

AP Computer Science A: Student Application

AP Computer Science is a college level course that gives students the opportunity to receive advanced placement credit in college. Students will learn problem solving and algorithm development using the JAVA programming language. No prior computer programming experience is required. The course is taught from 6:45am to 7:40am four days a week. The course prepares students to take the AP test in May. A passing score on this test may enable students to receive college credit for their high school work. Prerequisite: successful completion of Algebra 2/Trigonometry required prior to enrollment in course. You are required to bring your Microsoft Surface to class each day.

In order to be considered for enrollment in AP Computer Science at Seattle Prep, you must complete the following tasks:

- A. Fill out this application and turn it in to your Math or Science teacher by Wednesday, February 6th.**
- B. Have your current Math or Science teacher fill out the recommendation form on the back and submit it to Ms. Mentele by Tuesday, February 12th, 2019.**

If you have any questions, you can contact Ms. Mentele at cmentele@seaprep.org

Name: _____ **Grade:** _____

Email address: _____

Current Math teacher and class: _____

Prerequisite of Algebra 2/Trig. met: **Yes** **No**

Current Science teacher and class: _____

Please answer the following questions in some detail:

Why do you want to take AP Computer Science?

Do you have any previous programming experience? If so, give a brief description of what you did including the programming language(s) you used.

Are you going to take other AP classes? If so, which ones?

Do you anticipate any problems getting to school by 6:45am?

Do you have access to a computer at home?

AP Computer Science A: Teacher Recommendation

Student Name: _____

Current Class: _____

Teacher Name: _____

A. Attendance (for 1st semester)

- Perfect attendance Fewer than 5 days absent
 5-10 days absent More than 10 days absent

B. Promptness (for 1st semester)

- Always on time Fewer than 5 days tardy
 5-10 days tardy More than 10 days tardy

C. Quality of Work

- Thoughtful, thorough, illustrates clear understanding of material
 Turned in on time, adequately done, shows a basic understanding of material
 Struggles with the material but will seek help
 Shows minimal understanding and does not seek help

D. Group Work

- Takes a leadership role in group work
 Actively contributes to group work
 Needs prompting or cueing
 Rarely contributes to group work

E. Logical reasoning

- Understands the reasoning and logic behind answers to problems.
 Knows the correct steps to take to solve problems, but may be shaky on the reasons for those steps.
 Can solve some problems, but logic is often flawed or incomplete.
 Struggles with most mathematical logic.

F. Completion of Assignments

- Assignments are completed on time and with appropriate detail
 Assignments sometimes late and/or lacking detail
 Assignments are frequently late and/or lacking detail
 Often does not complete assignments satisfactorily

G. Overall recommendation

- Highly recommend
 Recommend
 May recommend, but need to see how this semester pans out.
 Do not recommend

Please comment if you have any reservations about this student as a candidate for AP Computer Science:

Signature of Math or Science Teacher: _____

Please return this sheet to Ms. Mentele by Tuesday, February 12th, 2019.