# Electronics—Network Administrator— Advanced

	Total units	28-30	
Electronics Cooperative Work Experience I–IV (2-4		-4) 2-4	
ELEC 290-293			
ELEC 266	Network Management for Technicians	4	
ELEC 265	Computer Networking for N+ Certification	4	
ELEC 260	Microcomputer Systems and A+ Certification	4	
ELEC 147	Computer Repair and Networking	12	
CIS 10B			
ELEC/	Microcomputer Hardware and Software Upgrade	2	
Career/Techr			
Certificate o	f Achievement		

# Mobile Electronics—Basic

Certificate of Proficiency

Career/recrimical inviator code. 02902	reer/Technical (Major Code: 02902	2)
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Provides entry-level training in the installation and troubleshooting of audio, video, and security systems in automobiles. Introduces students to installation and testing of related systems and technology for businesses and homes.

_Complete	6 to 10 units from the following:	6-10
ELEC 15	Data, Voice, and Video Cable Installation (2)	
ELEC 20A	Mobile Electronics Certification I (2)	
ELEC 20B	Mobile Electronics Certification II (2)	
	OR	
ELEC 109/	Office Support and Network Technician (6)	
CIS 119		
ELEC 20A	Mobile Electronics Certification I (2)	
ELEC 20B	Mobile Electronics Certification II (2)	
L	 Total units	6-10

Total units

# **Emergency Medical Technology** and **Paramedic**

### **Higher Education Center at Otay Mesa**

Dean Silvia Cornejo, M.A., Office 4118D, 619-482-6755 Faculty Clark Binley, B.S.; Joanne Stonecipher, M.S.; Ronald Ungar, M.A. Department Chair Gary Creason, M.S.

#### **General Description**

Emergency medical technology and paramedic is the study of emergency medical care and the evaluation and treatment of injuries. These programs focus on both technical and practical knowledge while providing requisite skills to evaluate and treat a wide variety of medical and trauma emergencies in the prehospital setting. Students learn to administer medication, start intravenous lines, interpret EKG rhythm strips, and defibrillate patients in cardiac arrest, as well as to administer many other advanced life support procedures.

#### **Career Options**

Below is a sample of the career options available for the emergency medical or paramedic major. Most require an associate degree, some require a bachelor's degree, and a few of these require a graduate-level degree: emergency medical technician, paramedic, vocational teacher, college instructor, search and rescue responder, hospital technician, and emergency room technician.

Degree/Certificate Options	Major Code	
Associate in Science Degree: Career/Technical Emergency Medical Technology and Paramedic	02340	
<b>Certificate of Achievement</b> Emergency Medical Technology and Paramedic	02341	

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

# ASSOCIATE IN SCIENCE DEGREE

# Emergency Medical Technology and Paramedic

#### Career/Technical (Major Code: 02340)

Prepares students to give prehospital emergency care with classroom work and training in hospitals and in first-response vehicles in the field. Upon program completion, the students are eligible to take the exam for national certification. Students desiring to earn the associate in science degree should consult a counselor.

#### Department acceptance required for this program.

#### Prerequisites:

	BIOL 190	Human Anatomy and Physiology	4
	EMT 113	Emergency Medical Technician—Basic (Theory)	5
	EMT 113L	Emergency Medical Technician—Basic (Laboratory)	3
	First Semester		
	EMTP 200	Advanced Life Support Paramedic Theory I	8
	EMTP 200L	Advanced Life Support Paramedic Laboratory I	3
	EMTP 202	EMS Community Experience I	1
	Second Semes	ter	
	EMTP 201	Advanced Life Support Paramedic Theory II	8
	EMTP 201L	Advanced Life Support Paramedic Laboratory II	3
	EMTP 203	EMS Community Experience II	1
	Summer Sessi	on	
	EMTP 225	Hospital Clinical Experience for Paramedics	2
	EMTP 230	Field Training for Paramedics I	8
	EMTP 231	Field Training for Paramedics II	1
		Total units	47
	Required o	courses for an associate in science degree	
Γ	COMM 104	Public Speaking	
l		OR	3
L	COMM 174	Interpersonal Communication	
Γ	ENGL 115	Reading and Composition: Exposition and	
		Argumentation	

	Total units	10
PSYC 101	General Psychology	3
ENGL 116	Critical Thinking and Composition	
	OR	4
	Argumentation	

Recommended Elective: SOC 135.

To earn an associate degree, additional general education and graduation requirements must be completed. See page 51.

#### **EMTP Credit**

Licensed paramedics may be granted college units toward an associate in arts degree if they are currently licensed by the State of California. The student may receive a maximum of 6.5 units for previous EMT-1 training. The student may receive a maximum of 35 units for previous EMTP training.

*Note:* Grade of "C" is required for each course for progression and completion.

# CERTIFICATE

### Emergency Medical Technology and Paramedic

Certificate of Achievement

Career/Technical (Major Code: 02341)

#### Department acceptance required for this program.

#### Prerequisites:

	Total units	47
EMTP 231	Field Training for Paramedics II	1
EMTP 230	Field Training for Paramedics I	8
EMTP 225	Hospital Clinical Experience for Paramedics	2
Summer Sessio	on	
EMTP 203	EMS Community Experience II	1
EMTP 201L	Advanced Life Support Paramedic Laboratory II	3
EMTP 201	Advanced Life Support Paramedic Theory II	8
Second Semes	ter	
EMTP 202	EMS Community Experience I	1
EMTP 200L	Advanced Life Support Paramedic Laboratory I	3
EMTP 200	Advanced Life Support Paramedic Theory I	8
First Semester		
EMT 113L	Emergency Medical Technician—Basic (Laboratory)	3
EMT 113	Emergency Medical Technician—Basic (Theory)	5
BIOL 190	Human Anatomy and Physiology	4
DIOL 100		