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# EBIA - Program of Study

**Industry Sector:** Information and Communication Technologies

|   |   |   |  |  |  |
|---|---|---|--|--|--|
| <b>Pathway Vision</b>                               | With a mission “to prepare a diverse group of students, who reflect the Oakland community, to be successful in college and to be thoughtful, engaged citizens who are leaders and innovators in a 21st century global world” EBIA is a rigorous college preparatory STEAM (Science, Technology, Engineering, Art and Math) school with a unique focus on the social and emotional skills students need to be leaders. Students learn to be problem solvers and strong advocates who work together and take responsibility for their own learning. |   |  |  |  |
| <b>Pathway COP Meeting Time:</b>                    | <b>9th Grade Program</b><br>Grade level meeting time:   | <b>10th Grade Program</b><br>Grade level meeting time:  | <b>11th Grade Program</b><br>Grade level meeting time:   | <b>12th Grade Program</b><br>Grade level meeting time:   | <b>Graduate Pathway Outcomes</b><br>(Student Learning Outcomes)  |
| <b>Academic Core</b><br>Student Cohort Integrity    | English - English 1<br><b>Social Science - Human Geography, AP Human Geography</b><br><b>Science - Environmental Science, AP Environmental Science</b>  | English - English 2<br>Social Science - World History, AP World<br>Science - Biology  | <b>English - English 3, AP Seminar</b><br><b>Social Science - US History, AP US History</b><br><b>Science - Physics (possibly the Physics of Hacking “d” (UCCI) , AP Physics</b>                           | <b>English 12 - AP Comp., AP Lang. &amp; Lit.</b><br><b>Social Science - AP Research</b><br><b>Science - Chemistry, AP Chemistry (possibly- U.S. Government and Cybersecurity (UCCI) )</b><br><b>Economics</b> | <p>-All students (particularly those historically excluded from advanced level courses) have access to courses that will support their college and career readiness.</p> <p>-Our anticipated outcome to this pathway development plan is that 100% of students at EBIA will fulfill A-G requirement by their 12th grade graduation, in addition to having taken at least one Advanced Placement course and completed one STEAM based internship during their time at the school.</p> <p>-100% of students will self identify that they have the skills, content knowledge and experience necessary to go to college and be successful in their career of choice.</p> <p>-80% or more of students will achieve the college and career goals set for themselves on their above mentioned personalized learning plans (PLPs).</p> |
| Math  | Algebra I/Geometry  | Geometry/Algebra II   | <b>Algebra II, Pre-Calc</b>  | <b>Pre-Calc, AP Calc. AB, AP Calc. BC</b>  |  |
| Technical Core/Theme (CTE Sequence)                 | Computer Science I/II<br>Autobiographical Project   | Computer Science I/II/III   | <b>AP Computer Science Principles</b><br><b>Computer Science II/III</b>  | <b>AP Computer Science</b><br><b>AP Research</b>   |  |
| Dual Enrollment                                     |   |   | <b>to be determined</b>  | <b>to be determined</b>  |  |
| Integrated Projects/ Common Performance Assessments | End of Year Capstone Project<br><b>Autobiographical Project - involves English, Social Science, and CTE</b>   | End of Year Capstone Project<br><b>10th grade interdisciplinary project to be developed (possibly e-mentor project; possibly Power of One service Learning project)</b><br><br><b>thematic and skill integration directly into core courses</b> | End of Year Capstone Project w. industry/postsecondary/community panel<br><b>11th grade Cybersecurity Service Learning Project</b><br><br><b>thematic and skill integration directly into core courses</b> | End of Year Capstone Project w. industry/postsecondary/community panel<br><br><b>thematic and skill integration directly into core courses</b>   |  |
| Defenses or Capstones                               | PLP Conferences   | PLP Conferences   | <b>PLP Conferences</b><br><b>AP Capstone Program</b>   | <b>PLP Conferences</b><br><b>AP Capstone Program</b>   |  |
| Other Courses / Electives                           | Art & Design I<br>Spanish I<br>Advisory<br>ILT (Independent Learning Time)  | <b>Art &amp; Design II</b><br>Spanish II<br>Advisory<br>ILT (Independent Learning Time)   | <b>Art &amp; Design I/II</b><br><b>Spanish III</b><br><b>Advisory</b><br><b>ILT (Independent Learning Time)</b>  | <b>AP Studio Art - 2D</b><br><b>AP Spanish</b><br><b>Advisory</b><br><b>ILT (Independent Learning Time)</b>  |  |
| Other Student Experiences                           | Intersession (Fall, Winter, Spring)   | Intersession (Fall, Winter, Spring)   | <b>Intersession (Fall, Winter, Spring)</b>   | <b>Intersession (Fall, Winter, Spring)</b>   |  |
| Work Based Learning                                 | Micro-Internship<br>Independent Study<br>10 year plan<br>Future resume<br>College & Career speakers (some virtual)  | Micro-Internship<br>Independent Study<br>10 year plan<br>College & Career speakers (some virtual)<br>Resume Development   | <b>Micro-Internship w. Learning Through Internship Plan/Project</b><br><b>Independent Study</b><br><b>10 year plan</b><br><b>College &amp; Career Speakers (some virtual)</b>                              | <b>Internship w. Learning Through Internship Plan/Project</b><br><b>Independent Study</b><br><b>10 year plan</b><br><b>College &amp; Career Speakers (some Virtual)</b>  |  |
|   |   |   |  |  |  |

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|  |  | Mock Interviews<br>possibly e-mentors  | Informational Interviews   | College & Career Success Portfolio  |  |
| Student Leadership   | Student Government   | Student Government   | Student Government   | Student Government  |  |
| Summer Learning  | Credit Recovery & Advancement  | Credit Recovery & Advancement  | Credit Recovery & Advancement  | Credit Recovery & Advancement   |  |
| College Exposure   | College Planning in SEL Curriculum   | College Planning in SEL curriculum<br>2 college visits   | College Planning in SEL curriculum<br>Meetings with college counselor<br>2 college visits<br>Support for College Applications,<br>Financial Aid, and Scholarship<br>Essays | College Planning in SEL curriculum<br>College Counselor managed app.s<br>2 college visits<br>Support for College Applications,<br>Financial Aid Applications, and<br>Scholarship Essays |  |
| Study Tour Destinations                                      | to be determined   | to be determined   | Individually managed with advisor  | Individually managed with advisor   |  |
| Advisory Structure   | Meeting Daily<br>SEL curriculum with college and<br>career readiness focus, run by<br>looped advisor         | Meeting Daily<br>SEL curriculum with college and<br>career readiness focus, run by<br>looped advisor         | Meeting Daily<br>SEL curriculum with college and<br>career readiness focus, run by<br>looped advisor   | Meeting Daily<br>SEL curriculum with college and<br>career readiness focus, run by<br>looped advisor  |  |
| Personalized Supports  | ILT (independent learning time)<br>with teacher and advisor led<br>supports<br>Subject specific ed. tech use | ILT (independent learning time)<br>with teacher and advisor led<br>supports<br>Subject specific ed. tech use | ILT (independent learning time)<br>with teacher and advisor led<br>supports<br>Subject specific ed. tech use   | ILT (independent learning time)<br>with teacher and advisor led<br>supports<br>Subject specific ed. tech use  |  |
| Use of expanded learning<br>time (before or after<br>school) | Office hours available to all<br>students  | Office hours available to all<br>students  | Office hours available to all<br>students  | Office hours available to all<br>students   |  |