

AP Expectations



Mathematics Department

AP Computer Science
Dr. Kim Cozean

Room: G308
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Class Policies

COURSE CONTENT: The AP Computer Science A course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.

This Advanced Placement Course is a **college-level** computer science with the curriculum established by The College Board. The Advanced Placement Program is a very rigorous and demanding one in that it prepares the student for the AP Exam which measures mastery of the subject. Passing the exam allows the student the opportunity to receive college math credit and advance placement into the subsequent college level math course.

All students are required to take the AP Examination in May. Students will take semester exams that are very similar to the format and level of difficulty of the actual AP Test. The first semester exam will consist of problems taken from previous AP Exams and the second semester exam will be a given over the course of 3 or 4 days at the end of April PRIOR to the AP (IB) Exam. Students will NOT take a final exam for this course during regularly scheduled second semester final exam week.

TEXT: Horstmann, Big Java, Early Object, 5th Edition, 2014

SUPPLEMENTARY TEXTS and/or RESOURCES:

http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/4483.html

An exam review book will be required to be purchased in the Spring in preparation for the AP exam.

MATERIALS:

- Textbook
- Tablet PC Computer

Students are expected to have these materials on a daily basis. We will be using the text book daily in class. Failure to have the necessary materials may result in a loss of participation points.

SEMESTER GRADE

The semester grade will consist of the following components:

Exams 55%
Projects (homework) 10%
Quizzes 10%
Participation / Conduct 5%
Semester Final Exam 20%

Athletic eligibility is determined by the grade given at the end of each of the four grading periods. Grades may not be changed to accommodate late work or tests unless an incomplete has been given.

Assignment grades will be considered final one week after they have been entered in the grade book. It is the responsibility of the student to make sure that grades are entered correctly. No changes will be made after that time.

Exams (55%): Exams will be given typically at the end of two chapters of material. Exams will be cumulative in nature and include AP level questions. Exams will typically be administered in class using the Learning Portal.

Projects (10%): Programming projects and written review exercises will be assigned for each chapter. All projects will be submitted online via the learning portal and will have strict due dates. Projects may not be submitted late for credit.

Quizzes (10%): Quizzes will be given about once per week based on the material covered as well as previously covered material. Quizzes will be administered in class using the Learning Portal.

Participation (5%): Each student will start with a weekly participation grade of 10 points. Points will be deducted from the participation grade for: an unexcused tardy, not being prepared for class (missing material, pencil, paper, etc.), unfocused or inattentive, talking

during lecture, other discipline issues. One point will be deducted for each occurrence, with a negative score at the end of a particular week carrying over to the next week's participation grade.

GROUP WORK POLICY: All students will be held accountable for individual work. Students will be given an individual grade as well as a group grade.

ABSENCE/MAKE-UP POLICY:

- The student is responsible for missed material, regardless of the nature of the absence and will be given a "one for one" accommodation in number of days to make up work. In other words, if the student is absent from class for 2 days, the student has 2 days to make up missed assignments. Extended absences and/or extenuating circumstances will be dealt with on an individual basis, but consistent with the SMCHS Excessive Absence Policy outlined in the 2015-16 Student Agenda
- **As per math department policy, tests must be made up within 1 week.** Tests which have not been made up within the one week period will be graded as zeros. Extenuating circumstances resulting in extended absences will be dealt with on an individual basis.

LATE WORK: Late programming projects will not be accepted for credit.

EXTRA CREDIT: Extra credit, if given, will count for no more than 2% of the student's quarter grade. Extra credit will not be available for the purpose of raising an individual student's grade.

EXTRA HELP: I will be available during office hours in G308 at the following times: Monday – Friday 7:00 am until 7:20 am. Monday, Wednesday 2:15 – 2:45 pm, Tuesday, Thursday 2:15 – 3:15 pm. Other times are available by appointment.

TABLET PC POLICY

The school issued tablets are the property of Santa Margarita Catholic High School and have been issued to students to facilitate learning. Students are expected to be good stewards of the device, taking care not to drop it, leave it unattended, or otherwise modify the system. All communications and use must be respectful of school values and human dignity; no inappropriate language, bullying, gossip, name-calling, etc., will be tolerated. Additionally, students must comply with all of the following student responsibilities:

- I understand that I must bring my tablet to school each day in working order. The battery will be fully charged, the sound will be turned off, and all educational software will be operational.
- I will take my tablet to the tech service center if it is not working properly, if it needs repair or to install needed software.

- I will keep my tablet in a safe place, such as my locker, when I am not using it. I will be certain it is secure during after school activities.
- I understand that it is my responsibility to back up my files on the server on a regular basis.
- I will not backup personal files such as music files or pictures to the server.
- I will take my tablet to the tech service center to reset a forgotten password.
- I will not bring personally owned devices to class as many of the resources and learning activities are not accessible through personal devices.

Failure to follow the student responsibilities and/or policies above will result in a deduction of participation points and, in the case of repeated offenses, a dean's detention.

For a test or chapter quiz being administered on the tablet, the consequences of any student without a functioning tablet will be:

- 1st offense: will be allowed to take a paper test without a penalty warning.
- 2nd offense: will be allowed to take a paper test with 10% penalty.
- 3rd offense and beyond: will be allowed to take a paper test with a 20% penalty.

Failure to have a tablet on quizzes will result in a zero.

CLASS RULES

In an effort to provide a classroom environment that is conducive to learning, the following general guidelines have been established. It is expected that all students will follow these guidelines and contribute to an optimum learning environment.

- These guidelines are: trust, truth, active-listening, no put downs and put forth a personal best each day in the classroom.
- Students must respect the speaker all times during the class period. There is much to be learned from all questions and comments and speaking while other person is speaking constitutes rudeness. Lack of respect for fellow students or the teacher will not be tolerated.
- Please quickly and respectfully stand with another adult enters the room.
- Cell phones, IPODs, IPADS, I*.* and other electronic devices except for the school issued tablet PC are not to be used in class unless explicitly permitted by the instructor for a particular activity.
- It is expected that students during class will adhere to all of the rules for computer use that apply to the SMCHS computer network policies.
- If a student is absent from class, it is the student's responsibility to find out what material was covered. (All assignments will be posted in the learning portal)
- The teacher's computer is off-limits to all students.
- Food/drinks/gum are not allowed in the classroom except for water which must be kept away from the computer equipment at all times.
- Any classroom behavior deemed to be detrimental to the learning process will be addressed with appropriate disciplinary consequences.
- Each student has the right to learn. Behaviors which infringe on his right will result in appropriate disciplinary action. It is the responsibility of the teacher to present

the material in an environment conducive to learning. It is the responsibility of the student to provide the self-discipline necessary to achieve his or her potential.

- Sharing of electronic files is considered academic dishonesty and will be dealt with in the appropriate manner.
- Consequences for misbehavior include a warning, a teacher/student talk, teacher detention, phone call to parents, dean's referral.
- All SMCHS rules and regulations as outlined in the 2014-15 Student Agenda will be STRICTLY enforced
- Academic integrity and ethical behavior are expected from all SMCHS students. Academic dishonesty and unethical behavior are contrary and counterproductive to the philosophy and goals of SMCHS. Academic dishonesty as outlined in the 2015-16 Student Agenda, as well as behaviors that may be misconstrued as such will not be tolerated and consequences for violation of these rules are outlined in the student agenda.
- Students who show blatant disrespect or challenging behavior to a teacher may be removed from that class for the remainder of the semester or year and this may result in a failing grade. The final decision will be made by the Dean's Office and the Academic Office.

The instructor reserves the right to modify these specific classroom rules with appropriate notice.

Student Expectations Agreement
Advanced Placement Courses
Santa Margarita Catholic High School
2015-2016

Advanced Placement courses are taught at a college level, and should be taken very seriously. This course will demand a large amount of time since it will cover the breadth of information, skills, and assignments found in the corresponding college course. Time-management skills and effective study habits are critical. Each AP course has a mandatory, cumulative, exam that will be administered in May. The whole process of taking the AP Exams is additional preparation for students headed to a competitive college where rigorous exams play an even more prominent role than in high school. Most colleges and universities in the U.S., as well as colleges and universities in other countries, have an AP policy granting incoming students credit, placement, or both on the basis of their AP Exam grades. The vision of an AP Exam on the horizon provides a powerful inspiration for AP students. Students who participate consistently throughout the year will be well prepared for success on the exam.

Taking an AP course and exam is a collaborative effort between you the student, your parent/guardian, and the school. Each party plays a role and must make the commitment to meet the expectations noted below.

The Student agrees to:

- Organize his/her time and effort to successfully complete the AP course in which he/she is enrolled.
- Notify the teacher immediately if he/she falls behind in class readings and/or assignments.
- Complete assignments, readings and projects outside of class time.
- Register for his/her AP Exam(s) during the week of **January 25th** in Mr. Totah's office (Counseling).
- Take the AP exam on its scheduled date and time as outlined by the College Board. **According to Santa Margarita policy, failure to take the exam will result in the removal of the AP designation from the transcript as well as loss of the weighted grade within the GPA. The aforementioned consequences apply to both semesters.**

The Parent/Guardian agrees to:

- Become familiar with and accept the AP course requirements and policies.
- Encourage his/her child to organize study time in support of class assignments.
- Purchase required materials and pay the exam fees as determined by the College Board. The exam fee for May, 2016 is \$95 per exam. If the parent/guardian is unable to meet these requirements for financial reasons, there is a fee reduction for the exams provided by the College Board. Please contact the AP Coordinator prior to exam registration if you are requesting a fee reduction.
- Remind his/her child of the exam registration week and the examination date(s).

The School (AP Teacher and AP Coordinator) agrees to:

- Provide rigorous instruction and challenging course content as described in the *AP Course Description*.
- Provide the student with a copy of the *Bulletin for AP Students and Parents* prior to the exam. This will be mailed to all AP families in January.
- Administer the AP Exam in a fair and secure environment as outlined in the *AP Coordinator's Manual*.

Registration for the May 2015 AP Exams will take place January 25th – January 29th in the Counseling Office. Directions for exam registration and a copy of the *Bulletin for AP Students and Parents* will be mailed to your home in January.

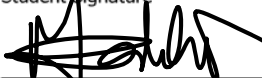
Agreement: We agree to the conditions outlined above for the AP course listed below.

AP Course: AP Computer Science

Student Name (please print): Joe Fedden


Student Signature

8/13/15
Date


Parent/Guardian Signature

8/13/15
Date