	✓ PowerPoint Slides from hazard modules selected			
Equipment:	The following additional equipment is required for this unit:			
	A computer with PowerPoint software			
	A computer projector and screen (1.6.			
	• Scissors (1 for every 5 participants)			
	• Tape (1 roll for every 5 participants)			
	• Two pieces of cardboard, approximately 8 by 10 inches (1 set for every 5 participants)			
	• Forty pieces of construction paper, 8.5 by 11 inches (1 set for every 5			
	participants)			
	1			

	Community Emergency Response Team			
	Basic Training Outline			
	Unit 2 – Fire Safety and Utility Controls			
Overview:	CERT is a critical program in the effort to engage everyone in America in making their communities safer, more prepared, and more resilient when incidents occur.			
Intended Audience:	CERT Basic Training is designed to prepare you to help yourself and to help others in the event of a catastrophic disaster. Because emergency services personnel will not be able to help everyone immediately, you can make a difference by using your CERT training to save lives and protect property.			
Learning objectives:	 Upon completing this unit, the participants should be able to: Explain the role of CERTs in fire safety. Identify and reduce potential fire and utility risks in the home and workplace. Know the nine steps of the CERT sizeup process. Conduct a basic sizeup for a fire emergency. Operate a portable fire extinguisher correctly. Understand minimum safety precautions, including safety equipment, utility control, buddy system, and backup teams. Identify the locations of hazardous materials in the community and home and reduce the risk from hazardous materials in the home. Extinguish small fires using a fire extinguisher 			
Length:	2 hours 30 minutes			
Topics covered: Scheduling	Unit 2 – Fire Safety and Utility Controls ✓ Introduction and Unit Overview ✓ Fire Chemistry ✓ Fire and Utility Hazards ✓ CERT Sizeup ✓ Fire Sizeup Considerations ✓ Firefighting Resources ✓ Fire Suppression Safety ✓ Hazardous Materials ✓ Exercise: Suppressing Small Fires ✓ Unit Summary Office of Emergency Management – 408, 794, 7055			
	Office of Emergency Management – 408.794.7055			
information: Course materials:	http://www.sanjoseca.gov/index.aspx?NID=1405 ✓ Community Emergency Response Team Instructor Guide ✓ Community Emergency Response Team Participant Manual ✓ PowerPoint Slides 2-0 through 2-32			
Equipment:	 The following additional equipment is required for this unit: A computer with PowerPoint software A computer projector and screen Samples of NFPA 704 Diamond and other hazardous materials placards, if possible One roll of cotton swabbing One Pyrex® jar with lid One box of wooden kitchen matches 			

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Community Emergency Response Team					
· I Jı	Basic Training Outline Unit 3 – Disaster Medical Operations — PART 1				
Overview:	CERT is a critical program in the effort to engage everyone in America in making their communities safer, more prepared, and more resilient when incidents occur.				
Intended Audience:	CERT Basic Training is designed to prepare you to help yourself and to help others in the event of a catastrophic disaster. Because emergency services personnel will not be able to help everyone immediately, you can make a difference by using your CERT training to save lives and protect property.				
Learning objectives:	Upon completing this unit, the participants should be able to: • Identify the "killers."				
	 Apply techniques for opening airways, controlling bleeding, and treating for shock. 				
Length:	• Conduct triage under simulated disaster conditions. 2 hours 30 minutes				
Topics covered:	Unit 3 – Disaster Medical Operations — PART 1 ✓ Introduction and Unit Overview ✓ Treating Life-Threatening Conditions ✓ Triage ✓ Unit Summary				
Scheduling information:	Office of Emergency Management – 408.794.7055 http://www.sanjoseca.gov/index.aspx?NID=1405				
Course materials:	 ✓ Community Emergency Response Team Instructor Guide ✓ Community Emergency Response Team Participant Manual ✓ PowerPoint slides 3-0 through 3-27 				
Equipment:	 The following additional equipment is required for this unit: A computer with PowerPoint software A computer projector and screen One mannequin Non-latex examination gloves (1 pair for each participant) One can of shaving cream 4- by 4-inch dressings (1 dressing for every 2 students) Note cards, markers, and masking tape 				

Community Emergency Response Team					
TT	Basic Training Outline				
	Unit 4 – Disaster Medical Operations — PART 2				
Overview:	CERT is a critical program in the effort to engage everyone in America in making their communities safer, more prepared, and more resilient when incidents occur.				
Intended	CERT Basic Training is designed to prepare you to help yourself and to help				
Audience:	others in the event of a catastrophic disaster. Because emergency services				
	personnel will not be able to help everyone immediately, you can make a difference by using your CERT training to save lives and protect property.				
Learning	Upon completing this unit, the participants should be able to:				
objectives:	Take appropriate sanitation measures to help protect public health.				
	Perform head-to-toe patient assessments.				
	Establish a treatment area.				
	Apply splints to suspected fractures and sprains and employ basic				
	treatments for other injuries.				
Length:	3 hours				
Topics covered:	Unit 4 – Disaster Medical Operations — PART 2				
	✓ Introduction and Unit Overview				
	✓ Public Health Considerations ✓ Functions of Director Medical Operations				
	✓ Functions of Disaster Medical Operations✓ Establishing Medical Treatment Areas				
	✓ Establishing Medical Treatment Areas ✓ Conducting Head-to-Toe Assessments				
	✓ Treating Burns				
	✓ Wound Care				
	✓ Treating Fractures, Dislocations, Sprains, and Strains				
	✓ Nasal Injuries				
	✓ Treating Cold-Related Injuries				
•	✓ Treating Heat-Related Injuries ✓ Bites and Stings				
	✓ Unit Summary				
Scheduling	Office of Emergency Management – 408.794.7055				
information:	http://www.sanjoseca.gov/index.aspx?NID=1405				
Course materials:	✓ Community Emergency Response Team Instructor Guide				
	✓ Community Emergency Response Team Participant Manual				
	PowerPoint slides 4-0 through 4-57				
Equipment:	The following additional equipment is required for this unit:				
	A computer with PowerPoint software A computer projector and sorgen				
	A computer projector and screenOne mannequin (optional)				
	One stretcher				
	 Non-latex examination gloves (1 pair per participant) 				
	4- by 4-inch dressings (1 for each participant)				
	One triangular bandage per participant				
	• Splinting material (cardboard, magazines, pieces of lath, pillows, towels,				
	etc.)				
	Note cards				
	Duct tape				

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	Community Emergency Response Team			
	Basic Training Outline			
	Unit 5 – Light Search and Rescue			
Overview:	CERT is a critical program in the effort to engage everyone in America in making their communities safer, more prepared, and more resilient when incidents occur.			
Intended Audience:	CERT Basic Training is designed to prepare you to help yourself and to help others in the event of a catastrophic disaster. Because emergency services personnel will not be able to help everyone immediately, you can make a difference by using your CERT training to save lives and protect property.			
Learning objectives:	 Upon completing this unit, the participants should be able to: Identify sizeup requirements for potential search and rescue situations. Describe the most common techniques for searching, both interior and exterior. Use safe techniques for debris removal and survivor extrication. Describe ways to protect rescuers during search and rescue. 			
Length:	2 hours 30 minutes			
Topics covered:	Unit 5 – Light Search and Rescue ✓ Introduction and Unit Overview ✓ Safety During Search and Rescue Operations			
	 ✓ Conducting Interior and Exterior Search Operations ✓ Conducting Rescue Operations ✓ Unit Summary 			
Scheduling information:	Office of Emergency Management – 408.794.7055 http://www.sanjoseca.gov/index.aspx?NID=1405			
Course materials:	 ✓ Community Emergency Response Team Instructor Guide ✓ Community Emergency Response Team Participant Manual ✓ PowerPoint slides 5-0 through 5-48 			
Equipment:	 The following additional equipment is required for this unit: A computer with PowerPoint software A computer projector and screen Mannequin(s) or rescue dummy(ies) for extrication Blankets for survivor carries Appropriate chairs for survivor carries Large, flat objects (e.g., table) and pieces of wood for leveraging and cribbing Pry bars or long 2" x 4" pieces of lumber 			

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Community Emergency Response Team				
Basic Training Outline				
Unit 6 – CERT Organization				
Overview:	CERT is a critical program in the effort to engage everyone in America in making			
	their communities safer, more prepared, and more resilient when incidents occur.			
Intended	CERT Basic Training is designed to prepare you to help yourself and to help			
Audience:	others in the event of a catastrophic disaster. Because emergency services			
	personnel will not be able to help everyone immediately, you can make a			
	difference by using your CERT training to save lives and protect property.			
Learning	Upon completing this unit, the participants should be able to:			
objectives:	Describe the CERT structure.			
	Identify how CERTs interrelate with the Incident Command System			
	(ICS).			
	Explain documentation requirements.			
Length:	1 hour 45 minutes			
Topics covered:	Unit 6 – CERT Organization			
	✓ Introduction and Unit Overview			
	✓ CERT Organization			
	✓ CERT Mobilization			
	✓ Documentation			
	✓ Activity: ICS Functions			
	✓ Tabletop Exercise			
	✓ Unit Summary			
Scheduling	Office of Emergency Management – 408.794.7055			
information:	http://www.sanjoseca.gov/index.aspx?NID=1405			
Course materials:	✓ Community Emergency Response Team Instructor Guide			
	✓ Community Emergency Response Team Participant Manual			
	✓ PowerPoint Slides 6-0 through 6-21			
Equipment:	The following additional equipment is required for this unit:			
	A computer with PowerPoint software			
	A computer projector and screen			

Community Emergency Response Team Basic Training Outline				
Unit 7 – Disaster Psychology				
Overview:	CERT is a critical program in the effort to engage everyone in America in making their communities safer, more prepared, and more resilient when incidents occur.			
Intended Audience:	CERT Basic Training is designed to prepare you to help yourself and to help others in the event of a catastrophic disaster. Because emergency services personnel will not be able to help everyone immediately, you can make a			
Learning objectives:	 difference by using your CERT training to save lives and protect property. Upon completing this unit, the participants should be able to: Describe the disaster and post-disaster emotional environment for survivors and rescuers. Describe the steps that rescuers can take to relieve their own stress and that of other disaster survivors. 			
Length:	45 minutes (this time does not include the video)			
Topics covered:	Unit 7 – Disaster Psychology ✓ Introduction and Unit ✓ Overview ✓ Disaster Trauma ✓ Team Well-Being ✓ Working with Survivors' Trauma ✓ Unit Summary			
Scheduling information:	Office of Emergency Management – 408.794.7055			
Course materials:	http://www.sanjoseca.gov/index.aspx?NID=1405 ✓ Community Emergency Response Team Instructor Guide ✓ Community Emergency Response Team Participant Manual ✓ Visuals 7-0 through 7-21			
Equipment:	The following additional equipment is required for this unit: • A computer with PowerPoint software • A computer projector and screen			

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Community Emergency Response Team				
Basic Training Outline				
	Unit 8 – Terrorism and CERT			
Overview:	CERT is a critical program in the effort to engage everyone in America in making			
	their communities safer, more prepared, and more resilient when incidents occur.			
Intended	CERT Basic Training is designed to prepare you to help yourself and to help			
Audience:	others in the event of a catastrophic disaster. Because emergency services			
	personnel will not be able to help everyone immediately, you can make a			
	difference by using your CERT training to save lives and protect property.			
Learning	Upon completing this unit, the participants should be able to:			
objectives:	Define terrorism.			
	Identify potential targets in the community.			
	Identify the eight signs of terrorism.			
	• Identify CERT operating procedures for a terrorist incident.			
	Describe the actions to take following a suspected terrorist incident.			
Length:	2 hours 30 minutes			
Topics covered:	Unit 8 – Terrorism and CERT			
	✓ Introduction and Unit Overview			
	✓ What Is Terrorism?			
	✓ Terrorist Targets			
	✓ Terrorist Weapons			
	✓ CBRNE Indicators			
	✓ Preparing at Home, Work, and in Your Neighborhood			
	✓ CERTs and Terrorist Incidents			
	✓ Exercise: Applying CERT Principles to a Suspected Terrorist Incident			
	✓ Unit Summary			
Scheduling	Office of Emergency Management – 408.794.7055			
information:	http://www.sanjoseca.gov/index.aspx?NID=1405			
Course materials:				
	✓ Community Emergency Response Team Participant Manual			
	✓ PowerPoint Slides 8-1 through 8-28			
Equipment:	The following additional equipment is required for this unit:			
	A computer with PowerPoint software			
	A computer projector and screen			

Community Emergency Response Team				
Basic Training Outline				
Unit 9 – Course Review, Final Exam, and Disaster Simulation				
Overview:	CERT is a critical program in the effort to engage everyone in America in making			
	their communities safer, more prepared, and more resilient when incidents occur.			
Intended	CERT Basic Training is designed to prepare you to help yourself and to help			
Audience:	others in the event of a catastrophic disaster. Because emergency services			
	personnel will not be able to help everyone immediately, you can make a			
	difference by using your CERT training to save lives and protect property.			
Learning	Upon completing this unit, the participants should be able to:			
objectives:	At the conclusion of this unit, the participants should be able to apply the			
	skills and knowledge learned in Units 1 through 8 to a simulated disaster			
	situation.			
Length:	2 hours 30 minutes			
Topics covered:	Unit 9 – Course Review, Final Exam, and Disaster Simulation			
	✓ Introduction and Unit Overview			
	✓ Course Review			
	✓ Final Exam ✓ Disaster Simulation			
Scheduling	✓ Exercise Critique and Summary Office of Emergency Management – 408.794.7055			
information:	http://www.sanjoseca.gov/index.aspx?NID=1405			
Course materials:	→ Community Emergency Response Team Instructor Guide			
Course materials.	✓ Community Emergency Response Team Instructor Guide ✓ Community Emergency Response Team Participant Manual			
	✓ Certificate of Completion (to be developed locally)			
Equipment:	The following additional equipment is required for this unit:			
1	A computer with PowerPoint software			
1	Computer projector and screen			
	Safety equipment			
	 Pieces of wood, furniture, or other items to simulate debris 			
	Two or more poles			
	Moulage (used to simulate injuries)			
	Other equipment items, which may be available from earlier units that may			
	add to the realism of the simulation			

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Attachment B PROPOSED CERT TRAINING SCHEDULE IN SAN JOSÉ

To develop a detailed schedule including identification of instructors to teach, of facility to deliver the course, and for finalizing training materials, particularly multi-lingual materials, will take additional time to coordinate with City Councilmembers, their staff, and other groups. The Disaster Service Worker Volunteer Guidance allows for a conceptual schedule that can be modified.

Month/Year	Location	Course and Objectives	Supervisor
Spring 2019	District 3	National CERT Curriculum	2 CERT Qualified
		Units 1-9 and objectives	Instructors
Spring 2019	District 6	National CERT Curriculum	2 CERT Qualified
		Units 1-9 and objectives	Instructors
Spring 2019	District 5	National CERT Curriculum	2 CERT Qualified
		Units 1-9 and objectives	Instructors
Summer	District 7	National CERT Curriculum	2 CERT Qualified
2019		Units 1-9 and objectives	Instructors
Summer	District 1	National CERT Curriculum	2 CERT Qualified
2019		Units 1-9 and objectives	Instructors
Summer	District 8	National CERT Curriculum	2 CERT Qualified
2019		Units 1-9 and objectives	Instructors
Fall 2019	District 10	National CERT Curriculum	2 CERT Qualified
		Units 1-9 and objectives	Instructors
Fall 2019	District 2	National CERT Curriculum	2 CERT Qualified
		Units 1-9 and objectives	Instructors
Fall 2019	District 4	National CERT Curriculum	2 CERT Qualified
		Units 1-9 and objectives	Instructors
Winter 2019	District 9	National CERT Curriculum	2 CERT Qualified
		Units 1-9 and objectives	Instructors
Winter	San Jose State	National CERT Curriculum	2 CERT Qualified
2020	University	Units 1-9 and objectives	Instructors
Winter 2020	To be	National CERT Curriculum	2 CERT Qualified
	determined	Units 1-9 and objectives	Instructors