



# EL MODENA HIGH SCHOOL CTE PATHWAYS



## ARTS, MEDIA & ENTERTAINMENT SECTOR

### DIGITAL PHOTOGRAPHY PATHWAY (111A)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Art of Digital Photography I	O748	02	F	SAC, CCC, IVC, OCC	
Art of Digital Photography II	O737	03	G		Adobe Certification
Yearbook: Digital Media	O597	03	F		
Professional Internship	O211	03			

### GRAPHIC DESIGN PATHWAY (111B)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Art of Graph Design I	O942	02	F	SAC, CCC, GWC, OCC, IVC	
Art of Graphic Design II	O952	03	F		Adobe Certification
Professional Internship	O211	03			

### VIDEO PRODUCTION PATHWAY (113)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Art of TV & Video Production	O946	02	F	SCC, OCC	
Art of TV & Video Production Adv.	O947	03	G	FCC	Adobe Certification
Video Production III (EMTV)	O948	03			
Professional Internship	O211	03			

### DANCE PATHWAY (112)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>
Professional Dance I	O707	01		
Professional Dance II	O709	02		
Professional Dance III	O706	03		
Art of Dance Composition	O715	03	F	



## BUSINESS & FINANCE SECTOR

### BUSINESS MANAGEMENT PATHWAY (182)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Principles of Business	O824	02			
Global Marketing (online)	O628E	02			
Marketing & Society (online)	O912E	03	G		
Professional Internship	O282	03			

## **BUILDING & CONSTRUCTION TRADES SECTOR**



### **RESIDENTIAL & COMMERCIAL CONSTRUCTION PATHWAY (NEW)**

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Foundations of Construction	O615	02	G		
Advanced Construction	O616				

## **EDUCATION, CHILD DEV. & FAMILY SERVICES SECTOR**



### **EDUCATION PATHWAY (132)**

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>
Child Development	O751	02	G	SCC
Careers In Education	O721	02	G	SCC
Professional Internship	O132	03		

## **ENGINEERING & DESIGN SECTOR**



### **ENGINEERING PATHWAY (152)**

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>
STEM Action Lab	O606	01		Middle School
Foundations of Technology & Eng.	O605	02	G	
Advanced Technology & Engineering	O594	03	G	
Professional Internship	O252	03		

## **HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR**



### **CARE PATHWAY (198)**

	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Medical Core	O806	02	G	SAC, OCC	CPR
Body Systems & Disorders	O614	03	G		
Hospital Occupations Intern	O777	03			CPR
Professional Internship	O298	03			

PATIENT

Courses

### **SPORTS MEDICINE PATHWAY (198)**

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Sports Medicine I (UC)	O803	02	G	IVC, OCC	CPR
Sports Medicine II	O804	03			
Professional Internship	O298	03			

## **HOSPITALITY, TOURISM & RECREATION SECTOR**



### **CULINARY ARTS PATHWAY (201)**

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Culinary Arts	O631	02	G	SAC, OCC	ServSafe Food Handler Baking &
Specialty Foods	O637	03	G		
Event Catering	O613	03			



## **INFORMATION COMMUNICATION TECHNOLOGY SECTOR**

### **COMPUTER SCIENCE PATHWAY (174)**

<b><u>Courses</u></b>	<b><u>COURSE #</u></b>	<b><u>VEL</u></b>	<b><u>A-G</u></b>	<b><u>Articulated</u></b>	<b><u>Industry Certification</u></b>
Exploring Computer Science	O651	02	G		
Internet Web Design & Develop.	O749		03		
AP Computer Science Principles	O932	03	G		
Professional Internship	O274	03			

Digital Marketing Collaborative (DMC) (174) - students must apply to program (10<sup>th</sup>-12<sup>th</sup> grade)

<b><u>Courses</u></b>	<b><u>COURSE #</u></b>	<b><u>VEL</u></b>	<b><u>A-G</u></b>	<b><u>Articulated</u></b>	<b><u>Industry Certification</u></b>
Marketing I	O913	02			
Web Soc Media Marketing	O641	03			
Professional Internship	O282	03			

### **ROBOTICS PATHWAY (174)**

<b><u>Courses</u></b>	<b><u>COURSE #</u></b>	<b><u>VEL</u></b>	<b><u>A-G</u></b>	<b><u>Articulated</u></b>	<b><u>Industry Certification</u></b>
Exploring Computer Science	O651	02	G		
Robotics I	O716	02		SCC, SAC, OCC	
Robotics II	O717	03			
Professional Internship	O274				



## **PUBLIC SERVICE SECTOR**

### **PUBLIC SAFETY PATHWAY (232)**

<b><u>Courses</u></b>	<b><u>COURSE #</u></b>	<b><u>VEL</u></b>	<b><u>A-G</u></b>	<b><u>Articulated</u></b>	<b><u>Industry Certification</u></b>
Criminal Justice	O924	02	G		
Crime Scene Investigation	O927	03			
Professional Internship	O232	03			Emergency Dispatch

### **EMERGENCY RESPONSE PATHWAY (233) AVAILABLE TO ALL (AFTERSCHOOL)**

<b><u>Courses</u></b>	<b><u>COURSE #</u></b>	<b><u>VEL</u></b>	<b><u>A-G</u></b>	<b><u>Articulated</u></b>	<b><u>Industry Certification</u></b>
Medical Core	O806	02	G	SAC, CCC,	CPR
EMS Dispatcher	O711	03	G		
Fire Science	O922	03			CPR
Fire Technology	O920	03		SAC	CPR
Emergency Medical Technician	O764	03		SAC	CPR, EMT
Professional Internship	O233	03			
Professional Internship	O231	03			