

AP Computer Science Capstone Rubric

Category	Excellent	Good	Poor
Synthesis of multiple concepts in unfamiliar situations requiring research beyond the scope of the class (40%)	capstone synthesizes multiple concepts in unfamiliar situations requiring research beyond the scope of the class	capstone synthesizes a few concepts requiring minimal research beyond the scope of the class	capstone is a rehash of concepts covered in class
Code is readable, documented, and efficient (30%)	code is exceptionally well organized and very easy to follow; documentation is well written and clearly explains what the code is accomplishing and how; code is extremely efficient without sacrificing readability and understanding	code is fairly easy to read; documentation consists of embedded comments and JavaDoc that is somewhat useful in understanding the code; code is fairly efficient without sacrificing readability and understanding	code is poorly organized and very difficult to read; documentation is simply embedded comments and does not help the reader understand the code; code is brute force and unnecessarily long
Demonstrates initiative and thoughtful planning to leverage available resources (time, equipment, external expertise) and meet milestones (10%)	capstone demonstrates initiative and thoughtful planning to leverage available resources; intermediate milestones were met	capstone demonstrates some initiative and leverages an available resource; an intermediate milestone may have been missed slightly	capstone appears to have involved minimal planning, missed intermediate milestones, or failed to reach its potential due to underutilized resources
Published on-time on a publicly accessible electronic portfolio on Canvas (10%)	capstone is published on-time on a publicly accessible electronic portfolio on Canvas which includes zip file containing BlueJ project, Java source, and HTML JavaDocs	capstone is published late or initially not on a publicly available electronic portfolio on Canvas	capstone not published or not publicly accessible
Evidence of significant revision and incorporation of feedback (10%)	capstone has evidence of significant revision and incorporation of feedback that results in significant improvement	capstone has evidence of minor revision and incorporation of feedback that results in minimal improvement	capstone appears to have undergone little to no revision or incorporation of feedback or no improvement resulted