Implement a cloud infrastructure to host a Web app in the cloud.

D. Building and Operating Robots

Students will:
Be introduced to the applied use of technology, leading to career opportunities in the Information Systems–based industry.
Learn how to build a rolling robot incorporating a BASIC Stamp 2 microcontroller brain.
Learn the history of robotics platforms, and the mathematical and engineering concepts that support robotics-based information systems.
Gain knowledge (through individual research) of the historical and future uses of robots in industry.
Develop skills in applications programming, as applied to robotics platforms and systems.
Apply concepts from the fields of mathematics, computer programming, Information Technology, and engineering to address real-world problems using robotics platforms.

E. Senior Defense of Student's ITA (Information Technology Academy) Work Products

Students will:
Enhance their oral communication skills through ongoing presentation of their work products, culminating in a 15-minute senior defense presentation to working professionals.
Learn the concept of "continuous improvement" of their work, through the production and continuous refinement of work produced over their Information Technology Academy career.
Gain college- and career-readiness capabilities.

Grading Policies

Letter Grades will be assigned using the default WCCUSD grading procedures.
Total assigned points will vary depending on assignment. Total points will be weighted and computed as follows:

Projects 20%	Technical Applications 15%	Literacy 10%	College and Career Development 10%

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