Orange Unified School District

College and Career Readiness

Cal State University
University of CA
Private Universities
What is our data telling us?
Career Readiness through NAVIANCE

7th Grade:
Explore Careers and Clusters

8th Grade:
Cluster Finder/Four Year Plans

9th Grade:
Career Interest Profiler
What’s been happening........

CAREER EXPLORATION PROGRAMS

UCI Energy Invitational - Orange HS
• Each robot must be safely autonomous

• The robot must work in the natural environment w/ varying terrains
Computer Programming and Robotics

Canyon High School - Susan Damon
Orange High School - Stewart Mocilnikar
McPherson Magnet - Trisha Marzolo
CyberPatriot

Canyon High School - Linda Dewberry

NATIONAL YOUTH CYBER EDUCATION PROGRAM
ocMaker Challenge

Teams participating in 2015-2016 from:

- Canyon HS
- El Modena HS
- Orange HS
- Villa Park HS

Design and build, or significantly repurpose, a product that will solve a problem, need or want.

-ocMaker Challenge Prompt
S. T. E. A. M.

SCIENCE
✓ Biotechnology (Dual Enrollment courses at SCC)
✓ Medical Occupations and Health Careers (Patient & Emergency Care Pathways)

TECHNOLOGY
✓ Computer Programming (Code.org)
✓ Networking (CISCO)

ENGINEERING
✓ Engineering Design (UCI Energy Invitational)
✓ 3D Computer Assisted Design (CAD and OUSD/ocMaker Challenge)

ARTS
✓ Digital Media Arts (Animation, Graphic Design, Digital Photography & Videography Pathways)
✓ Performing Arts (Dance and Theatre Pathways - experiences starting in elementary school)

MATH
✓ Aviation Pilot Ground School
✓ C-STEM Algebra & Robotics
ART in OUSD

Digital Music in Middle School

S. T. E. A. M. Labs in Elementary

FOUR YEAR

Student created video through Video Productions course at CHS
Student Work-Based Learning Opportunities

- Guest Speakers
- Company Tours
- Mentors
- Job Shadowing
- Internships
- Employment
DUAL ENROLLMENT

Access college-level resources
Expand choice of electives
Save time and money

Attention Parents!
Your child can earn college credit in high school!

High school students take college classes
Earn credits
Dual Enrollment..... SCC & OUSD
Dual Enrollment & Articulation

Sample 4-year plan towards AA

Orange Unified School District
Early College Plan = 62 college units
(Students must enroll in a minimum of 1 additional Summer SCC Course)

<table>
<thead>
<tr>
<th>Course Types</th>
<th>9th</th>
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<th>11th</th>
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<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English 9 Honors</td>
<td></td>
<td>SCC English 101(4)</td>
<td></td>
<td>SCC English 103(4)</td>
<td></td>
<td>SCC Communications 110(3)</td>
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<tr>
<td>History</td>
<td>SCC Geography 100 (3)</td>
<td></td>
<td>SCC History 102 (3)</td>
<td></td>
<td>SCC History 118(3)</td>
<td></td>
<td>SCC Political Science 101(3)</td>
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<tr>
<td>Math</td>
<td>High School Math Course</td>
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<td>High School Math Course</td>
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<td>SCC Math 105(3)</td>
<td></td>
<td>SCC Math 140(4)</td>
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<tr>
<td>Science</td>
<td>SCC Biology 211(5)</td>
<td></td>
<td>SCC Chemistry 219(5)</td>
<td></td>
<td>SCC Physical or Biological Science (5)</td>
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<td>SCC</td>
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<td>PE</td>
<td>P.E.</td>
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<td>P.E.</td>
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<td>N/A</td>
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<tr>
<td>Technical Core</td>
<td>Career Focus class</td>
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<td>CTE Pathway Course</td>
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<td>CTE Pathway Course</td>
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<td>CTE Pathway Capstone Course</td>
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<tr>
<td>Foreign Language, Elective or VPA</td>
<td>SCC Art List Choice(3)</td>
<td></td>
<td>SCC Humanities List Choice(3)</td>
<td></td>
<td>SCC Art or Humanities List Choice(3)</td>
<td></td>
<td>SCC Art or Humanities List Choice(3)</td>
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## Dual Enrollment Opportunities in OUSD Schools

<table>
<thead>
<tr>
<th>School</th>
<th>Offered Courses</th>
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<tbody>
<tr>
<td>OHS</td>
<td>Chicano Studies, American Sign Language</td>
</tr>
<tr>
<td>VPHS</td>
<td>American Sign Language, Music/Art appreciation</td>
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<tr>
<td>ELMO</td>
<td>American Sign Language, Music Appreciation, Sociology</td>
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<tr>
<td>CHS</td>
<td>American Sign Language, Music/Art appreciation, History of film, Sociology, Anthropology, Philosophy, Communications</td>
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<tr>
<td>Summer</td>
<td>Math 70 – 39 MS students</td>
</tr>
<tr>
<td>2015</td>
<td>Math 80 – 26 MS &amp; HS students</td>
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<tr>
<td></td>
<td>Math 140 – 18 HS students</td>
</tr>
</tbody>
</table>

Start college as a Junior!
Starting January 2016:

- Students can take up to 15 units
- Courses housed on OUSD HS campuses (closed to the public)
THROUGH CTE