Artificial Intelligence - Institute of Technology & Engineering
@ Walker Junior High & Kennedy High School

Can a student be **college ready,** earn the **Seal of Biliteracy,** and **complete a pathway**?

YES! In fact, the completion of **ALL** three helps a student be better prepared for higher education **AND** more competitive for scholarships and in college admissions.

	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Coursework	STEAM Lab	STEAM Lab	Advanced Manufacturing & Engineering 1	Advanced Manufacturing & Engineering 2	AP Computer Science A	App Development
	English P/HP	English P/HP	English P/HP	English P/HP	English P/AP	English P/AP
	STEAM Math P/HP	STEAM Math P/HP	Math P/HP	Math P/HP	Math P/HP	Math P/HP
	STEAM Science P/HP	STEAM Science P/HP	Biology P/HP	Chemistry P/HP	Science Elective P/HP/AP	Elective
	History P/HP	History P/HP	PE	PE	US History P/AP	Government/ Economics P/AP
	Elective	World Language/ Elective	World Language	World Language	World Language	Visual/Performing Art
	PE	PE	Summer School/ eLearning: Health	Summer School/ eLearning: World History	N/A	N/A
College Credit		Dual Enrollment-Cypress College Counseling 150 C		Dual Enrollment-Cypress College **Computer Programming Certificate** CIS 211 C- Introduction to Programming CIS 236 C- Introduction to Oracle CIS 234 C- Advanced JAVA (Must pass AP Comp Sci A exam) CSCI 242- Computer Architecture and Organization		
Work Based Learning	Career Exploration/ Awareness		AIME Career Mentoring		AIME Internship	
Enrichment	Robotics Symposium			Skills USA		

Community College
AA/AS Degree
Certifications

University
BA/BS Degree

Join the Workforce Career Ready

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Benefits of Taking this Pathway

This pathway is the **ultimate** opportunity for innovators, builders, makers and coders. Students who complete this pathway will have opportunities to build and invent using tools and techniques such as computer aided drawing, welding, 3D printing, laser cutting, CNC machining, micro-controller programming, and can build the skills needed to develop applications using various programming languages.

Student benefits include:

- Building skills in critical thinking, creativity, communication, collaboration, character
- Real world experience and skills with a hands-on approach
- Potential to earn college credit
- Exposure to industry professionals
- Courses fulfills several A-G requirements
- Develop deep skills in highly sought after and extremely lucrative career fields

Workforce Potential

Potential Careers include:

- CAD Designed
- CNC Operator
- Engineer
  - Electrical
  - Mechanical
  - Structural
  - Environmental
  - Aerospace
- Computer Science
  - Software Engineer
  - App Developer
  - Data Scientist

Local College Programs

Pledge Partners
Cypress College
Fullerton College
California State University, Fullerton
University of California, Irvine

Other Local Schools
Biola University
California Polytechnic University, Pomona
California State University, Long Beach
California State University, San Bernardino
Cerritos College
Chapman University
Orange Coast College
Santa Ana College
University of California, Los Angeles
University of California, Riverside

Want More Information?

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Our Partners

Cypress College

Additional partners coming soon!

UNLIMITED YOU
ANAHEIM UNION HIGH SCHOOL DISTRICT