

**NEW ROCHELLE HIGH SCHOOL SCIENCE DEPARTMENT  
ADVANCED APPLICATION 2019-2020**

Student Name \_\_\_\_\_ ID # \_\_\_\_\_

COURSE REQUESTED: \_\_\_\_\_

Dear Prospective AP/Advanced Students and Parents:

I am delighted that you are considering applying for an advanced or college-level (AP) class for the 2018-2019 school year. The New Rochelle High School Science Department supports any student who wants to accept the challenges of an advanced or college level course. Students are expected to take these courses to gain a deeper understanding of the material and expect to work at a rigorous level.

Students are expected:

1. To be independent learners, willing to read, learn, ask questions, pursue outside reading and research, integrate and discuss material from diverse sources.
2. To spend, on average, approximately five hours per week for each advanced/college level class (AP)
3. To maintain a high level of academic integrity
4. To thoughtfully select how many AP courses they are taking within one school year

Students who enroll in advanced or college level (AP) course and their parent/guardian must sign the following written contract:

1. I understand that advanced classes typically require 1-1/2 times as much homework as regents' classes; and college (Advanced Placement) course may require as five hours of homework weekly.
2. I know that withdrawing from an AP class after the official DROP date is reflected as a Withdrawal Fail (WF) on the official transcript. DROP DATE – END of 1<sup>st</sup> Marking Period
3. I know that by enrolling in an Advanced Placement course, I am expected to take the corresponding Advanced Placement exam in May.
4. I agree to uphold New Rochelle High School's integrity policy. I understand that I may be dropped from any AP class with a failing grade pursuant to a violation of the Academic Integrity Policy if I plagiarize, cheat, or submit work other than that which I personally have done.

_____ Student Name (Print)	_____ Student Signature	_____ Date
_____ Parent/Guardian Name (Print)	_____ Parent/Guardian Signature	_____ Date

I encourage you to complete your application and return it with all required forms so that you may be considered for placement in the 2018-2019 advanced/college (AP) classes. **The application must be submitted no later than 2:30 PM on MARCH 15, 2019 to room 360 B - Mrs. Josephine Pasqua.**

*Sincerely,  
Rekha Liveris  
Science Chair*

## WORKLOAD FOR ADVANCED AND COLLEGE (AP) COURSES

### **CHEMISTRY –ADVANCED**

This is a **pre-AP** chemistry course requiring advanced problem solving skills for students who wish to major in science at the undergraduate level. Students should expect homework every night – solving problems, written laboratory work, and studying. Students should expect to spend at least one hour each night.

### **Earth Science – Advanced**

Students are expected to complete nightly homework assignments involving readings from textbook or outside sources. In addition, students will be required to complete lab reports. Students should spend at least 30 -45 minutes each night completing homework, labs, and reviewing each night.

## **College Level Courses (AP)**

### **AP Biology**

Homework assignments include daily review of notes and textbook readings, digital assignment on Google Classroom, weekly lab reports and write-ups, weekly exam review. Students must dedicate at least 6 hours per week to complete daily assignments to succeed in this course.

### **College Forensics (SUPA)**

Students are expected to spend at least 20-30 min reviewing their notes to be prepared for discussions in class the next day. They are also expected to watch the news for forensics or crime related stories that apply to topics discussed in class. Weekly reading and note-taking assignments require 45-60 minutes - these assignments include articles written in trade journals, legal documents, government documents, etc. In addition, students are required to complete lab reports on a weekly basis and may require 45-60 minutes for completion. Students must be prepared to dedicate at least 30-60 minutes per night to succeed in college forensics.

### **AP Environmental Science**

Weekly textbook assignments include case studies and research projects. Students are given a minimum of 2 nights to complete assignments. Textbook assignments take 2-3 hours, case studies and projects 4-6. Students report spending 2-5 hours studying prior to an assessment (again, multiple nights are given to do so). Students report that if they averaged the workload over a nightly basis they require 30-60 minutes per night.

### **AP Physics 1**

Students are expected to complete problems on Web-Assign (online) which require approximately 1.5 hours per night.

### **AP Physics 2**

Students are expected to complete problems on Web-Assign (online) which require approximately 1 hour per night.

### **AP Physics C**

Students are expected to work on homework assignments for approximately 1-2 hours per night. Homework may require reading textbook pertaining to a particular topic, completing online homework problems, completing lab work, or completing worksheets.

### **AP Chemistry**

Students must dedicate at least 1 hour per night in completing homework assignment and reviewing class notes. Homework includes lab reports which can be time consuming [some may require more than 1 hour to complete -students are given at least three days to complete a lab report], textbook reading/note-taking assignments, and worksheets with sample problems.

## TEACHER RECOMMENDATION FORM

For Admissions into Advanced or College Level (AP) Science Classes

Student's Name \_\_\_\_\_

To the Student: Ask your current science teacher to fill out this form. Be sure to write your name on this sheet.

To the Teacher: Please fill out the form for the student named above and return to the science department TA - Josephine Pasqua [Room 360B]. A student will not be considered for acceptance into advanced or college level (AP) classes without this form. Please know that your recommendation will be kept confidential. Thank you.

<u>Candidate's Attributes</u>	poor	below average	average	above average	excellent
<b>Academic Abilities:</b>					
<ul style="list-style-type: none"> <li>• reading, writing, and analytical skills</li> <li>• verbal expression</li> <li>• originality/creativity</li> <li>• motivation</li> </ul>	1	2	3	4	5
<b>Work Habits/Participation:</b>					
<ul style="list-style-type: none"> <li>• initiative, effort</li> <li>• use of class time</li> <li>• turns in quality work</li> <li>• attendance</li> <li>• positive participation in class activities/respect for class environment</li> </ul>	1	2	3	4	5
<b>Out-of-Class Habits:</b>					
<ul style="list-style-type: none"> <li>• time and stress management</li> <li>• ability to prioritize</li> <li>• homework completion</li> <li>• preparation for class (completed reading, has materials, etc.)</li> </ul>	1	2	3	4	5
<b>Personal Qualities:</b>					
<ul style="list-style-type: none"> <li>• maturity level</li> <li>• reaction to criticism/setbacks</li> <li>• respect for teacher and peers</li> </ul>	1	2	3	4	5

<p><i>Overall, this student's skills and abilities make him or her:</i> (please circle one of the choices below)</p>
<p><i>Highly prepared for success in Advanced /College level (AP ) Class</i></p>
<p><i>Moderately prepared but extra effort will be needed</i></p>
<p><i>Not yet prepared</i></p>

Teacher's Name \_\_\_\_\_

Teacher's Signature \_\_\_\_\_

Date \_\_\_\_\_