ADVANCED PLACEMENT COMPUTER SCIENCE
COURSE APPLICATION
RETURN THIS APPLICATION TO MRS. HASSELD, ROOM 407. PLEASE COMPLETE ALL FIELDS.
DUE DATE: February 4, 2021

This application should be completed by students interested in taking:
- AP Computer Science Principles or
- AP Computer Science A (Java)

1. Name: _____

2. Current Year in School: Freshman   Sophomore   Junior   Senior

3. I have completed Algebra 1:   YES   NO

4. What grade did you receive in Algebra 1? _____

5. Please circle the courses below which you have taken:

    Intro to Programming   Web Design   Social Media Marketing

    Digital Content Development   CAD Architecture/Design/Animation

6. Please describe any additional technical experience you have. Include things like courses outside of HHS, Robotics, tinkering you do at home, etc.

COURSE SELECTION
There are two AP Computer Science Courses offered at HHS. Please read the brief description of each and then answer the questions. I recommend that you take AP Computer Science Principles first, followed by AP Computer Science A.

AP COMPUTER SCIENCE PRINCIPLES: This course is ideal for <u>all</u> students because it will enable them to understand the impacts of technology on our society, economy and culture. Students do NOT need a background in programming. Computer Scientists working in the field say "this is the fundamental, big picture course I wish I would have had at the beginning". This course covers the broad fundamentals of computer science and its impact on people, the economy and society.

AP COMPUTER SCIENCE A: This course is ideal for students interested in pursuing careers in technology (including all disciplines of engineering) and for students who will major in other disciplines and want to be informed citizens in today's technological society. This course uses the Java programming language to introduce students to computer science with fundamental topics that include problem-solving, design strategies and methodologies, analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented programming and imperative problem solving and design.

7. Which AP Computer Science Course would you like to take? (you can select both)

     AP Computer Science Principles   AP Computer Science A

8. Please explain your decision.

9. Please provide any additional information that you feel would be helpful when considering your application.