



# The Academies of James Campbell High School

## Academy of Science, Technology, Engineering, Arts, & Mathematics (STEAM)

### Pathway: Architecture

Recommended Program of Study

SUBJECT	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
CTE	Foundations to Architecture	Architecture 1	Architecture 2	Architecture Work-Based Learning
MATH	Algebra I	Algebra II	Geometry	Trigonometry / Pre Calculus or AP Calculus
ENGLISH	English Language Arts 1	English Language Arts 2	English Language Arts 3	English Language Arts 4
SOCIAL STUDIES	Modern History of Hawaii & Participation in Democracy	World History or AP World History	US History	Psychology & Sociology
SCIENCE	Physical Science	Biology	Chemistry or Physics	Science Elective
Course 6 (Math pairings)	Math Workshop (paired with Algebra 1)	Math Workshop (paired with Algebra 2)	Math Workshop (paired with Geometry) or Trigonometry/Pre Calculus (paired with Geometry)	Calculus (paired with Trig/Pre Calculus or AP Calculus)
Course 7	PE Fitness & PE Lifetime Activities	Health & Guidance	World Language 1	World Language 2
Course 8	ELA Workshop (paired with ELA 9)	AP Course (paired with AP World History) or Elective	Fine Arts 1 or Elective	Fine Arts 2 or Elective

#### Graduation Honors

**Academic Honors:** Requires 4th Science, 4th Math (higher than Algebra 2), 3.0 cumulative GPA or higher, Combination of 2 AP/IB/EC

**CTE Honors:** Completion of Program of Study, 3.0 cumulative GPA or higher, B or better in each required Program of Study, Meet or Exceed proficiency on performance-based assessments for Program of Study.

**STEM Honors:** Requires 4th Science, 4th Math (higher than Algebra 2), 3.0 cumulative GPA or higher, completion of STEM Capstone Project.

#### Work-Based Learning Experiences

Digital Portfolio | Mock Interview | Resume | Application | Career Fair | Post-Secondary Research | Financial Literacy Module | Community Service (20 hours) | ACT | Extra or Co-curricular Activities | Scholarship / Financial Aid Applications | Personal Statement | Post-Secondary Tour | Post-Secondary Application | Pathway Field Trip | Senior Project

#### Available Industry Certification

AutoCAD, Revit

#### Post Secondary Curriculum

Internship / On The Job Training	<a href="#">Good jobs Hawaii</a>
Bachelor's Degree & higher	<a href="#">University of Hawaii at Manoa: School of Architecture</a>

#### High Wage-High Skill-High Demand Careers

Visit [https://www.bls.gov/oes/current/oes\\_hi.htm#29-0000](https://www.bls.gov/oes/current/oes_hi.htm#29-0000) to search for high wage, high skill, high demand careers in Hawaii