



# REGIONAL COURSE OFFERINGS 2023-24 SCHEDULE

**As of 9/1/2023**

## Student Eligibility

1. Students must be an incoming 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grade student for the 2023-24 school year from one of our five partner districts:
  - Anaheim Union High School District
  - Brea Olinda Unified School District
  - Fullerton Joint Union High School District
  - Los Alamitos Unified School District
  - Placentia-Yorba Linda Unified School District
2. Students must be available for the entire course schedule. NOCROP cannot make accommodations for personal schedules. Holidays and breaks are based on the school district calendar where the class is held.
3. Students must have transportation to attend and be picked up from class on time. NOCROP and its partner districts cannot provide transportation.

## Application Process

### See the ROP Counselor at your high school to pre-register

#### **Please note the following:**

- Submitting a pre-registration request to your ROP Counselor or Academic Counselor does not guarantee enrollment into the course.
- ROP may cancel a course offering at any time.
- NOCROP reports the attendance hours and final grades to the students' high school. The high school determines and awards transcript credit for students based on this information.
- NOCROP reserves the right to dismiss students from the course offering due to excessive absences, excessive tardiness, and other misbehavior.
- NOCROP updates this list of course offerings frequently due to changes resulting from funding, staffing, and student demand.

**Students need to check this schedule a week prior to the class start date**

**in case there are any changes in dates, times, locations, instructors, or cancellations.**

For Online Courses: You will receive an email notification directly from the instructor regarding access to the class.

*North Orange County Regional Occupational Programs (ROP) and activities shall be free from discrimination, including harassment, with respect to the actual or perceived ethnic group, religion, gender, color, race, ancestry, national origin, physical or mental disability, age, or sexual orientation. The Governing Board shall ensure equal opportunities for all students in admission and access to the educational program, guidance services, testing procedures, and other activities. ROP staff and volunteers shall carefully guard against discrimination, segregation, bias, and stereotyping in instruction, guidance, and supervision. (NOCROP BP 5145.3)*

*North Orange County ROP is fully accredited by the Accrediting Commission for Schools, Western Association of Schools and Colleges.*





## ARTS, MEDIA, and ENTERTAINMENT

<b>GRAPHIC DESIGN 1</b> <i>(Formally Digital Design and Illustration)</i>	
<b>Accepting Pre-registration</b>	<b>DESIGN, VISUAL, and MEDIA ARTS CAREER PATHWAY</b>
	<b>Location:</b> <b>Orientation and Meeting Location:</b> <b>Esperanza High School, Room 774</b> <b>1830 N. Kellogg Dr. Anaheim, 92807</b>
<b>UC/CSU "F" – Visual and Performing Arts</b>	<b>Start/End Dates:</b> 9/6/23 to 5/10/24 Spring Break 4/1/24 - 4/5/24
<b>Course Description:</b> Digital Design and Illustration trains students in the essentials of professional graphic design software used for electronic and print-ready artwork. Students learn digital layout, design, and illustration through project-based learning. Topics include foundational principles and elements of design, concept development, color theory, and typography. Current graphics software is used and assessed to verify proficiency in skills and concepts.	<b>Day(s)/Time:</b> Online 5 hours per week. Additional Meeting Days/Times listed in Notes.
	<b>ROP Course ID #:</b> AME1A
	<b>ROP Instructor &amp; Email:</b> Marie Shirran <a href="mailto:Mshirran@nocrop.us">Mshirran@nocrop.us</a>
	<b>Prerequisites:</b> None
	<b>Next Course Option(s) in this Pathway Sequence:</b> <ul style="list-style-type: none"> <li>• Visual Communications</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>• Minimum of 5 hours per week of online work required.</li> <li>• This course is taught via Google Classroom and Zoom office hours. Students will receive an email from the instructor the week prior to the start of class with access instructions.</li> <li>• <b>Students must attend a mandatory orientation at Esperanza High School, Room 774 on Wednesday, 9/6/23, from 4:30pm-6:00pm.</b></li> <li>• <b>There will be 4 additional in-person meeting dates from 4:30pm-6:00pm TBD.</b></li> </ul>	<b>Post-Secondary Options:</b> 2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.
	<b>ROP Administrator Email &amp; Phone:</b> Thomas Metcalf <a href="mailto:Tmetcalf@nocrop.us">Tmetcalf@nocrop.us</a> (714) 502-5853



## HEALTH SCIENCE & MEDICAL TECHNOLOGY

<b>MEDICAL CAREERS</b>														
<b>Accepting Pre-registration</b>	<b>PATIENT CARE CAREER PATHWAY</b>													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Location:</b></td> <td>Trident Education Center, Room 7 1800 W. Ball Road, Anaheim 92804</td> </tr> <tr> <td><b>Start/End Dates:</b></td> <td>8/31/23 to 5/9/24 Spring Break 3/25/24 to 3/29/24</td> </tr> <tr> <td><b>Day(s)/Time:</b></td> <td>Thursdays 4:30-8:30pm Online 1 Hour Per Week</td> </tr> <tr> <td><b>ROP Course ID #:</b></td> <td>TE1MC8</td> </tr> <tr> <td><b>ROP Instructor &amp; Email:</b></td> <td>Shirley Schofield <a href="mailto:sschofield@nocrop.us">sschofield@nocrop.us</a></td> </tr> <tr> <td><b>Prerequisites:</b></td> <td>None</td> </tr> <tr> <td><b>Next Course Option(s) in this Pathway Sequence:</b></td> <td> <ul style="list-style-type: none"> <li>Body Systems &amp; Disorders</li> <li>Dental Core</li> <li>Emergency Medical Technician</li> <li>Medical Assistant - Clinical &amp; Administrative</li> <li>Nursing Assistant - Long Term Care</li> <li>Sports Medicine &amp; Therapy</li> </ul> </td> </tr> </table>	<b>Location:</b>	Trident Education Center, Room 7 1800 W. Ball Road, Anaheim 92804	<b>Start/End Dates:</b>	8/31/23 to 5/9/24 Spring Break 3/25/24 to 3/29/24	<b>Day(s)/Time:</b>	Thursdays 4:30-8:30pm Online 1 Hour Per Week	<b>ROP Course ID #:</b>	TE1MC8	<b>ROP Instructor &amp; Email:</b>	Shirley Schofield <a href="mailto:sschofield@nocrop.us">sschofield@nocrop.us</a>	<b>Prerequisites:</b>	None	<b>Next Course Option(s) in this Pathway Sequence:</b>
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<p><b>UC/CSU "G" – General Elective</b></p>														
<p><b>Course Description:</b> Medical Careers trains students for entry-level occupations in the medical/health field and to standards required of workers in the field. Students learn the ethical and legal responsibilities of the health care worker, safety, HIPAA, transmission-based precautions, body mechanics, transporting duties, human anatomy and physiology, the normal function of body systems, advanced terminology, and vital signs. Also included are health care delivery systems, regulatory agencies, research, current technology, and socio-economic issues affecting health care. Students research career opportunities in therapeutic, diagnostic, and supportive areas.</p> <p>This course is the first course in a pathway leading to industry-based capstone courses with state required competencies, physical agility, social security number and more. <b>Please review the capstone course requirements prior to beginning this course of study.</b></p>														
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>If taken in high school, Medical Careers will substitute for the Medical Terminology prerequisite for certain ROP Adult, Fee-Based Programs.</li> </ul>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Post-Secondary Options:</b></td> <td>2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.  ROP Adult, Fee-Based Programs (Certificate or Licensing Preparation)</td> </tr> <tr> <td><b>ROP Administrator Email &amp; Phone:</b></td> <td>Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649</td> </tr> </table>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.  ROP Adult, Fee-Based Programs (Certificate or Licensing Preparation)	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649									
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<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649													

## MEDICAL CAREERS

<b>MEDICAL CAREERS</b>	
<b>Accepting Pre-registration</b>	<b>PATIENT CARE CAREER PATHWAY</b>
	<b>Location:</b> Esperanza High School, Room D-1 1830 N. Kellogg Drive, Anaheim 92807
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b> 9/6/23 to 5/8/24 Spring Break 4/1/24 to 4/5/24
<b>Course Description:</b> Medical Careers trains students for entry-level occupations in the medical/health field and to standards required of workers in the field. Students learn the ethical and legal responsibilities of the health care worker, safety, HIPAA, transmission-based precautions, body mechanics, transporting duties, human anatomy and physiology, the normal function of body systems, advanced terminology, and vital signs. Also included are health care delivery systems, regulatory agencies, research, current technology, and socio-economic issues affecting health care. Students research career opportunities in therapeutic, diagnostic, and supportive areas.  This course is the first course in a pathway leading to industry-based capstone courses with state required competencies, physical agility, social security number and more. <b>Please review the capstone course requirements prior to beginning this course of study.</b>	<b>Day(s)/Time:</b> M / W 4:30-7:30pm
	<b>ROP Class ID #:</b> EZ1MC7
	<b>ROP Instructor &amp; Email:</b> Lana Arellanez <a href="mailto:larellanez@nocrop.us">larellanez@nocrop.us</a>
	<b>Prerequisites:</b> None
	<b>Next Course Option(s) in this Pathway Sequence:</b> <ul style="list-style-type: none"> <li>Body Systems &amp; Disorders</li> <li>Dental Core</li> <li>Emergency Medical Technician</li> <li>Medical Assistant - Clinical &amp; Administrative</li> <li>Nursing Assistant - Long Term Care</li> <li>Sports Medicine &amp; Therapy</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>If taken in high school, Medical Careers will substitute for the Medical Terminology prerequisite for certain ROP Adult, Fee-Based Programs.</li> </ul>	<b>Post-Secondary Options:</b> 2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.  ROP Adult, Fee-Based Programs (Certificate or Licensing Preparation)
	<b>ROP Administrator Email &amp; Phone:</b> Thomas Metcalf <a href="mailto:tmetcalf@nocrop.us">tmetcalf@nocrop.us</a> 714-502-5853

# BODY SYSTEMS

(Formerly BODY SYSTEMS and DISORDERS)

<b>Accepting Pre-registration</b>		<b>PATIENT CARE CAREER PATHWAY</b>	
		<b>Location:</b>	Trident Education Center, Room 7 1800 W. Ball Road, Anaheim 92804
<i>UC/CSU "D" – Laboratory Science</i>		<b>Start/End Dates:</b>	9/5/23 to 5/14/24 Spring Break 3/25/24 to 3/29/24
<p><b>Course Description:</b> This course trains students on human anatomy and physiology, normal function of body systems, and associated pathologies. Students learn advanced medical terminology as applied to diseases, disorders, and medical interventions. The course includes in-depth instruction on the respiratory, genitourinary, gastrointestinal, nervous, and musculoskeletal systems. Study includes cell physiology, diseases and disorders, as well as health maintenance.</p>		<b>Day(s)/Time:</b>	Tuesdays 4:30-8:30pm Online 1 Hour Per Week
		<b>ROP Course ID #:</b>	TE1BS7
		<b>ROP Instructor &amp; Email:</b>	Shirley Schofield <a href="mailto:sschofield@nocrop.us">sschofield@nocrop.us</a>
		<b>Prerequisites:</b>	Medical Careers with a "C" or better
		<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• Medical Assistant: Clinical &amp; Administrative</li> <li>• Nursing Assistant: Long-Term Care</li> </ul>
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• For the Medical Assisting and Nursing Assistant, Long-Term Care course, students completing Body Systems and Disorders with a "C" or better grade will earn priority registration over students who complete only Medical Careers.</li> <li>• This course fulfills the Medical Terminology prerequisite for related ROP Adult, Fee-Based Programs.</li> </ul>		<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University  ROP Adult, Fee-Based Programs (Certificate or Licensing Preparation) <ul style="list-style-type: none"> <li>• Medical Assistant: Clinical &amp; Administrative</li> <li>• Nursing Assistant: Long-Term Care</li> <li>• Vocational Nursing</li> </ul>
		<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649

## **MIRE**

*(Medical Innovation, Research and Entrepreneurship)*

<b>AT CAPACITY</b>	<b>Location:</b>	
	<b>Start/End Dates:</b>	<b>Trident Education Center, Room 8</b> 1800 W. Ball Road, Anaheim 92804
<p><b>Course Description:</b> A one-of-a-kind opportunity to work alongside Orange County's top leaders in medical innovation and medicine. The 11-week, cross-disciplinary curriculum combines science, research, Artificial Intelligence (AI), law, and entrepreneurship to impart a real-world view of the multidisciplinary skills needed to thrive in the biotech/medtech entrepreneurial world.</p> <p><b>Program Topics</b></p> <ul style="list-style-type: none"> <li>• Introduction to Medical Innovation</li> <li>• Basic Research &amp; Developing an Idea/Biotech Application</li> <li>• Introduction to FDA Regulatory Strategy</li> <li>• AI/Data Science in Healthcare</li> <li>• Data and Electronic Health Records</li> <li>• Forming &amp; Protecting a Biotech Company</li> <li>• Funding &amp; Product Development/Commercialization</li> <li>• Effective Pitching Strategies</li> </ul> <p><b>Student Learning Outcomes (SLO)</b></p> <ul style="list-style-type: none"> <li>• Integrate Academic and Technical Skills</li> <li>• Practice Problem-Solving and Critical Thinking Skills</li> <li>• Communicate and Collaborate with Diverse Audiences</li> <li>• Demonstrate of Creativity and Innovation</li> <li>• Act as Responsible Ethical Citizens</li> <li>• Develop Personal Educational and Career Goals</li> </ul>	<b>Day(s)/Time:</b>	<p><b>Fall 2023</b> September 5 – November 16 Ceremony – November 16 Tuesday – 4:00 p.m. to 6:00 p.m. (online) Thursday – 4:30 p.m. to 6:30 p.m. (in person)</p> <p><b>Spring 2024</b> January 9 – March 21 Ceremony – March 21 Tuesday – 4:00 p.m. to 6:00 p.m. (online) Thursday – 4:30 p.m. to 6:30 p.m. (in person)</p>
	<b>ROP Class ID #:</b>	TE1BS7
	<b>ROP Instructor &amp; Email:</b>	Marie Shirran <a href="mailto:mshirran@nocrop.us">mshirran@nocrop.us</a>
	<b>Prerequisites:</b>	N/A
	<b>Next Course Option(s) in this Pathway Sequence:</b>	N/A
	<b>Post-Secondary Options:</b>	N/A
	<p><b>Notes:</b> <b>Fall Session:</b> 1 hour online mandatory student/parent orientation meeting, Tuesday, August 22, 2023, 4:30pm-5:30pm</p> <p><b>Spring Session:</b> 1 hour online mandatory student/parent orientation meeting, Tuesday, December 19, 2023, 4:30pm-5:30pm</p>	<b>ROP Administrator Email &amp; Phone:</b>

## **MEDICAL ASSISTANT: CLINICAL and ADMINISTRATIVE**

<b>Accepting Pre-registration</b>		<b>PATIENT CARE CAREER PATHWAY</b>	
		<b>Location:</b>	Esperanza High School, Room A-2 1830 N. Kellogg Drive, Anaheim 92807
<b>UC/CSU "G" – General Elective</b>		<b>Start/End Dates:</b>	9/5/23 to 5/9/24 Spring Break 4/1/24 to 4/5/24
<b>Course Description:</b> Students gain a variety of medical assisting skills including greeting clients and patients, taking vital signs, recording current medications, noting complaints and symptoms, and setting up patient exam rooms for specific types of examinations. Learn how to recognize infection, assist physician with physical exams and minor surgical procedures, perform laboratory procedures including blood withdrawal, urinalysis, and specimen collection, and assist with diagnostic procedures. This class prepares students for jobs as clinical, back-office medical assistants.		<b>Day(s)/Time:</b>	T / Th 4:30-8:00pm and Mandatory Summer Internship
		<b>ROP Class ID #:</b>	EZ1MA7
		<b>ROP Instructor &amp; Email:</b>	Lana Arellanez <a href="mailto:larellanez@nocrop.us">larellanez@nocrop.us</a>
		<b>Prerequisites:</b>	<ul style="list-style-type: none"> <li>• Medical Careers</li> <li>• Body Systems and Disorders</li> </ul>
		<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• This is the capstone course for this pathway.</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>• Must be at least 17 years of age by 6/15/2023 to enroll.</li> <li>• TB test and/or Hepatitis B may be required by clinical site.</li> <li>• This course may require students to perform certain activities that include, but are not limited to:                             <ul style="list-style-type: none"> <li>- Blood withdrawal</li> <li>- Capillary puncture</li> <li>- Injections</li> <li>- Electrocardiogram</li> <li>- Considerable standing</li> <li>- Heavy lifting (50 lbs.)</li> <li>- Repetitive hand and arm motions that may cause or exacerbate any pre-existing auto-immune, muscular, joint, cardiovascular, neurological and/or orthopedic conditions.</li> </ul> </li> <li>• <b>120 hours mandatory Summer Internship</b> for all students to complete the course—this includes graduating Seniors.</li> <li>• <b>Mandatory Parent/Guardian Meeting on first night of class, 9/5/23, from 7:00pm-8:00pm.</b></li> </ul>		<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.  Students successfully completing this course are immediately employable.  Course includes the preparation and related requirements to sit for the <b>CCMA-California Certified Medical Assistant</b>  ROP Adult, Fee-Based Programs (Certificate or Licensing Preparation)
		<b>ROP Administrator Email &amp; Phone:</b>	Thomas Metcalf <a href="mailto:tmetcalf@nocrop.us">tmetcalf@nocrop.us</a> 714-502-5853
		<b>Counselor Requirement*</b>	Transcript required to complete Pre-registration process. Email transcript to: <a href="mailto:HSregistration@nocrop.us">HSregistration@nocrop.us</a>

## **MEDICAL ASSISTANT: CLINICAL and ADMINISTRATIVE**

<b>At Capacity</b>	<b>PATIENT CARE CAREER PATHWAY</b>	
	<b>Location:</b>	Savanna High School, Room 30 301 N. Gilbert Street, Anaheim, CA 92801
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b>	8/30/23 to 5/8/24 Spring Break 3/25/24 to 3/29/24
<b>Course Description:</b> Students gain a variety of medical assisting skills including greeting clients and patients, taking vital signs, recording current medications, noting complaints and symptoms, and setting up patient exam rooms for specific types of examinations. Learn how to recognize infection, assist physician with physical exams and minor surgical procedures, perform laboratory procedures including blood withdrawal, urinalysis, and specimen collection, and assist with diagnostic procedures. This class prepares students for jobs as clinical, back-office medical assistants.	<b>Day(s)/Time:</b>	Mondays 4:30-8:30pm Wednesdays 4:30-8:00pm and Mandatory Summer Internship
	<b>ROP Class ID #:</b>	SA1MA8
	<b>ROP Instructor &amp; Email:</b>	Melissa Ocegquera
	<b>Prerequisites:</b>	<ul style="list-style-type: none"> <li>• Medical Careers</li> <li>• Body Systems and Disorders</li> </ul>
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• This is the capstone course for this pathway.</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>• Must be at least 17 years of age by 6/15/2023 to enroll.</li> <li>• TB test and/or Hepatitis B may be required by clinical site.</li> <li>• This course may require students to perform certain activities that include, but are not limited to: <ul style="list-style-type: none"> <li>- Blood withdrawal</li> <li>- Capillary puncture</li> <li>- Injections</li> <li>- Electrocardiogram</li> <li>- Considerable standing</li> <li>- Heavy lifting (50 lbs.)</li> <li>- Repetitive hand and arm motions that may cause or exacerbate any pre-existing auto-immune, muscular, joint, cardiovascular, neurological and/or orthopedic conditions.</li> </ul> </li> <li>• <b>120 hours mandatory Summer Internship</b> for all students to complete the course—this includes graduating Seniors.</li> <li>• <b>Mandatory Parent/Guardian Meeting on first night of class, 8/30/23, from 7:00pm-8:00pm.</b></li> </ul>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.  Students successfully completing this course are immediately employable.  Course includes the preparation and related requirements to sit for the <b>CCMA-California Certified Medical Assistant</b>  ROP Adult, Fee-Based Programs (Certificate or Licensing Preparation)
	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649
	<b>Counselor Requirement*</b>	Transcript required to complete Pre-registration process. Email transcript to: <a href="mailto:HSregistration@nocrop.us">HSregistration@nocrop.us</a>



## **MEDICAL ASSISTANT: CLINICAL and ADMINISTRATIVE**

<b>Limited Space Available</b>	<b>PATIENT CARE CAREER PATHWAY</b>	
	<b>Location:</b>	Savanna High School, Room 30 301 N. Gilbert Street, Anaheim, CA 92801
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b>	8/31/23 to 5/9/24 Spring Break 3/25/24 to 3/29/24
<b>Course Description:</b> Students gain a variety of medical assisting skills including greeting clients and patients, taking vital signs, recording current medications, noting complaints and symptoms, and setting up patient exam rooms for specific types of examinations. Learn how to recognize infection, assist physician with physical exams and minor surgical procedures, perform laboratory procedures including blood withdrawal, urinalysis, and specimen collection, and assist with diagnostic procedures. This class prepares students for jobs as clinical, back-office medical assistants.	<b>Day(s)/Time:</b>	T/TH 4:30-8:00pm and Mandatory Summer Internship
	<b>ROP Class ID #:</b>	SA1MA8
	<b>ROP Instructor &amp; Email:</b>	Melissa Ocegüera
	<b>Prerequisites:</b>	<ul style="list-style-type: none"> <li>• Medical Careers</li> <li>• Body Systems and Disorders</li> </ul>
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• This is the capstone course for this pathway.</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>• Must be at least 17 years of age by 6/15/2023 to enroll.</li> <li>• TB test and/or Hepatitis B may be required by clinical site.</li> <li>• This course may require students to perform certain activities that include, but are not limited to:                             <ul style="list-style-type: none"> <li>- Blood withdrawal</li> <li>- Capillary puncture</li> <li>- Injections</li> <li>- Electrocardiogram</li> <li>- Considerable standing</li> <li>- Heavy lifting (50 lbs.)</li> <li>- Repetitive hand and arm motions that may cause or exacerbate any pre-existing auto-immune, muscular, joint, cardiovascular, neurological and/or orthopedic conditions.</li> </ul> </li> <li>• <b>120 hours mandatory Summer Internship</b> for all students to complete the course—this includes graduating Seniors.</li> <li>• <b>Mandatory Parent/Guardian Meeting on first night of class, 8/31/23, from 7:00pm-8:00pm.</b></li> </ul>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.  Students successfully completing this course are immediately employable.  Course includes the preparation and related requirements to sit for the <b>CCMA-California Certified Medical Assistant</b>  ROP Adult, Fee-Based Programs (Certificate or Licensing Preparation)
	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649
	<b>Counselor Requirement*</b>	Transcript required to complete Pre-registration process. Email transcript to: <a href="mailto:HSregistration@nocrop.us">HSregistration@nocrop.us</a>

## NURSING ASSISTANT: LONG-TERM CARE

<b>At Capacity</b>	<b>PATIENT CARE CAREER PATHWAY</b>		
	<b>Location:</b>	<b>Trident Education Center, Room 7</b> 1800 W. Ball Road, Anaheim 92804	
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b> <b>FALL SEMESTER</b>	9/6/23 to 12/20/23	
<p><b>Course Description:</b> This course teaches basic nursing care, emergency procedures, communication, and skills for working as a member of the health care team. Students prepare for a written skills based nursing examination required for <b>California State Nurse Assistant Certification</b>. You will be prepared to work in skilled nursing facilities, intermediate care facilities (ICF), and ICF for residents with developmental disabilities.</p> <p><b>*Priority registration</b> will be given to students who complete Body Systems and Disorders with a "C" or better.</p> <p><b>Notes:</b> <u>Per the California Department of Public Health Initial Application (CDPH 283B) this course requires:</u></p> <ul style="list-style-type: none"> <li>• Valid Social Security card</li> <li>• ITIN (Individual Tax Identification Number)</li> <li>• government issued photo ID</li> <li>• Fingerprint (Live Scan) clearance (Provided at no cost by North Orange County ROP 2 weeks after the start of class)</li> <li>• 2-step PPD TB test, Chest X-ray or QuantiFERON-TB Gold blood test</li> <li>• Physical exam on NOCROP form due NO LATER than 2 weeks prior to start of clinical</li> <li>• Proof of COVID Vaccination Series and applicable boosters</li> </ul> <p><u>Additional information:</u></p> <ul style="list-style-type: none"> <li>• High school students must be at least 17 years of age to enroll</li> <li>• This course may require students to perform certain activities that include, but are not limited to: Considerable standing, heavy lifting (50 lbs.) Repetitive hand and arm motions that may cause or exacerbate any pre-existing auto-immune, muscular, joint, cardiovascular, neurological and/or orthopedic conditions.</li> <li>• <b>First night of class will start at 6:00pm on 9/6/23 with a mandatory parent/guardian orientation meeting. You will not be allowed to participate in the program without your parent/guardian attending the orientation meeting.</b></li> <li>• This course includes 100 mandatory work-based learning hours that must be completed on nights and weekends as scheduled with instructor.</li> </ul> <p><b>*Students/Parents failing to complete any of the mandatory pre-requisites by the due date will not be allowed to participate in the WBL. They may remain in the class for HS credit only and will not be qualified to sit for the State Certification at the end of the course</b></p>	<b>Day(s)/Time:</b>	M / W 4:30-8:30pm Saturday 6:45am-3:15pm	
	<b>ROP Class ID #:</b>	TE1NA7	
	<b>ROP Instructor &amp; Email:</b>	Shirley Schofield <a href="mailto:sschofield@nocrop.us">sschofield@nocrop.us</a>	
	<b>Prerequisites:</b>	<ul style="list-style-type: none"> <li>• Medical Careers</li> <li>• Body Systems and Disorders (Recommended/Priority Registration*)</li> </ul>	
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>	
	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University  Direct employment for students successfully completing <b>Certified Nurse Assistant Certification</b> .  ROP Adult, Fee-Based Programs (Certificate or Licensing Preparation)	
<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649		
<b>Counselor Requirement*</b>	Transcript required to complete Pre-registration process. Email transcript to: <a href="mailto:HSregistration@nocrop.us">HSregistration@nocrop.us</a>		

## NURSING ASSISTANT: LONG-TERM CARE

<b>At Capacity</b>	<b>PATIENT CARE CAREER PATHWAY</b>	
	<b>Location:</b>	Trident Education Center, Room 7 1800 W. Ball Road, Anaheim 92804
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b> <b>SPRING SEMESTER</b>	1/17/24 to 5/13/24 Spring Break 3/25/24 to 3/29/24
<b>Course Description:</b> This course teaches basic nursing care, emergency procedures, communication, and skills for working as a member of the health care team. Students prepare for a written skills-based nursing examination required for <b>California State Nurse Assistant Certification</b> . You will be prepared to work in skilled nursing facilities, intermediate care facilities (ICF), and ICF for residents with developmental disabilities.	<b>Day(s)/Time:</b>	M / W 4:30-8:30pm Saturday 6:45am-3:15pm
	<b>ROP Class ID #:</b>	TE2NA7
	<b>ROP Instructor &amp; Email:</b>	Shirley Schofield <a href="mailto:sschofield@nocrop.us">sschofield@nocrop.us</a>
	<b>Prerequisites:</b>	<ul style="list-style-type: none"> <li>• Medical Careers</li> <li>• Body Systems and Disorders (Recommended/Priority Registration*)</li> </ul>
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
	<b>Notes:</b> <u>Per the California Department of Public Health Initial Application (CDPH 283B) this course requires:</u>	<b>Post-Secondary Options:</b>
<ul style="list-style-type: none"> <li>• valid Social Security card</li> <li>• ITIN (Individual Tax Identification Number)</li> <li>• government issued photo ID</li> <li>• fingerprint clearance (Provided at no cost by North Orange County ROP)</li> <li>• 2-step PPD TB test with physical exam</li> <li>• Proof of COVID Vaccination Series and applicable boosters</li> </ul>	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649
<u>Additional information:</u> <ul style="list-style-type: none"> <li>• High school students must be at least 17 years of age to enroll</li> <li>• This course may require students to perform certain activities that include, but are not limited to: Considerable standing, heavy lifting (50 lbs.) Repetitive hand and arm motions that may cause or exacerbate any pre-existing auto-immune, muscular, joint, cardiovascular, neurological and/or orthopedic conditions.</li> <li>• <b>*Priority registration</b> will be given to student who complete Body Systems and Disorders with a "C" or better.</li> <li>• <b>First night of class will start at 6:00pm 1/17/24 with a mandatory parent/guardian orientation meeting. You will not be allowed to participate in the program without your parent/guardian attending the orientation meeting.</b></li> <li>• This course includes 100 mandatory work-based learning hours that must be completed on nights and weekends as scheduled with instructor.</li> </ul>	<b>Counselor Requirement*</b>	Transcript required to complete Pre-registration process. Email transcript to: <a href="mailto:HSregistration@nocrop.us">HSregistration@nocrop.us</a>



## HOSPITALITY, TOURISM, & RECREATION

<b>INTRODUCTION to CULINARY ARTS</b>	
<b>Accepting Pre-registration</b>	<b>FOOD SERVICE &amp; HOSPITALITY CAREER PATHWAY</b>
	<b>Location:</b> Yorba Linda High School, Room 402 19900 Bastanchury Rd., Yorba Linda 92886
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b> 8/29/23 to 5/14/24 Spring Break 4/1/24 - 4/5/24
<b>Course Description:</b> Introduction to Culinary Arts trains students to perform routine tasks under the direction of cooks, chefs, or food service managers. Students learn safety and sanitation, and introduction to food service operations, nutrition, food preparation and presentation. Food preparation workers prepare cold foods, slice meat, peel and cut vegetables, and perform many other food service tasks.	<b>Day(s)/Time:</b> Tu / Th 4:30-7:00pm
	<b>ROP Class ID #:</b> YL1IC7
	<b>ROP Instructor &amp; Email:</b> Jason Jassmann <a href="mailto:jjassmann@nocrop.us">jjassmann@nocrop.us</a>
	<b>Prerequisites:</b> None
	<b>Next Course Option(s) in this Pathway Sequence:</b> <ul style="list-style-type: none"> <li>• Culinary Arts; or</li> <li>• Retail Restaurant/Food Services Occupations</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>• PYLUSD students given priority registration.</li> </ul>	<b>Post-Secondary Options:</b> 2-yr or 4-yr College/University
	<b>ROP Administrator Email &amp; Phone:</b> Thomas Metcalf <a href="mailto:tmetcalf@nocrop.us">tmetcalf@nocrop.us</a> (714) 502-5853

<b>CULINARY ARTS</b>	
<b>Accepting Pre-registration</b>	<b>FOOD SERVICE &amp; HOSPITALITY CAREER PATHWAY</b>
	<b>Location:</b> Yorba Linda High School, Room 402 19900 Bastanchury Rd., Yorba Linda 92886
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b> 8/29/23 to 5/14/24 Spring Break 4/1/24 - 4/5/24
<b>Course Description:</b> Introduction to Culinary Arts trains students to perform routine tasks under the direction of cooks, chefs, or food service managers. Students learn safety and sanitation, and introduction to food service operations, nutrition, food preparation and presentation. Food preparation workers prepare cold foods, slice meat, peel and cut vegetables, and perform many other food service tasks.	<b>Day(s)/Time:</b> Tu / Th 4:30-7:00pm
	<b>ROP Class ID #:</b> YL1CA8
	<b>ROP Instructor &amp; Email:</b> Jason Jassmann <a href="mailto:jjassmann@nocrop.us">jjassmann@nocrop.us</a>
	<b>Prerequisites:</b> Introduction to Culinary Arts
	<b>Next Course Option(s) in this Pathway Sequence:</b> <ul style="list-style-type: none"> <li>• Culinary Arts and Hospitality Management or</li> <li>• Retail Restaurant/Food Services Occupations</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>• PYLUSD students given priority registration.</li> </ul>	<b>Post-Secondary Options:</b> 2-yr or 4-yr College/University
	<b>ROP Administrator Email &amp; Phone:</b> Thomas Metcalf <a href="mailto:tmetcalf@nocrop.us">tmetcalf@nocrop.us</a> (714) 502-5853

**RETAIL RESTAURANT/FOOD SERVICE OCCUPATIONS**  
**Community Classroom (CC)**  
**Cooperative Vocational Education (CVE)**

<b>Accepting Pre-registration</b>	<b>FOOD SERVICE &amp; HOSPITALITY CAREER PATHWAY</b>	
	<b>Location:</b>	Yorba Linda High School, Room 402 19900 Bastanchury Rd., Yorba Linda 92886
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b>	8/30/23 to 5/15/24 Spring Break 4/1/24 to 4/5/24
<p><b>Course Description:</b> Retail Restaurant/Food Service Marketing Occupations trains students on the marketing and service aspects of a restaurant, with a concentration on management skills. Students learn the operational and supervisory aspects of managing a restaurant. Topics include compliance with health and fire regulations regarding food preparation and serving; guest service; monitoring food preparation methods, portioning sizes, and garnishing and presentation of food to ensure that food is prepared and presented in an acceptable manner.</p>	<b>Day(s)/Time:</b>	CC: M/W 4:30-7:00pm Wednesdays only once work-based learning begins.* CVE: Wednesdays only* 4:30-7:00pm
	<b>ROP Class ID #:</b>	CC = YL1RR9    CVE = YL1RR7
	<b>ROP Instructor &amp; Email:</b>	Jason Jassmann <a href="mailto:jjassmann@nocrop.us">jjassmann@nocrop.us</a>
	<b>Prerequisites:</b>	Introduction to Culinary Arts (recommended)
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>This is a stand-alone pathway course.</li> </ul>
	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>PYLUSD students given priority registration.</li> </ul> <p><b>CC Only Notes:</b></p> <ul style="list-style-type: none"> <li>This course is for students who do not currently have a job.</li> <li>Students must be at least 16 years of age for work-based learning at Community Classroom (CC) sites.</li> <li>Minimum of 10 hours work-based learning required per week once started.</li> <li>Year-long attendance and a minimum of 300 hours required to achieve a Career Pathway Completion Certificate.</li> </ul> <p><b>CVE Only Notes:</b></p> <ul style="list-style-type: none"> <li><b>Open Entry/Exit</b></li> <li>Students must be currently employed in the Restaurant/Food Service Industry</li> <li>Minimum of 10 hours work-based learning required per week.</li> </ul> <p>*Must attend class each week to receive credit for work hours.</p>	<b>ROP Administrator Email &amp; Phone:</b>	Thomas Metcalf <a href="mailto:tmetcalf@nocrop.us">tmetcalf@nocrop.us</a> 714-502-5853

**ENTERTAINMENT PARK/TOURISM CAREERS**  
**Community Classroom (CC)**  
**Cooperative Vocational Education (CVE)**

<b>Accepting Pre-registration</b>	<b>HOSPITALITY, TOURISM &amp; RECREATION CAREER PATHWAY</b>	
	<b>Location:</b>	Loara High School, Room # 701 1765 W. Cerritos Ave. Anaheim, CA 92804
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b>	8/29/23 to 5/16/24 Spring Break 3/18/24 to 3/22/24
<p><b>Course Description:</b>  Entertainment Park/Tourism Careers trains students to perform a variety of attending duties at amusement or recreation facilities. Students learn how to schedule use of recreation facilities, maintain and provide equipment to participants of sporting events or recreational pursuits, or operate amusement concessions and rides. Students practice communication/courtesy skills, cashiering, basic restaurant service skills, safety, and guest services. All students receive specific training in area(s) of specialization. Students will learn skills and then apply them in the community classroom through work-based learning.</p>	<b>Day(s)/Time:</b>	CC: Tu / Th 4:30-7:00pm Tuesdays only once work-based learning begins.* CVE: Tuesdays only* 4:30-7:00pm
	<b>ROP Class ID #:</b>	CC = KN1EP7 CVE = KN1EP9
	<b>ROP Instructor &amp; Email:</b>	Darlene Andrade <a href="mailto:dandrade@nocrop.us">dandrade@nocrop.us</a>
	<b>Prerequisites:</b>	See notes
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>This is a stand-alone pathway course.</li> </ul>
<p><b>Notes:</b></p> <p><b>CC Only Notes:</b></p> <ul style="list-style-type: none"> <li>This course is for students who do not currently have a job.</li> <li>Students must be at least 16 years of age to participate in work-based learning at Community Classroom (CC) sites.</li> <li>Minimum of 10 hours work-based learning required per week once started.</li> <li>Year-long attendance and a minimum of 300 hours required to achieve a Career Pathway Completion Certificate.</li> <li>Must attend class each week to receive credit for work hours.*</li> </ul> <p><b>CVE Only Notes:</b></p> <ul style="list-style-type: none"> <li><b>Open Entry/Exit</b></li> <li>Students must be employed in the Entertainment Park/Tourism Industry.</li> <li>Minimum of 10 hours work-based learning required per week.</li> <li>Must attend class each week to receive credit for work hours.*</li> </ul>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.
	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649

## ***HOTEL and HOSPITALITY MANAGEMENT Community Classroom (CC)***

<b>Accepting Pre-registration</b>	<b>HOSPITALITY, TOURISM &amp; RECREATION CAREER PATHWAY</b>	
	<b>Location:</b>	<b>Loara High School, Room # 701</b> 1765 W. Cerritos Ave. Anaheim, CA 92804
<b>UC/CSU "G" – General Elective</b>	<b>Start/End Dates:</b>	8/28/23 to 5/15/24 Spring Break: 3/18/24 – 3/22/24
<b>Course Description:</b> Hotel and Hospitality Occupations trains students in the fundamental concepts of hospitality and the hotel and lodging industry. Students study the hospitality industry and standards, learn about career paths and employment opportunities in the hotel and tourism industry and train in guest relation practices. Students learn principles and procedures of hospitality-past, present and future. The course of study includes size and economic impact of the industry, trends, diversity, guest needs, types of lodging businesses and marketing and promotion methods. Additional topics include food safety and sanitation, food and beverage, front and back of house functions, front office, housekeeping, security, engineering, marketing and sales, human resources and legal and ethical considerations.	<b>Day(s)/Time:</b>	M /W 4:30-7:00pm Wednesdays only once work-based learning begins.*
	<b>ROP Class ID #:</b>	KN1HH8
	<b>ROP Instructor &amp; Email:</b>	Darlene Andrade <a href="mailto:dandrade@nocrop.us">dandrade@nocrop.us</a>
	<b>Prerequisites:</b>	None
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>This is a stand-alone pathway course.</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>This course is for students who do not currently have a job.</li> <li>Students must be at least 16 years of age to participate in work-based learning at Community Classroom (CC) sites.</li> <li>Year-long attendance and a minimum of 300 hours required to achieve a Career Pathway Completion Certificate.</li> <li>Minimum of 10 hours work-based learning required per week once started.</li> <li>Must attend class each week to receive credit for work hours.*</li> </ul>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University
	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649



## INFORMATION AND COMMUNICATION TECHNOLOGY

<b>INFORMATION TECHNOLOGY FUNDAMENTALS</b>		
<b>Accepting Pre-registration</b>	<b>NETWORKING (Cybersecurity) CAREER PATHWAY</b>	
	<b>Location:</b>	<b>Trident Education Center, Room 9</b> 1800 W. Ball Road, Anaheim 92804
<b>UC/CSU Approval (PENDING)</b>	<b>Start/End Dates:</b>	9/11/23 to 5/14/24 Spring Break 3/25/24 to 3/29/24
<p><b>Course Description:</b> This course is designed as an introduction to a career in Information Technology (IT) support. This course will prepare you to take the IT Fundamentals Certification exam.</p> <p>Upon completion of this course, you will be able to:</p> <ul style="list-style-type: none"> <li>• Identify and explain the basics of computing and IT infrastructure.</li> <li>• Set up computer workstations, establish basic network connectivity, and install and use basic software applications.</li> <li>• Explain the functions and types of devices used within a computer system.</li> <li>• Perform computer maintenance and support.</li> <li>• Describe basic principles of software and database development.</li> <li>• Configure computers and mobile devices to connect to home networks and to the Internet.</li> <li>• Identify security issues affecting the use of computers and networks.</li> <li>• Identify and prevent basic security risks.</li> </ul>	<b>Day(s)/Time:</b>	Mondays 4:30-7:00 pm in-person meeting Wednesdays 4:30-7:00 pm Online meeting
	<b>ROP Class ID #:</b>	TE1IT8
	<b>ROP Instructor &amp; Email:</b>	TBD
	<b>Prerequisites:</b>	None
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• A+ Certification</li> </ul>
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Minimum of 5 hours per week of online work required.</li> <li>• Students will receive an email from the instructor the week prior to the start of class with online access instructions.</li> </ul>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University  Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.
	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649



## A+ Certification Training

<b><u>CANCELED</u></b>	<b>NETWORKING (Cybersecurity) CAREER PATHWAY</b>	
	<b>Location:</b>	<b>Trident Education Center, Room 9</b> 1800 W. Ball Road, Anaheim 92804
<b>UC/CSU (PENDING)</b>	<b>Start/End Dates:</b>	8/31/23 to 5/14/24 Spring Break 3/25/24 to 3/29/24
<b>Course Description:</b> A+ Certification Training students will acquire knowledge, through use of online software and hands-on labs, of basic computer hardware and operating systems, covering such skills as installation, upgrading, configuring, troubleshooting, optimizing, diagnosing and preventative maintenance. Students will also gain knowledge of additional elements such as networking and server issues, security, safety, environmental issues, communication, and professionalism. A+ Certification Training is designed as a class that will help students prepare for taking the CompTIA A+ certification exam. Certification validates the latest skills needed by today's computer support professionals and are essential in obtaining entry-level IT careers.	<b>Day(s)/Time:</b>	Tuesdays 4:30-7:00pm Online meeting Thursdays 4:30-7:00pm in-person meeting
	<b>ROP Class ID #:</b>	TE2AP8
	<b>ROP Instructor &amp; Email:</b>	TBD
	<b>Prerequisites:</b>	IT Fundamentals
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• Cybersecurity 1 (Networking + and Security +)</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>• Minimum of 5 hours/week of online work required.</li> <li>• Students will receive an email from the instructor the week prior to the start of class with access instructions.</li> <li>•</li> </ul>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.
	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649



## PUBLIC SERVICES

<b>EMERGENCY MEDICAL TECHNICIAN (EMT)</b>																				
<b>Limited Availability</b>	<b>EMERGENCY RESPONSE CAREER PATHWAY</b>																			
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<b>UC/CSU "G" – General Elective</b>																				
<p><b>Course Description:</b> Emergency Medical Responder trains students as emergency personnel who provide immediate care to an ill or injured person and assist emergency medical service (EMS) providers. This course will train students how to recognize emergency situations, maintain personal safety, and provide basic emergency care including CPR and First Aid, prevention of disease transmission, along with an understanding of ethical and legal considerations. This course will prepare students who are interested in a career as a firefighter, law enforcement officer, emergency medical technician, or paramedic. This course is also suggested for those interested in lifeguard positions, fire service, and a variety of health-related fields as required by Title 22.</p>																				
<p><b>Notes:</b> <u>Per the National Registry of Emergency Medical Technicians, students will need a:</u></p> <ul style="list-style-type: none"> <li>valid Social Security card</li> <li>government issued photo ID</li> <li>CPR Card (provided by this class)</li> </ul> <p><u>Additional information:</u></p> <ul style="list-style-type: none"> <li>High school students must be at least 17 years of age to enroll and 18 to sit for the NREMT exam.</li> <li>This course may require students to perform certain activities that include, but are not limited to: Considerable standing, heavy lifting (50 lbs.), repetitive hand and arm motions that may cause or exacerbate any pre-existing auto-immune, muscular, joint, cardiovascular, neurological and/or orthopedic conditions.</li> <li><b>*Priority registration</b> will be given to students who complete Emergency Medical Responder or Fire Technology with a "C" or better.</li> <li><b>First night of class will start at 6:00pm on 8/29/23 for a two-hour mandatory parent/guardian orientation meeting. You may not participate in the program without your parent/guardian attending the orientation meeting.</b></li> </ul> <p><b>**Tuesday Skills Dates 4:30pm-9:00pm:</b></p> <ul style="list-style-type: none"> <li>9/19/23, 10/24/23, 12/5/23, 1/23/24, 2/20/24, 4/16/24, and 5/7/24</li> </ul>																				



## TRANSPORTATION

<b>INTRODUCTION to AUTOMOTIVE TECHNOLOGY</b>									
<b>Accepting Pre-registration</b>	<b>SYSTEMS DIAGNOSTICS, SERVICE AND REPAIRS CAREER PATHWAY</b>								
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<p><b>Course Description:</b> Introduction to Automotive Technology trains students to diagnose, adjust, repair, or overhaul automotive vehicles. This course follows the National Automotive Technicians Education Foundation (NATEF) Maintenance and Light Repair (MLR) standards. Instructional areas in this course include shop and personal safety, tools and equipment, automobile brakes and engine repair. Students may take a certification test to receive a student Automotive Service Excellence (ASE) certificate in the areas of Brakes (Task Area 5) and Engine Repair (Task Area 1).</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Day(s)/Time:</b></td> <td>Tu / Th 4:30-7:00pm</td> </tr> <tr> <td><b>ROP Class ID #:</b></td> <td>LO1AX8</td> </tr> <tr> <td><b>ROP Instructor &amp; Email:</b></td> <td>Christopher Gardner <a href="mailto:cgardner@nocrop.us">cgardner@nocrop.us</a></td> </tr> <tr> <td><b>Prerequisites:</b></td> <td>None</td> </tr> </table>	<b>Day(s)/Time:</b>	Tu / Th 4:30-7:00pm	<b>ROP Class ID #:</b>	LO1AX8	<b>ROP Instructor &amp; Email:</b>	Christopher Gardner <a href="mailto:cgardner@nocrop.us">cgardner@nocrop.us</a>	<b>Prerequisites:</b>	None
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## **AUTOMOTIVE TECHNOLOGY**

<b>Accepting Pre-registration</b>	<b>SYSTEMS DIAGNOSTICS, SERVICE AND REPAIRS CAREER PATHWAY</b>	
	<b>Location:</b>	<b>Loara High School, Room 24</b> 1765 West Cerritos Avenue, Anaheim 92804
<b>UC/CSU "G" – General Elective (pending)</b>	<b>Start/End Dates:</b>	8/29/23 to 5/14/24 Spring Break 3/25/24 to 3/29/24
<b>Course Description:</b> In this class you'll learn to use diagnostic equipment to find operational faults, document the faults, and repair them. Students train to perform service on a variety of steering systems, align wheels, and diagnose problems based on tire wear patterns. You will learn to repair tires, diagnose and repair all types of brake systems, and refinish brake drums. Gain skills to diagnose and repair electrical system malfunctions, perform battery service, repair or replace ignition systems, and fix all automobile lights. This class covers repair of mechanical engine functions, computerized functions, fuel systems, driveline systems, and much more.	<b>Day(s)/Time:</b>	Tu / Th 4:30-7:00pm
	<b>ROP Class ID #:</b>	LO1AY8
	<b>ROP Instructor &amp; Email:</b>	Christopher Gardner <a href="mailto:cgardner@nocrop.us">cgardner@nocrop.us</a>
	<b>Prerequisites:</b>	Introduction to Automotive Technology
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>• Advanced Automotive Technology</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>• AUHSD students given priority registration.</li> </ul>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.
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## **ADVANCED AUTOMOTIVE TECHNOLOGY**

<b>Accepting Pre-registration</b>	<b>SYSTEMS DIAGNOSTICS, SERVICE AND REPAIRS CAREER PATHWAY</b>	
	<b>Location:</b>	<b>Loara High School, Room 24</b> 1765 West Cerritos Avenue, Anaheim 92804
<b>UC/CSU "G" – General Elective (pending)</b>	<b>Start/End Dates:</b>	8/29/23 to 5/14/24 Spring Break 3/25/24 to 3/29/24
<b>Course Description:</b> Advanced Automotive Technology trains students to diagnose, adjust, repair, or overhaul automotive vehicles. This course follows the National Automotive Technicians Education Foundation (NATEF) Maintenance and Light Repair (MLR) tasks. Instructional areas in this course include shop and personal safety, tools and equipment, automobile heating and air conditioning, manual drive train and axles, and automatic transmission/transaxle. Students may take a certification test to receive a student Automotive Service Excellence (ASE) certificate in the areas of Heating and Air Conditioning (Task Area 7), Manual Drive Train and Axles (Task Area 3) and Automatic Transmission/Transaxle (Task Area 2).	<b>Day(s)/Time:</b>	Tu / Th 4:30-7:00pm
	<b>ROP Class ID #:</b>	LO1AZ8
	<b>ROP Instructor &amp; Email:</b>	Christopher Gardner <a href="mailto:cgardner@nocrop.us">cgardner@nocrop.us</a>
	<b>Prerequisites:</b>	Automotive Technology
	<b>Next Course Option(s) in this Pathway Sequence:</b>	<ul style="list-style-type: none"> <li>This is the capstone course for this pathway.</li> </ul>
<b>Notes:</b> <ul style="list-style-type: none"> <li>AUHSD students given priority registration.</li> </ul>	<b>Post-Secondary Options:</b>	2-yr or 4-yr College/University Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.
	<b>ROP Administrator Email &amp; Phone:</b>	Ligia Hallstrom <a href="mailto:lhallstrom@nocrop.us">lhallstrom@nocrop.us</a> 714-713-0649

## CTE Internship

<b>CTE Internship</b>					
<b>Accepting Applications</b>	<b>MULTIPLE PATHWAYS</b>				
	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Location:</td> <td>Online</td> </tr> </table>	Location:	Online		
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<i>UC/CSU "G" – General Elective</i>	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Start/End Dates:</td> <td>Fall Semester 9/5/23 to 12/22/23</td> </tr> <tr> <td></td> <td>Spring Semester 1/8/24 to 5/10/24</td> </tr> </table>	Start/End Dates:	Fall Semester 9/5/23 to 12/22/23		Spring Semester 1/8/24 to 5/10/24
Start/End Dates:	Fall Semester 9/5/23 to 12/22/23				
	Spring Semester 1/8/24 to 5/10/24				
<p><b>Course Description:</b> Career Pathway Internship reinforces and extends career technical learning opportunities for students through a combination of related classroom instruction and supervised work-based learning in an area related to a previous or concurrently enrolled Career Technical Education (CTE) Pathway Course of Study. Work-based learning will expose students to various aspects of a particular industry through authentic, meaningful experiences. Related classroom instruction will help students make the connection between prior career pathway coursework and their work-based learning experiences. Students will develop critical thinking skills, attitudes, and work habits that prepare them for the workforce and postsecondary education. Students will conduct research on viable career prospects and earning potential, identify educational pathways to meet their career goals, and develop a professional portfolio that will include a master application, resume, and career correspondence.</p>	Day(s)/Time: 2.5 Hours Per Week Online				
	ROP Class ID #: Will be assigned once a student completes the application process.				
	ROP Instructor & Email: <b>TBD</b>				
	Prerequisites: Current enrollment in a CTE Capstone Course or completion of a CTE Pathway.				
	Next Course Option(s) in this Pathway Sequence: • Not applicable				
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Must be enrolled in a CTE Capstone Course or have completed a CTE Pathway.</li> <li>• Must participate in 2.5 hours per week online instruction to receive credit for work-based learning hours.</li> <li>• <a href="#">Apply Here</a></li> </ul> 	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Post-Secondary Options:</td> <td>2-yr or 4-yr College/University Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.</td> </tr> <tr> <td>ROP Administrator Email &amp; Phone:</td> <td>Thomas Metcalf <a href="mailto:tmetcalf@nocrop.us">tmetcalf@nocrop.us</a> 714-502-5853</td> </tr> </table>	Post-Secondary Options:	2-yr or 4-yr College/University Please see <a href="https://www.nocrop.org/all-high-school-courses.html">https://www.nocrop.org/all-high-school-courses.html</a> for current Articulation Agreements.	ROP Administrator Email & Phone:	Thomas Metcalf <a href="mailto:tmetcalf@nocrop.us">tmetcalf@nocrop.us</a> 714-502-5853
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