

# Skyline Computer Program of Study

Industry Sector: [Information and Communication Technologies](#) ; [Arts, Media & Entertainment](#)

Pathways: [174 Software & System Development](#); [111D Media Arts](#)

Industry Partners: SAP, Berkeley City College, Adobe Systems, Pandora, Comcast, KDOL TV



**OAKLAND UNIFIED  
SCHOOL DISTRICT**

Community Schools, Thriving Students

<b>Pathway Vision</b>	The Computer Science and Technology Pathway is for students who are excited about the possibilities of Computer Technology. They learn coding, 3D modeling, video editing, and much more by doing a variety of projects. Our vision is to excite students about the world of Computer Technology and use that excitement as a bridge to higher education and careers.			
<b>Pathway COP Meeting Time:</b>	<b>10th Grade Program</b> Grade level meeting time: Alternating Wed.	<b>11th Grade Program</b> Grade level meeting time: Alternating Wed.	<b>12th Grade Program</b> Grade level meeting time: Alternating Wed.	<b>Graduate Pathway Outcomes (Student Learning Outcomes)</b>
<b>Academic Core</b> Student Cohort Integrity  (Replace with course names linked to course descriptions)	<a href="#">English 2</a> World History <a href="#">Chemistry</a>	English 3 US History <a href="#">Physics</a>	<a href="#">English 4</a> American Gov/Economics	[Link to outcomes]
Math	N/A	N/A	N/A	
CTE pathway 174  <a href="#">Technical Core/Theme (CTE Sequence)</a>	<a href="#">AP Computer Science Principles</a> (1 section) (Alvidrez) <a href="#">Course Description</a> 4640	<a href="#">Web Design -</a> (2 sections) (Sykes) <a href="#">Course Description</a>	<a href="#">AP Computer Science A - <b>NEW!</b></a> (1 section) (Alvidrez) <a href="#">Course Description</a> 4641	
CTE pathway 111	<a href="#">Multimedia 1</a> (2 sections) (Frey) <a href="#">Course Description</a> 5729 Intro to Media Arts	<a href="#">Art of Digital Film</a> (2 sections) (Frey) <a href="#">Course Description</a> 5716 - Intermediate Film / Video Production	<a href="#">Film Studies - <b>NEW!</b></a> (2 sections) (Spencer) <a href="#">Course Description</a>  <a href="#">Advanced Filmmaking -</a> (1 section) (Spencer) <a href="#">Course Description</a> 5717 - Advanced Cinema/Film/Video Production	

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Articulated and Dual Enrollment <b>[Link to Dual Enrollment]</b>	Multimedia 1 ( Articulation Agreement with Berkeley City College)	Art of Digital Film Articulation Agreement with Berkeley City College  Intro to Sound Engineering - Proposed	Advanced Filmmaking Articulation Agreement with Berkeley City College)	
Integrated Projects/ Common Performance Assessments	<a href="#">10th Grade Project</a>	<a href="#">11th Grade Project</a>	<a href="https://docs.google.com/document/d/1u6iSnz50XeSEQ1fsQAZAzKNJUAs2gxhUZDW8nGDAVUA/edit">https://docs.google.com/document/d/1u6iSnz50XeSEQ1fsQAZAzKNJUAs2gxhUZDW8nGDAVUA/edit</a>	
Defenses or Capstones	<a href="#">Senior Seminar</a> [Graduate Capstone]			
Other Courses / Electives	Study Skills SDC Study Skills RSP	Study Skills SDC Study Skills RSP	Study Skills SDC	
Other Student Experiences (post-session, intersession, rituals, class trips, assemblies)	Titan Techs (IWE / WBL)	Titan Techs (IWE / WBL)	Titan Techs (IWE / WBL)	
Work Based Learning  [reference documents: <a href="#">WBL Continuum</a> <a href="#">WBL Costs Calculator</a> )]	<a href="#">[Link to WBL Mapping Document]</a>  Off campus shadow day--SAP, Comcast, Pandora, or AT & T  3 Guest Speakers  Informational Interviews with outside professionals done in class  Off campus shadow day--SAP, Comcast, Pandora, or AT & T	<a href="#">[Link to WBL Planning Document]</a>  Off campus shadow day--SAP, Comcast, Pandora, or AT & T  3 Guest Speakers  Informational Interviews with outside professionals done off campus  Summer Internships for 50 of rising seniors	<a href="#">[Link to WBL Planning Document]</a>  Off campus shadow day--SAP, Comcast, Pandora, or AT & T  3 Guest Speakers  Trip for 50 students to BCC CTE programs  Spring internships for 30 on-track seniors  ECCCO Internship details	<b>Certifications</b>
Student Leadership	Titan Techs (IWE WBL)	Titan Techs (IWE WBL)	Titan Techs (IWE WBL)	
Summer Learning				

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(Summer Bridge, summer learning, credit recovery)				
College Exposure	Berkeley City College Partnership CS Ed Day - UC Berkeley	SF State	TBD	
Study Tour Destinations	SAP Unity Berkeley City College	Comcast SAP AT&T	Pandora/Pixar Crucible San Francisco Film Society	
Advisory Structure	<a href="#">iCouldBe PowerPoint</a>		<a href="#">Senior Capstone Mentor Program</a>	
Personalized Supports	<a href="#">Skyline Pathway Student Concern Protocol</a>  Analysis of each student's marking period grades, behavioral and academic interventions, parent phone calls, mediations between students - students, students - teachers, and students - teachers - admin, academic guidance, college and scholarships applications (done by Student Support Coordinator, Tina Kuang)	<a href="#">Skyline Pathway Student Concern Protocol</a>  Analysis of each student's marking period grades, behavioral and academic interventions, parent phone calls, mediations between students - students, students - teachers, and students - teachers - admin, academic guidance, college and scholarships applications (done by Student Support Coordinator, Tina Kuang)	<a href="#">Skyline Pathway Student Concern Protocol</a>  Analysis of each student's marking period grades, behavioral and academic interventions, parent phone calls, mediations between students - students, students - teachers, and students - teachers - admin, academic guidance, college and scholarships applications (done by Student Support Coordinator, Tina Kuang)	
Use of expanded learning time (before or after school)	Computer Lab opens at 7:30 am for academy student support	Computer Lab opens at 7:30 am for academy student support	Computer Lab opens at 7:30 am for academy student support	