

**KEY:**

**SP** - single period  
**DP** - double period  
**TP** - triple period  
**H** - honors  
**AP** – Advanced Placement  
**IB** – International Baccalaureate  
**#requires an audition**  
**S1** – First Semester  
**S2** – Second Semester

# ROCKVILLE HIGH SCHOOL 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> COURSE OFFERINGS 2009-2010

6486 Studio Art 2-D, AP S1  
 6487 Studio Art 2-D, AP S2  
 6305/6306 Studio Art 3 A/B  
 6488 Studio Art 3-D, AP S1  
 6489 Studio Art 3-D, AP S2  
 6482 Studio Art Drawing, AP S1  
 6484 Studio Art Drawing, AP S2  
 6926/6927 Theater 1 A/B  
 6928/6929 Theater 2 A/B

**CAREER EDUCATION**

8092/8093 Career Research&Dev A/B  
 5427/5428 Cooperative Work Exper 2 A/B  
 5439/5440 Cooperative Work Experience On The Job Training A/B  
 5441/5442 Cooperative Work Experience On-the-Job Training A/B DP  
 5443/5444 Cooperative Work Experience On-the-Job Training A/B TP  
 5461/5462 Internship, Marketing A/B  
 5463/5464 Internship, Marketing A/B DP  
 5465/5466 Internship, Marketing A/B TP  
 7813/7816 Internship, Student A/B

**EDUCATION, ENTREPRENEURSHIP, FINANCE, INFORMATION TECHNOLOGY**

4847/4848 Child & Adol Dev 1 A/B  
 4849/4850 Child & Adol Dev 2 A/B  
 4866/4867 Child & Adol Dev 3 A/B  
 4200/4201 Computer Programming 1 A/B  
 2989/2990 Computer Programming 1 A/B  
 4825/4826 Culinary Essentials A/B  
 4204/4205 Food Trends &Tech A/B  
 4843/4844 Food Trends &Tech A/B  
 4630/4640 Intntl Cultures & Cuisines A/B  
 4862/4863 Intern, Child Development DP  
 2903/2904 Software Apps by Design A/B  
 4055/4056 Software Apps Mngement A/B  
 2991/2992 Web Site Development A/B

**ELECTIVES**

8904/8905 AVID 10 A/B  
 8906/8907 AVID 11 A/B  
 8908/8909 AVID 12 A/B  
 8902/8903 AVID 9 A/B  
 1146 HSA Prep Workshop

**ENGLISH**

1139/1140 Academic Rdg. (Read 180) A/B  
 1130/1135 Advanced Comp. A/B (Echoes Lit. Mag.)  
 1321/1322 English 10 A/B  
 1323/1324 English 10 H A/B  
 1331/1332 English 11 A/B  
 1333/1334 English 11 H A/B  
 1341/1342 English 12 A/B

1311/1312 English 9 A/B  
 1313/1314 English 9 H A/B  
 1015/1016 Eng Lang & Comp Adv Pl A/B  
 1017/1018 English Lit & Comp Adv Pl A/B  
 1461 Informative & Argumentative Spkg S1  
 6906 Literature as Film S2  
 1024/1025 Pre-IB English 10 A/B  
 1022/1023 Pre-IB English 9 A/B  
 1142 SAT: Verbal & Math Prep. S1&2

**ESOL**

1206/1216 ESOL Lab A/B  
 1201/1211 ESOL Level 1 A/B  
 1217/1218 ESOL Level 1 Elective A/B  
 1202/1212 ESOL Level 2 A/B  
 1219/1220 ESOL Level 2 Elective A/B  
 1203/1213 ESOL Level 3 A/B  
 1204/1214 ESOL Level 4 A/B  
 1205/1215 ESOL LEVEL 5 A/B  
 1225 TOEFL Prep S1

**HEALTH**

7835 Comprehensive Health Educa10  
 7841 Comprehensive Health Educa 10 H

**MATHEMATICS**

3111/3112 Algebra 1 A/B  
 3301/3302 Algebra 2 A/B  
 3310/3311 Algebra 2, H A/B  
 3053/3054 Bridge to Algebra 2 A/B  
 4352/3453 Calculus AB AP A/B  
 3491/3492 Calculus BC, AP, A/B  
 3356/3357 Calculus with Applications A/B  
 3201/3202 Geometry A/B  
 3203/3204 Geometry, HA/B  
 3113/3114 Math Approach to Problem Solving A/B  
 3048/3049 Multi Cal Diff. Equations A/B  
 3489/3490 Precalculus A/B  
 3350/3351 Precalculus, H A/B  
 3121/3122 Quantative Literacy A/B  
 3231/3232 Related Mathematics A/B  
 3322/3323 Statistics & Mathematical Modeling A/B  
 3320/3321 Statistics AP A/B

**PHYSICAL EDUCATION**

7720 Physical Education 1, General  
 7721 Physical Education 2, General  
 7722 Physical Ed., Concentrated S1&2 (10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grade only)  
 772301 Aerobics A  
 772302 Aerobics B  
 772303 Basketball A  
 772304 Basketball B  
 772307 Street Hockey A  
 772308 Street Hockey B

772330 Dance A  
 772331 Dance B  
 772309 Soccer A  
 772310 Soccer B  
 772315 Weight Trn/Con A  
 772316 Weight Trn/Con B  
 77232 Women's Wgt Trng A/B  
 772311/772312 Volleyball A/B

**SCIENCE AND ENGINEERING**

3761/3762 Anat. & Physiology A/B  
 3631/3632 Biology A/B  
 3651/3652 Biology, AP DP A/B  
 3621/3622 Biology, H A/B  
 3721/3722 Chemistry A/B  
 3751/3752 Chemistry, AP DP A/B  
 3711/3712 Chemistry, H A/B  
 3811/3812 Earth/Space Systems A/B  
 3815/3816 Earth/Space Sysms, H A/B  
 3661/3662 Enviro Science A/B  
 3864/3865 Forensic Science A/B  
 3671/3672 Horticultural Science A/B  
 3504/3505 Internship, NIH A/B  
 3749/3750 Matter & Energy A/B  
 3764/3765 Matter & Energy, H A/B  
 3831/3832 Physics A/B  
 3821/3822 Physics A/B, H  
 3837/3838 Physics B, AP A/B  
 3634/3635 Pre-IB Biology A/B  
 3744/3745 Pre-IB Chemistry A/B

**SOCIAL STUDIES**

2320 Comparative Religions S1  
 2315 Economics, Macroeconomics, AP S1  
 2316 Economics, Microeconomics, AP S2  
 2323 Executive High School Internship Program S1  
 2325 Executive High School Internship Program S2  
 2104/2105 Gov, US & Politics with NSL, AP A/B  
 2107/2108 Government—National, State, and Local (NSL) A/B  
 2127/2128 Government—National, State, and Local (NSL) H A/B  
 2103 History, African American S2  
 2214/2215 History, European A/B  
 2216/2217 History, European, AP A/B  
 2221/2222 History, Modern World A/B  
 2223/2224 History, Mod World HA/B  
 2110/2112 History, United States A/B  
 2111/2113 History, US H A/B  
 2114/2124 Hist, US, AP A/B  
 2240/2241 Hist, World, AP A/B  
 2318/2319 Humanities A/B

2311 Philosophy S1  
 2312 Law I S2  
 2304/2313 Psychology1/2  
 2330/2331 Psychology, AP A/B  
 2305/2314 Sociology 1/2

**WORLD LANGUAGES**

1596/1597 American Sign Language 1 A/B  
 1593/1594 American Sign Language 2 A/B  
 1871/1872 Chinese 1 A/B  
 1873/1874 Chinese 2 A/B  
 1875/1876 Chinese 3 A/B  
 1925/1926 Chinese 3, H A/B  
 1877/1878 Chinese 4 A/B  
 1927/1928 Chinese 4, H A/B  
 1879/1880 Chinese 5 A/B  
 1881/1882 Chinese 6 A/B  
 1929/1930 Chinese Language and Culture, AP A/B  
 1611/1621 French 1 A/B  
 1612/1622 French 2 A/B  
 1633/1643 French 3, H A/B  
 1634/1644 French 4, H A/B  
 1615/1625 French 5 A/B  
 1616/1626 French 6 A/B  
 1635/1636 French Language, AP A/B  
 1711/1721 Spanish 1 A/B  
 1712/1722 Spanish 2 A/B  
 1733/1743 Spanish 3, H A/B  
 1734/1744 Spanish 4, H A/B  
 1715/1725 Spanish 5 A/B  
 1716/1726 Spanish 6 A/B  
 1777/1778 Spanish for Span Spkers 1 A/B  
 1779/1780 Spanish for Span Spkers 2 A/B  
 1781/1782 Spanish for Span Spkers 3 A/B  
 1759/1760 Spanish Language, AP A/B

**ENGINEERING ACADEMY (Project Lead the Way)**

5721/5722 Aerospace Engi. A/B (ASE)  
 5156/5157 Digital Electronics A/B  
 5158/5722 Engi. Design & Dev. A/B (EDD)  
 5152/5153 Introduction to Engineering Design A/B (T2/TE credit)  
 5150/5151 Principles of Engineering A/B (T2/TE credit)

For course descriptions go to  
<http://coldfusion.montgomeryschoolsmd.org/coursebulletin/index.cfm>

**ARTS AND MEDIA**

6912 Acting, Advanced S1  
 6313/6314 Advanced Studio A/B  
 6831/6832 Band, Advanced A/B  
 6821/6822 Band, Concert A/B  
 6826/6827 Band, Symphonic A/B  
 6828/6829 Band, Symphonic, H A/B  
 6381/6391 Ceramics/Sculpture 1 A/B  
 6383/6393 Ceramics/Sculpture 2 A/B  
 6385/6386 Ceramics/Sculpture 3 A/B  
 6731 Choir, Concert S1  
 6733 Choir, Concert A, H  
 6732 Choir, Concert B S2  
 6734 Choir, Concert B, H  
 6701/6702 Chorus, General A/B  
 6017 Dance as Fine Art 1  
 6018 Dance as Fine Art 2  
 6343/6344 Digital Photography A/B  
 6055/6056 Foundations of Art A/B  
 6585/6586 Guitar 1 A/B  
 6591/6592 Guitar 2 A/B  
 6871/6872 Jazz Ensemble A/B  
 6873/6874 Jazz Ensemble, H A/B  
 6547/6548 Music Theory & Comp. AP  
 6851/6852 Orchestra, Concert A/B  
 6866/6867 Orchestra, Symphonic A/B  
 6868/6869 Orchestra, Symp. H A/B,  
 6345/6346 Photography 1 A/B  
 6347/6348 Photography 2 A/B  
 6520 Piano 1A  
 6521 Piano 1B  
 6535 Piano 2A  
 6536 Piano 2B  
 6914 Play Directing S1  
 7200/7201 Pre-IB Art and Culture A/B  
 6913 Stage Design S2  
 6105/6106 Studio Art 1 A/B  
 6205/6206 Studio Art 2 A/B

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## INTERNATIONAL BACCALAUREATE

### Arts and Media

6567/6568 IB Adv Music A/B  
6102/6103 IB Visual Arts 1 A/B  
6107/6108 IB Visual Arts 2 A/B

### Education, Entrepreneurship, Finance, Information Technology

2405/2406 IB Information Tech  
in a Global Society A/B

### English

1026/1027 IB English 1 A/B  
1028/1029 IB English 2 A/B

### Mathematics

3452/3453 IB Calculus AB A/B  
3410/3418 IB Math Studies A/B  
3420/3424 IB Precalculus A/B

### Science

3625/3626 IB Biology HL A/B  
362511/36212 IB Biology HL  
A/B (yr 2)

3623/3624 IB Biology SL A/B  
3844/3845 IB Physics 1 A/B

### Social Studies

2230/2231 IB History 1 A/B  
2403/2404 IB History 2 A/B  
2232/2233 IB Psychology A/B  
2011/2012 IB Theory of  
Knowledge 1/Ext Essay A/B  
2008 IB Theory of Knowledge 2  
S1

### World Languages

1627/1628 IB French 5 A/B  
1629/1630 IB French 6 A/B  
1753/1754 IB Spanish 5 A/B  
1755/1756 IB Spanish 6 A/B

## JOURNALISM ACADEMY

### Arts and Media

5171/5172 Elec Audio Field  
Prod A/B  
5175/5176 Elec Video Field  
Prod A/B

5169/5170 Radio Production  
A/B  
7860/7862 Television  
Production 1/2

### Electives

8041/8042 Research Project A/B  
**English**

1130/1135 Advanced Comp A/B  
1150 Journalism A: Editing,  
Gathering &

Reporting the News S1  
1151 Journalism B: Adv News  
Writing & Paper Production S2

1153 Publications Editing,  
Layout, & Business  
Management S2

8041/8042 Research Project A/B  
1152 Techniques of Adv.  
Journalism S1

8041/8042 Research Project A/B  
1152 Techniques of Adv.  
Journalism S1

8041/8042 Research Project A/B  
1152 Techniques of Adv.  
Journalism S1

## NETWORK OPERATIONS ACADEMY

4202/4203 Network Oper A/B  
(TP)

## EDISON CENTER

311392 MAPS 2A  
311492 MAPS 2B  
(Carpentry, Elect,  
Construction, Heat  
AC, Masonry,  
Plumbing, Info Sys)  
361592 Cosmetology Sci A  
361692 Cosmetology Sci B

405292 InfSys Mgt 1A (TP)  
405492 InfSys Mgt 1B (DP)  
482092 Rest. Management OJT  
(TP)

506192 Auto Tech 1A (TP)  
506292 Auto Tech 1B (TP)  
506792 Auto Tech 2A (TP)  
506892 Auto Tech 2B (TP)

559192 Elec/Const 1A (DP)  
559292 Elec/Const 1B (DP)  
559592 Elec/Const 2A (TP)

511292 Elec Tech 1A (TP)  
511392 Elec Tech 1B (TP)  
511592 Elec Tech 2A (TP)

511692 Elec Tech 2B (TP)  
511892 PrtGph Tech1A (TP)  
512592 Heating/AC 1B (DP)

512292 PrtGph Tech2B (TP)  
512192 PrtGph Tech2A (TP)

363692 Bio TechSci 1A (SP)  
363792 Bio TechSci 1B (SP)

513092 Bio Tech 1A (DP)  
513192 Bio Tech 1B (SP)

512492 Heating/AC 1A (DP)  
511992 PrtGph Tech1B (TP)

512792 Heating/AC 2A (TP)  
512892 Heating/AC 2B (TP)

541492 Hotel Travel 1A (TP)  
541692 Hotel Travel 1B (TP)

544392 Wk ExpOJT1A (TP)  
544492 Wk Exp OJT1B (TP)

555392 ABody Rep 1A (TP)  
555492 A Body Rep 1B (TP)

555592 A Body Rep 2A (TP)  
555692 A Body Rep 2B (TP)

556392 Masonry 1A (DP)  
556492 Masonry 1B (DP)

556592 Masonry 2A (TP)  
556692 Masonry 2B (TP)

557792 Carpentry 1A (DP)  
557892 Carpentry 1B (DP)

563992 Carpentry 2A (TP)  
564092 Carpentry 2B (TP)

558392 Cosmetology 1A (TP)  
558492 Cosmetology 1B (DP)

564392 Cosmetology 2A (DP)  
564492 Cosmetology 2B (DP)

558792 Cosmetology 3A (TP)  
558892 Cosmetology 3B (DP)

560392 Plumb 1A (DP)  
560492 Plumb 1B (DP)

560592 Plumb 2A (TP)  
560692 Plumb 2B (TP)

781892/781992 Internship (DP)  
583492 Med Career 1B (DP)

399592 Med Car Sci 1A (DP)  
399692 Med Car Sci 1B (DP)

570692 Network Operations (TP)  
571592 Nail Tech Sem I

583392 Med Careet IA (DP)

## ROTC (Magruder HS)

794894 Army Jr. ROTC 3B  
794294 Army Jr. ROTC 1B

794494 Army Jr. ROTC 2A  
794594 Army Jr. ROTC 2B

794794 Army Jr. ROTC 3A  
794194 Army Jr. ROTC 1A

## VISUAL ARTS CENTER (Einstein HS)

6491 Visual Arts B (TP)

6490 Visual Arts A (TP)

## OTHER

2339 Student Gov't A  
2340 Student Gov't B  
0305 Senior Class A (Advisory)  
0405 Senior Class B (Advisory)

7813 Internship A (SP)  
7816 Internship B (SP)  
7930 Comp Vision Skills A&B  
290401 Caption Wrtg  
5453 Emergency Medical  
Technician/Basic  
2802/2803 Emrgncy  
Tech/Basic-Sci A/B  
5423 Essentials of Fire Fighting,  
DP  
5424 Fire & Rescue Technqs,  
Adv, DP  
5422 Intern, Adv Fire & Res  
Technique B  
5458/5459 Intern, Emergency  
Medical Technician/Basic A/B  
5421 Internship, Essentls of Fire  
Fighting A

## AP/IB PLACEMENT Students selecting AP/IB courses:

- May not withdraw without approval from the principal
- Must take AP/IB exams at the end of the course