

# Oakland Unity High School- Information Technology and Digital Media Program of Study

Industry Sectors: Information Technology and Computer Services

<p><b>Pathway Mission and Vision</b></p>	<p><b>Our mission is for Oakland Unity students to become empowered, 21st-century professionals who can problem solve, advocate for themselves, and enrich their community. The Unity Academy of Information Technology and Digital Media will offer technical training on digital literacy, computer coding, and digital arts and design, with technical certification opportunities upon completion of sequence.</b></p> <p><b>To accomplish success in our mission we will invest in the following aspects of our instructional design:</b></p> <p><b>Rigorous Academics:</b> Students graduate from OUHS having fulfilled the A-G requirements for entrance to and success in the Universities of California and California State Universities.</p> <p><b>Career Technical Education:</b> OUHS offers a technical education in Computer Science and Digital Media in order to foster innovation and provides students with the necessary skillset to excel in a 21st century technologically focused professions.</p> <p><b>Work Based Learning Experiences:</b> OUHS will provide scaffolded and sequenced work-based learning experiences for all students including opportunities for IT certifications.</p> <p><b>Strong Student Supports:</b> There are systems in place that support students’ academic, social and emotional needs. The OUHS community supports students in developing exceptional study skills, setting graduation goals and planning for college and career. Students graduate from OUHS as highly functioning citizens, prepared to contribute to the global community and advance their local community.</p>			
	<p><b>9th Grade Program</b> Grade level meeting time: <b>Wednesday Professional Development</b></p>	<p><b>10th Grade Program</b> Grade level meeting time: <b>Wednesday Professional Development</b></p>	<p><b>11th Grade Program</b> Grade level meeting time: <b>Wednesday Professional Development</b></p>	<p><b>12th Grade Program</b> Grade level meeting time: <b>Wednesday Professional Development</b></p>
<p><b>Social Studies</b></p>	<p>Ethnic Studies</p>	<p>Modern World History</p>	<p>US History AP US History</p>	<p>American Government Economics and Entrepreneurship</p>
<p><b>English</b></p>	<p>English 9 Academic Literacy *</p>	<p>English 10 Academic Literacy *</p>	<p>English 11</p>	<p>English 12</p>
<p><b>Math</b></p>	<p>Algebra 1 Algebra A</p>	<p>Algebra 2 Algebra B Math 2a: Geometry Math Fundamentals</p>	<p>Pre-Calculus Algebra 2</p>	<p>AP Calculus Geometry Pre-Calculus</p>
<p><b>Science</b></p>	<p>Biology</p>		<p><b>Chemistry -or- Physics</b></p>	<p>Honors Physiology and Anatomy with HASPI</p>

<b>CTE: Computer Science</b>	Intro to Computer Science in Javascript	AP Computer Science Principles	Digital Media and Design AP Computer Science Principles	Certification IT Class AP Computer Science with Java
<b>Electives</b>	Physical Education	Physical Education	Spanish 1 Spanish 2 AP Spanish Credit Recovery	Credit Recovery Learning Through Internship Spanish 2
<b>Work Based Learning</b>	Career Exploration and Research in Advisory	Career Exploration and Research in Advisory Career Exposition Fair Professional skills workshops	Spring Mini-Internship Career Exploration Visits to Industries Job Shadowing with Industry Partners	Learning Through Internship Program <b>Certifications*:</b> Comp TiA IT Certification Course
<b>Dual Enrollment</b>	Concurrent Enrollment and Hybrid Classes offered on campus	Concurrent Enrollment and Hybrid Classes offered on campus	Concurrent Enrollment and Hybrid Classes offered on campus	Concurrent Enrollment and Hybrid Classes offered on campus
<b>Integrated Projects</b>	9th Grade Summative Project: <b>Career Exploration Project:</b> What role does technology play in 21st century careers and in Social Change? Integrated with CTE, English 9, and Ethnic Studies. <a href="#">NFTE Start-Up Tech Challenge</a>  9th Grade Advisory Capstone: "Who am I and what do I care about?" College and Career Success Self-Assessment	10th grade Summative Project: <b>Social Media Campaign Project:</b> What are the issues in my community and what assets are available in my community? How can IT and CS help solve these issues? Integrated with CTE, English 10, and Advisory  10th Grade Advisory Capstone: College and Career Success Self-Assessment.  Informational Interviews with Industry partners at Career Exposition	11th grade Summative Exhibition: <b>Biographical and Career Profile Web Design Project</b> "How will my future interests and ambitions contribute to my community's advancement?" Integrated with Digital Media and Design, English 11, Advisory  11th Grade Advisory Capstone: College and Career Success Self-Assessment. Identify college goals.  Job Shadowing and Informational Interviews on-site with Industry Partners	12th Grade Summative Project: NFTE Challenge- Students compete in the NFTE competition and activate an entrepreneurial mindset to solve real world problems in their communities using technology. Integrated with Economics, English 12, and CTE  12th Grade Capstone: College and Career Readiness Self-Assesment and Goals
<b>Student Leadership</b>	Student Government Students in Action Student Clubs	Student Government Students in Action Student Clubs	Student Government Students in Action Student Clubs	Student Government Students in Action Student Clubs
<b>Other Student Experiences (post-session, intersession, rituals, class trips, assemblies)</b>	Intersession College Trips Class Town Halls	Intersession College Trips Class Town Halls	Intersession College Trips Class Town Halls	Intersession College Trips Class Town Halls

<b>Summer Learning (Summer Bridge, summer learning, credit recovery)</b>	Summer Success Program	Summer Academy and Credit Recovery	Summer Academy and Credit Recovery	Summer Bridge to College
<b>College Exposure</b>	College Tours: Stanford, CSU San Jose, UC Davis, CSU Sacramento	College Tours: UC Santa Barbara CSU Cal Poly UC Berkeley	College Tours: UC Santa Cruz CSU Monterey CSU East Bay CSU San Francisco	Senior Transition: Financial Aid and extensive College Counseling Support
<b>Advisory Structure</b>	Daily (Morning Check In, Lunch Advisory, SSR) Career Research	Daily (Morning Check In, Lunch Advisory, SSR) Career Research	Daily (Morning Check In, Lunch Advisory, SSR) College Research	4 times/week (Lunch Advisory, SSR) College Applications and Internship Support
<b>Personalized Supports</b>	We offer many supports: 1)After-school and embedded study halls for all core classes. 2)Embedded SpEd and EL supports to enable full access. 3)Wellness Services for Socioemotional Health 4)College Counseling Services	We offer many supports: 1)After-school and embedded study halls for all core classes. 2)Embedded SpEd and EL supports to enable full access. 3)Wellness Services for Socioemotional Health 4)College Counseling Services	We offer many supports: 1)After-school and embedded study halls for all core classes. 2)Embedded SpEd and EL supports to enable full access. 3)Wellness Services for Socioemotional Health 4)College Counseling Services	We offer many supports: 1)After-school and embedded study halls for all core classes. 2)Embedded SpEd and EL supports to enable full access. 3)Wellness Services for Socioemotional Health 4)College Counseling Services
<b>Use of expanded learning time (before or after school)</b>	After school study halls Summer School Summer Academy	After school study halls Summer School Summer Academy	After school study halls Summer School Summer Academy	After school study halls Summer School Summer Academy Summer Bridge