

Richard Montgomery High School 2011-2012

Listed below are the courses Richard Montgomery high school is offering for the 2011-2012 school year. **The descriptions of classes are found on the MCPS web page at <http://www.montgomeryschoolsmd.org>** Click on the "For Students" tab, then click on "Course Bulletin" and enter the course code number in the box labeled "Search the Bulletin". Courses that fail to enroll 20 or more students will be deleted from the list of course offerings and students will be required to choose another course. Counselors will contact students who experience a deleted course sometime before course selections are finalized in May.

NOTE: Additional Quality Points will be added to grades of A, B and C in all Honors, Advanced Placement, IB, and Advanced-Level courses only to determine Weighted GPA. Courses that are Advanced Level, but are not labeled "Honors" "AP" or IB are noted as "AL".

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| NUMBER | SUBJECT | COURSE | 9 | 10 | 11 | 12 | AL | PREREQUISITES | NOTES and RECOMMENDATIONS |
|--------------------------------|---------|--|---|----|----|----|----|---|---|
| 6055/6056 | Arts | Foundations of Art A/B | X | X | X | X | | | |
| 6355/6356 | Arts | Drawing and Design | | X | X | X | | Foundations of Art | |
| 638101/6391 | Arts | Ceramics 1 A/B | | X | X | X | | | |
| /638102 | Arts | Ceramics 1 A ,Semester 2 | | X | X | X | | | |
| 6383/6393 | Arts | Ceramics 2 A/B | | | X | X | | Ceramics 1 | |
| 6385/6386 | Arts | Ceramics 3 A/B | | | | X | | Ceramics 2 | |
| 6345/6346 | Arts | Photography 1A/B | X | X | X | X | | | |
| 6347/6348 | Arts | Photography 2A/B | | X | X | X | | Photography 1 | |
| 631320/631420 | Arts | Advanced Art: Photography A/B | | | X | X | X | Instructor Approval | |
| 6105/6106 | Arts | Studio Art 1 A/B | | X | X | X | | Foundations of Art or Student Portfolio | |
| 6205/6206 | Arts | Studio Art 2 A/B | | | X | X | X | Studio 1 | |
| 6305/6306 | Arts | Studio Art 3 A/B | | | X | X | X | Studio 2 | |
| 631300/631400 | Arts | Advanced Art for Studio Art A/B | | | | X | X | | |
| 648401/648402 | Arts | AP Studio Drawing(Studio Art) A/B (DP) | | X | X | X | | instructor approval | |
| 648201/648203 648203/648204 | Arts | AP Studio Drawing(Studio Art) A/B | | | | | | instructor approval | If you want single period use one code from each semester, if you want double period use 2 codes from each semester |
| 6454/6455 | Arts | Art and Culture A/B | | X | X | X | | | |
| 7200/7201 | Arts | Pre IB Art and Culture A/B | | X | | | X | | Magnet or Instructor Approval |
| 6496/6497 | Arts | Digital Art A/B | | X | X | X | | Foundations of Art | |
| 6102/6103 | Arts | IB Art and Design 1 A/B | | | X | X | | | Open Enrollment Elective |
| 6107/6108 | Arts | IB Art and Design 2 A/B | | | | X | | IB Art and Design 1 | Open Enrollment Elective |
| 649094/649194 | Arts | Visual Art Center (TP) | X | X | X | X | X | | At Einstein HS |
| 649294/649394 | Arts | Visual Art Center (DP) | X | X | X | X | X | | At Einstein HS |
| 648801/648802 | Arts | AP 3-D Studio Art | | | X | X | | Instructor Approval, ceramics 1 | |

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|---------------|-----------------------------|---|---|----|----|----|----|------------------------------|---|
| | | | | | | | | | |
| 8092/8093 | Business | College/Career Research and Development A/B | | X | X | X | | | |
| 8065/8066 | Business | College/Career Seminar A/B | | | X | X | | College/Career R&Dev | |
| 5441/5442 | Business | Site-Based Work Experience DP A/B | | | | X | X | | concurrent enrollment in C/C seminar |
| 5443/5444 | Business | Site-Based Work Experience TP A/B | | | | X | X | | concurrent enrollment in C/C seminar |
| 5450/5451 | Business | Entrepreneurship & Business A/B | | X | X | X | | | A or B allowed |
| 413501/413502 | Business | Entrepreneurship & Business level 2 | | X | X | X | | Entrep & Business 1 | |
| 8850/8851 | Computer Sci | Software Applications by Design A/B | X | X | X | | | | Elective Credit only |
| 2901/2902 | Computer Sci | Computer Programing 2 A/B | | X | X | X | X | CP1 | Elective Credit/Advanced Tech Credit for Program Completion |
| 2965/2966 | Computer Sci | AP Computer Programing 3 A/B | | | X | X | | CP2 | Elective Credit/Advanced Tech Credit for Program Completion |
| 2991/2992 | Computer Sci | Web Design A/B | | X | X | X | | Software Applications or CP1 | Elective Credit/Advanced Tech Credit for Program Completion |
| 2907/2908 | Computer Sci | Computer Science Intern | | | X | X | | Instructor Approval | |
| 4204/4205 | Culinary Art/tech | Food Trends and Technology | X | X | X | X | | | Elective Credit/Advanced Tech Credit for Program Completion |
| 8858/8859 | Culinary Art/tech | Food Trends and Technology | X | X | X | | | | Elective Credit Only |
| 4847/4848 | Early Childhood Development | Child and Adolescent Development 1 A/B | X | X | X | X | | | Career Pathway Program |
| 539892/539992 | Edison HS | Academy of Hospitality and Tourism (SP) | | X | X | X | | Application Required | Program Completer |
| 540092/540192 | Edison HS | Economics for the Academy of Hospitality (SP) | | X | X | X | | Application Required | Program Completer |
| 540292/540392 | Edison HS | Systems for Academy of Hospitality & Tourism (SP) | | X | X | X | | Application Required | Program Completer |
| 555392/555492 | Edison HS | Auto Body Repair Technology 1 A/B(TP) | | X | X | X | | Application Required | Program Completer |
| 555592/555692 | Edison HS | Auto Body Repair Technology 2 A/B(TP) | | X | X | X | | Application Required | Program Completer |
| 504592/504692 | Edison HS | Automotive Serv. Asstistant Pgm. (TP) | | X | X | X | | Application Required | Program Completer |
| 506192/506292 | Edison HS | Automotive Technology/Dealership Training 1 (TP) | | X | X | X | | Application Required | Program Completer |
| 506792/506892 | Edison HS | Automotive Technology/Dealership Training 2 (TP) | | X | X | X | | Application Required | Program Completer |
| 570392 | Edison HS | Automotive Technology Internship | | | | X | | Application Required | Program Completer |
| 386792/386892 | Edison HS | Biotechnology (DP) | | | X | X | | Application Required | Program Completer |
| 387592/387692 | Edison HS | Biotechnology Internship A/B (SP) | | | | X | | Application Required | Program Completer |
| 363692/363792 | Edison HS | Biotechnology Science (SP) | | | X | X | | Application Required | Program Completer |

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| | | | | | | | | | |
| 556192/556292 | Edison HS | Building and Construction Technologies A/B | | X | X | X | | Application Required | Program Completer |
| 510092/510192 | Edison HS | Carpentry 1(TP) | | X | X | X | | Application Required | Program Completer |
| 563992/564092 | Edison HS | Carpentry 2 (TP) | | X | X | X | | Application Required | Program Completer |
| 558392/558492 | Edison HS | Cosmetology 1 (TP/DP) | | X | X | X | | Application Required | Program Completer |
| 564392/564492 | Edison HS | Cosmetology 2 (DP) | | X | X | X | | Application Required | Program Completer |
| 558792/558892 | Edison HS | Cosmetology 3 (TP/DP) | | X | X | X | | Application Required | Program Completer |
| 510392/510492 | Edison HS | Principles of Architecture (TP) | | X | X | X | | Application Required | Program Completer |
| 510692/510792 | Edison HS | Principles of Architecture 2 (TP) | | | X | X | | Application Required | Program Completer |
| 510992/511092 | Edison HS | Electricity (Construction) 1 (TP) | | X | X | X | | Application Required | Program Completer |
| 559592/559692 | Edison HS | Electricity (construction) 2 (TP) | | X | X | X | | Application Required | Program Completer |
| 511892/511992 | Edison HS | Graphics & Electronic Media 1 (TP) | | X | X | X | | Application Required | Program Completer |
| 512192/512292 | Edison HS | Graphics & Electronic Media 2 (TP) | | X | X | X | | Application Required | Program Completer |
| 512392/512592 | Edison HS | Heating/Air Conditioning 1 (TP) | | X | X | X | | Application Required | Program Completer |
| 512792/512892 | Edison HS | Heating/Air Conditioning 2 (TP) | | X | X | X | | Application Required | Program Completer |
| 281492/281592 | Edison HS | Interior Design (TP) | | | X | X | | Application Required | Program Completer |
| 556792/556892 | Edison HS | Masonry 1 (TP) | | X | X | X | | Application Required | Program Completer |
| 556592/556692 | Edison HS | Masonry 2 (TP) | | X | X | X | | Application Required | Program Completer |
| 583392/583492 | Edison HS | Medical Careers (DP) | | | X | X | | Application Required | Program Completer |
| 399592/399692 | Edison HS | Medical Careers Science (SP) | | | X | X | | Application Required | Program Completer |
| 541592/541792 | Edison HS | Medical Careers Internship (TP) | | | | X | | Application Required | Program Completer |
| 567192/567292 | Edison HS | Nail Technology (TP) | | X | X | X | | Application Required | Program Completer |
| 420292/420392 | Edison HS | Network Operations & Programming (TP) | | | X | X | | Application Required | Program Completer |
| 560792/560892 | Edison HS | Plumbing 1 A/B (TP) | | X | X | | | Application Required | Program Completer |
| 560592/560692 | Edison HS | Plumbing 2 A/B (TP) | | | X | X | | Application Required | Program Completer |
| 483492/483592 | Edison HS | Prof. Restaurant Mgmt 1.(TP) | | X | X | X | | Application Required | Program Completer |
| 483792/483892 | Edison HS | Prof. Restaurant Mgmt. 2 (TP) | | X | X | X | | Application Required | Program Completer |
| 299192/299292 | Edison HS | Web Tech, Web Site Development A/B (SP) | | X | X | X | | Application Required | Program Completer |
| 293692/293792 | Edison HS | Web Tech, Advanced Web Tools A/B (SP) | | X | X | X | | Application Required | Program Completer |
| 280092/280192 | Edison HS | Information Technology Guided Research (SP) | | | X | X | | Application Required | Program Completer |
| | | | | | | | | | |
| 1311/1312 | English | English 9 A/B | X | | | | | | |
| 1313/1314 | English | English 9 - Honors A/B | X | | | | | | GT 8 > 80%, Eng 8 > 80% |
| 1022/1023 | English | Pre IB English 9 A/B | X | | | | | | Magnet |
| 132140/132240 | English | English 10 - ESOL Bridge Class | | X | X | X | | | |
| 1321/1322 | English | English 10 A/B | | X | | | | | |
| 1323/1324 | English | English 10 - Honors A/B | | X | | | | | Eng 9 H > 80%, Eng 9 > 80% |
| 1024/1025 | English | Pre IB English 10 A/B | | X | | | | | Magnet |
| 1331/1332 | English | English 11 A/B | | | X | | | | |
| 1333/1334 | English | English 11 - Honors A/B | | | X | | | | Eng 10 H > 80%, Eng 10 > 80% |
| 1015/1016 | English | AP English 11 A/B (Language & Composition) | | | X | | | | Eng 10 H > 80%, Eng 10 > 80% |
| 1026/1027 | English | IB English 1 A/B | | | X | | | | Magnet |

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| | | | | | | | | | |
| 1341/1342 | English | English 12 A/B | | | | X | | | |
| 101510/101610 | English | AP English 12 A/B (Language & Composition) | | | | X | | | Eng 11 H > 80%, Eng 11 > 80% |
| 1017/1018 | English | AP English 12 A/B (Literature & Composition) | | | | X | | | Eng 11 H > 80%, Eng 11 > 80% |
| 1028/1029 | English | IB English 2 A/B | | | | X | | | Magnet |
| 101901/101902 | English | Ethnic Literature | | X | X | X | | | Semester 1 or 2 |
| 1130/1135 | English | Advanced Composition (Creative Writing) | | X | X | X | | | |
| | | | | | | | | | |
| 114641/114642 | ESOL | ESOL HSA | | | X | X | | | Program Placement Only |
| 1201/1211 | ESOL | ESOL Level 1 A/B | X | X | X | X | | | |
| 1217/1218 | ESOL | ESOL Level 1-1/2 A/B | X | X | X | X | | | |
| 1206/1216 | ESOL | ESOL Academic Language Class, Level 1 | X | X | X | X | | | ESOL 1 only |
| 1202/1212 | ESOL | ESOL Level 2 A/B | X | X | X | X | | | |
| 1219/1220 | ESOL | ESOL Level 2-1/2 A/B | X | X | X | X | | | |
| 1203/1213 | ESOL | ESOL Level 3 A/B | X | X | X | X | | | |
| 1204/1214 | ESOL | ESOL Level 4 A/B | X | X | X | X | | | |
| 1205/1215 | ESOL | ESOL Level 5 A/B | X | X | X | X | | | |
| 211040/211240 | ESOL | ESOL US History A/B(Level 2 and 3) | X | X | X | X | | | |
| 210740/210840 | ESOL | ESOL NSL Government A/B (Levels 3 & 4) | | X | X | X | | | |
| 222140/222240 | ESOL | ESOL Modern World History A/B(Levels 3 & 4) | | X | X | X | | | |
| 374940/375040 | ESOL | ESOL Matter & Energy A/B(Levels 2 & 3) | X | X | X | X | | | |
| 363140/363240 | ESOL | ESOL Biology A/B (Levels 3 & 4) | | X | X | X | | | |
| 122501/122502 | ESOL | ESOL TOEFL | | | X | X | | | Seniors S-1, juniors S-2 |
| 116040/116140 | ESOL | ESOL Read 180 (DP) | X | X | X | X | | | Instructor approval |
| | | | | | | | | | |
| 999901/999902 | Film | Pre IB Performance for Stage and Screen | X | X | | | | | Magnet or Instructor's Approval Arts Credit |
| 7202/7203 | Film | IB Film Studies 1 A/B | | | X | X | | | Open Enrollment Elective |
| 7204/7205 | Film | IB Film Studies 2 A/B | | | | X | | IB Film Studies 1 A/B | Open Enrollment Elective |
| | | | | | | | | | |
| 1871/1872 | Language, World' | Chinese 1 | X | X | X | X | | | |
| 1873/1874 | Language, World' | Chinese 2 | X | X | X | X | | | |
| 1875/1876 | Language, World' | Chinese 3 | X | X | X | X | | | |
| 1925/1926 | Language, World' | Chinese 3 - Honors | X | X | X | X | | | |
| 1649/1650 | Language, World' | Chinese 3 - Pre-IB | X | X | | | | | |
| 1877/1878 | Language, World' | Chinese 4 | X | X | X | X | | | |
| 1927/1928 | Language, World' | Chinese 4 - Honors | X | X | X | X | | | |
| 1651/1652 | Language, World' | Chinese 4 - IB | | X | X | X | | | |
| 1879/1880 | Language, World' | Chinese 5 | | | X | X | X | | |
| 1653/1654 | Language, World' | Chinese 5 - IB | | | X | X | | | |

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| | | | 9 | 10 | 11 | 12 | AL | | |
| 1881/1882 | Language, World' | Chinese 6 | | | | X | X | | |
| 1655/1656 | Language, World' | Chinese 6 - IB | | | | X | | | |
| 1657/1661 | Language, World' | Chinese 7 - IB | | | | X | | | Magnet or Instructor Approval |
| 1929/1930 | Language, World' | AP Chinese LC | | | | X | | | |
| 1611/1621 | Language, World' | French 1 | X | X | X | X | | | |
| 1612/1622 | Language, World' | French 2 | X | X | X | X | | | |
| 1609/1610 | Language, World' | French 2 - Pre IB | X | | | | | | |
| 1613/1623 | Language, World' | French 3 | X | X | X | X | | | |
| 1633/1643 | Language, World' | French 3 - Honors | X | X | X | X | | | |
| 1617/1618 | Language, World' | French 3 - Pre IB | X | X | | | | | |
| 1614/1624 | Language, World' | French 4 | X | X | X | X | | | |
| 1634/1644 | Language, World' | French 4 - Honors | X | X | X | X | | | |
| 1619/1620 | Language, World' | French 4 - IB | | X | X | | | | |
| 1615/1625 | Language, World' | French 5 | | | X | X | X | | |
| 1627/1628 | Language, World' | French 5 - IB | | | X | X | | | |
| 1616/1626 | Language, World' | French 6 | | | X | X | X | | |
| 1629/1630 | Language, World' | French 6 - IB | | | | X | | | |
| 1658/1662 | Language, World' | French 7 - IB | | | | X | | | Magnet or Instructor Approval |
| 1635/1636 | Language, World' | French Language - AP | | | X | X | | | |
| 1811/1821 | Language, World' | Latin 1 | X | X | X | X | | | |
| 1812/1822 | Language, World' | Latin 2 | | X | X | X | | | |
| 1711/1721 | Language, World' | Spanish 1 | X | X | X | X | | | |
| 1712/1722 | Language, World' | Spanish 2 | X | X | X | X | | | |
| 1749/1750 | Language, World' | Spanish 2 - Pre IB | X | | | | | | |
| 1713/1723 | Language, World' | Spanish 3 | X | X | X | X | | | |
| 1733/1743 | Language, World' | Spanish 3 - Honors | X | X | X | X | | | |
| 1717/1718 | Language, World' | Spanish 3 - Pre-IB | X | X | | | | | |
| 1714/1724 | Language, World' | Spanish 4 | X | X | X | X | | | |
| 1734/1744 | Language, World' | Spanish 4 - Honors | X | X | X | X | | | |
| 1751/1752 | Language, World' | Spanish 4- IB | | X | X | X | | | |
| 1715/1725 | Language, World' | Spanish 5 | | | X | X | X | | |
| 1753-1754 | Language, World' | Spanish 5 - IB | | | X | X | | | |
| 1716/1726 | Language, World' | Spanish 6 | | | | X | X | | |
| 1755/1756 | Language, World' | Spanish 6 - IB | | | | X | | | |
| 1660/1664 | Language, World' | Spanish 7 - IB | | | | X | | | Magnet or Instructor Approval |

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| | | | | | | | | | |
| 1759/1760 | Language, World' | Spanish Language- AP | | | X | X | | | |
| 1761/1762 | Language, World' | Spanish Literature - AP | | | | X | | | |
| 1777/1778 | Language, World' | Spanish for Spanish Speakers 1 | X | X | X | | | | |
| 1779/1780 | Language, World' | Spanish for Spanish Speakers 2 | X | X | X | X | | | |
| 175910/176010 | Language, World' | Spanish Language- AP | | X | X | X | | | For Native Speakers |
| 3113/3114 | Mathematics | MAPS | X | X | | | | | Placement by Math Dept Chair |
| 311110/311210 | Mathematics | Algebra 1 | X | | | | | | |
| 311101/311201 | Mathematics | Algebra 1 (Repeat) | | X | X | X | | | Algebra I or passed MAPS |
| 3201/3202 | Mathematics | Geometry | X | X | X | X | | Algebra 1 | |
| 3203/3204 | Mathematics | Geometry - Honors | X | X | | | | | NOT!! Double Period Course |
| 3208/3209 | Mathematics | Pre-IB Geometry | X | | | | | | Magnet only |
| 3053/3054 | Mathematics | Bridge to Algebra 2 | | | X | X | | Alg 1 & Geometry | Geometry < 70% |
| 3301/3302 | Mathematics | Algebra 2 | | X | X | X | | Alg 1 & Geometry | Geometry ≥ 70% |
| 3310/3311 | Mathematics | Algebra 2 - Honors | X | X | X | X | | Alg 1 & Geometry | Geometry Honors ≥ 80% |
| 3322/3323 | Mathematics | Statistics and Mathematical Modeling | | | X | X | | Algebra 2 | |
| 3320/3321 | Mathematics | AP Statistics | | X | X | X | | Hon Alg 2 | Algebra 2 Honors ≥ 80 % |
| 3306/3307 | Mathematics | IB Analysis & Application of Functions | X | X | | | | IB Geometry | Magnet only |
| 3410/3418 | Mathematics | IB Math Studies with Pre Calculus | | X | X | | | IB AAF | Magnet only IB AAF < 85% |
| 3489/3490 | Mathematics | Pre Calculus | | | X | X | | Algebra 2 | Algebra 2 Honors ≥ 70% |
| 3350/3351 | Mathematics | Pre Calculus - Honors | | X | X | X | | Algebra 2 | Algebra 2 Honors ≥ 85% |
| 3420/3424 | Mathematics | IB Pre Calculus | | X | X | | | IB AFF | Magnet only IB AAF ≥ 85% |
| 3356/3357 | Mathematics | Calculus with Applications | | | X | X | X | Pre Calculus | Honors ≥ 70% |
| 3452/3453 | Mathematics | AP Calculus AB | | | X | X | | Honors Pre Calculus | Honors ≥ 75% or IB Pre-Calc ≥ |
| 3491/3492 | Mathematics | AP Calculus BC | | | X | X | | | ≥ 85% |
| 3048/3049 | Mathematics | MV Calculus & Differential Equations | | | X | X | | AP BC Calculus | AP BC Calculus ≥ 80% |
| 3496/3497 | Mathematics | IB Higher Level Math | | | | X | | AP BC Calculus | Magnet or Instructor Approval |
| 4157/4159 | Mathematics | Business Math | | | | X | | | |
| 6711/6712 | Music | Treble Chorale (Chorus 1) | X | X | X | X | | | Women Only |
| 6731/6732 | Music | Concert Choir (Chorus 3) | X | X | X | X | | | Instructor Approval/Audition |
| 6741/6742 | Music | Madrigals (Chamber Singers) | X | X | X | X | | | Instructor Approval/Audition |
| 6547/6548 | Music | AP Music Theory & Composition Adv. Level | | X | X | X | | | Instructor Approval |
| 6567/6568 | Music | IB Advanced Music | | | X | X | | AP Music Theory | Instructor approval Open Enrollment Elective |
| 6565/6566 | Music | Music Perspectives | | X | X | X | | | |

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| | | | | | | | | | |
| 6821/6822 | Music | Concert Band | X | X | X | X | | | |
| 6871/6872 | Music | Jazz Ensemble | X | X | X | X | | | Instructor Approval/Audition |
| 6851/6852 | Music | Concert Orchestra | X | X | X | X | | | |
| 6826/6827 | Music | Wind Ensemble | X | X | X | X | | | Instructor Approval/Audition |
| 6605/6607 | Music | Music and It's technology | | X | X | X | | | |
| 781301/781602 | Other at RM | Rocket Corps (Up to 4 semesters) | | | X | X | | | Application Required |
| 2326 | Other | Executive Internship (1/2 credit - English) | | | X | X | | | Instructor Approval |
| 2323 | Other | Executive Internship (2 credits - Social studies) | | | X | X | | | Instructor Approval |
| 2324 | Other | Executive Internship (2 1/2 credits -Social studies) | | | X | X | | | Instructor Approval |
| 2325 | Other | Executive Internship (3 credits- Social studies) | | | X | X | | | Instructor Approval |
| 7818/7819 | Other | Internship (DP) | | | X | X | | | Instructor Approval |
| 7813/7816 | Other | Internship (SP) | | | X | X | | | Instructor Approval |
| 7822/7823 | Other | Internship (TP) | | | X | X | | | Instructor Approval |
| 791194/791294 | Other | NJROTC 1 | X | X | X | X | | | |
| 791494/791594 | Other | NJROTC 2 | X | X | X | X | | | |
| 791794/791894 | Other | NJROTC 3 | | | X | X | | | |
| 794494/7945947 | Other | A JROTC 1 | X | X | X | X | | | |
| 352192/352292 | Other | Science Internship (DP) | | | X | X | | | |
| 542293/542493 | Other - Fire | Advanced Fire and Rescue Techniques/Ad | | | X | X | | | |
| 545993/399493 | Other - Fire | Emergency Medical Technician/Basic Int | | | | X | | | |
| 545393/545893 | Other - Fire | Emergency Medical Technician/Basic, Sc | | | | X | | | |
| 399393 | Other - Fire | EMT/Science | | | | X | | | |
| 542193/542393 | Other - Fire | Essentials of Fire Fighting/Fire Fight | | | X | | | | |
| 114301/114302 | Other at RM | Developmental Reading | X | X | X | X | | | Instructor Approval |
| 2339/2340 | Other at RM | Student Leadership | X | X | X | X | | | Instructor Approval |
| 115010/115110 | Other at RM | Journalism - Yearbook | | X | X | X | | | |
| 115210/115310 | Other at RM | Advanced Journalism (Yearbook) | | X | X | X | X | | |
| 1150/1151 | Other at RM | Journalism - Newspaper | X | X | X | X | | | |
| 1152/1153 | Other at RM | Advanced Journalism (Newspaper) | | X | X | X | X | | |
| 5502/5503 | Other at RM | Communications Systems Tech - RMBC A/B | | | | X | | | Instructor Approval/Application Tech Ed Credit for class of 2011 |
| 8860/8861 | Other at RM | Communications Systems Tech - RMBC A/B | | X | X | | | | Instructor Approval/Application |
| 4208/4209 | Other at RM | Communications Systems Tech - RMBC A/B | | X | X | X | | | Instructor Approval/Application Elective Credit/Advanced Tech Credit for Program Completion |
| 783501/783502 | Physical Ed | Comprehensive Health Education | | X | X | X | | | Semester one or two |
| 784101/784102 | Physical Ed | Comprehensive Health Education Honors | | X | X | X | | | Semester one or two |
| 7720/7721 | Physical Ed | General Physical Education | X | | | | | | |

| NUMBER | SUBJECT | COURSE | 9 | 10 | 11 | 12 | AL | PREREQUISITES | NOTES and RECOMMENDATIONS |
|---------------|-------------|--|---|----|----|----|----|---|---|
| | | | | | | | | | |
| 772310/772320 | Physical Ed | Specialty Soccer | X | X | X | X | | | |
| 772311/772321 | Physical Ed | Specialty Soccer, Advanced | X | X | X | X | | Specialty Soccer | |
| 772312/772322 | Physical Ed | Specialty Weight Training | X | X | X | X | | | Coed |
| 772313/772323 | Physical Ed | Specialty Weight Training, Advanced | X | X | X | X | | Specialty W Training | |
| 772314/772324 | Physical Ed | Specialty Weight Training/Body Sculpting | X | X | X | X | | | Females only |
| 772316/772326 | Physical Ed | Specialty Basketball | X | X | X | X | | | |
| 772318/772328 | Physical Ed | Specialty Flag Football | X | X | X | X | | | |
| 772319/772329 | Physical Ed | Specialty Volleyball | X | X | X | X | | | |
| 772212/772222 | Physical Ed | Specialty Badminton, Tennis | X | X | X | X | | | |
| 3749/3750 | Science | Matter and Energy | X | | | | | | Concurrent enrollment in Algebra 1, MAPS, or Geometry |
| 3764/3765 | Science | Matter and Energy - Honors | X | | | | | | Concurrent enrollment in Algebra 1, MAPS or Geometry |
| 3631/3632 | Science | Biology 1 | | | X | X | | | |
| 3621/3622 | Science | Biology 1 - Honors | X | | X | X | | Algebra 1 | |
| 3651/3652 | Science | Biology AP (DP) | | | X | X | | Biology 1 | |
| 3623/3624 | Science | IB Biology 1 | | | X | | | | Year one of an HL course |
| 3625/3626 | Science | IB Biology 2 | | | | X | | IB Biology 1 | Year two of an HL course |
| 3634/3635 | Science | Biology Pre-IB | X | | | | | | |
| 3721 /3722 | Science | Chemistry | | X | X | X | | | Concurrent enrollment in Geometry |
| 3711/3712 | Science | Chemistry - Honors | | X | X | X | | | Concurrent enrollment in Geometry |
| 3751/3752 | Science | Chemistry AP (DP) | | | X | X | | Chemistry 1 & Algebra 2 | |
| 3744/3745 | Science | Chemistry Pre-IB | | X | | | | | |
| 3746/3747 | Science | IB Chemistry SL | | | X | X | | Pre-IB Chemistry | |
| 3831/3832 | Science | Physics | | | X | X | | | Concurrent enrollment in Algebra 2 or pre-calculus |
| 3821/3822 | Science | Physics - Honors | | | X | X | | | Concurrent enrollment in Precal H |
| 3844/3845 | Science | IB Physics 1 | | | X | | | | Year one of an HL course |
| 3846/3847 | Science | IB Physics 2 | | | | X | | IB Physics 1 | Year two of an HL course |
| 3839/3840 | Science | Physics AP (SP) | | | X | X | | Physics or concurrent calculus | concurrent calculus |
| 3811/3812 | Science | Earth and Space Systems | | X | X | X | | | |
| 3815/3816 | Science | Earth and Space Systems- Honors | | X | X | X | | | |
| 366101/ | Science | Environmental Science | | X | X | X | | | Semester 1 only |
| 3659/3660 | Science | AP Environmental Science | | | X | X | | Biology: completion of or concurrent Chem 1 | |
| 3757/3758 | Science | IB Enviromental Systems and Societies | | | X | X | | PreIB Bio and Chem | |

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|---------------|----------------|---|---|----|----|----|----|---------------|---|
| | | | | | | | | | |
| 3761/3762 | Science | Anatomy & Physiology | | X | X | X | X | | |
| /367202 | Science | Horticultural Science | | | X | X | | | Semester 2 only |
| 365501/365502 | Science | Wildlife Biology | | X | X | X | | Biology 1 | Semester 1 or 2 only |
| 3562/3563 | Science | Nutrition Science - Honors A/B | | X | X | X | | Biology 1 | Completion of Chemistry 1 suggested |
| 2110/2112 | Social Studies | U.S. History | X | | | | | | |
| 2111/2113 | Social Studies | U.S. History - Honors | X | | | | | | |
| 2107/2108 | Social Studies | National, State & Local Government | | X | | | | | |
| 2127/2128 | Social Studies | National, State & Local Government-Hon | | X | | | | | |
| 2221/2222 | Social Studies | Modern World History | | | X | X | | | |
| 2223/2224 | Social Studies | Modern World History-Honors | | | X | X | | | |
| 2133/2134 | Social Studies | Pre-IB Government | X | | | | | | Magnet only/MYP with Program Approval |
| 2230/2231 | Social Studies | IB History 1 | | | X | | | | |
| 2403/2404 | Social Studies | IB History 2 | | | | X | | | |
| 2232/2233 | Social Studies | IB Psychology | | | X | X | | | |
| 2234/2235 | Social Studies | IB Economics | | | X | X | | | |
| 200801/ | Social Studies | IB TOK 2 | | | | X | | | First semester only |
| 2011/2012 | Social Studies | IB TOK 1 With Extended Essay | | | X | | | | |
| 231201/231202 | Social Studies | Law (one semester only) | | X | X | X | | | First or second semester |
| 221001 | Social Studies | Ancient Medieval (one semester only) | | | X | X | | | First semester only |
| 2304/2313 | Social Studies | Psychology 1 & 2 | | | X | X | | | |
| 2347/2348 | Social Studies | Global Issues in the 21st Century A/B | | | X | X | | | Can take A or B or both |
| /221802 | Social Studies | East Asian History | | | X | X | | | Second semester only |
| 2216/2217 | Social Studies | AP European History | | | X | X | | | |
| 2114/2124 | Social Studies | AP U.S. History | | X | X | X | | | US History credit awarded |
| 2240/2241 | Social Studies | AP World History | | | X | X | | | Modern World History credit awarded |
| 2315/2316 | Social Studies | AP Economics | | | X | X | | | |
| 2330/2331 | Social Studies | AP Psychology | | | X | X | | | |
| 2104/2105 | Social Studies | AP Gov't, US and Politics with NSL | | X | X | X | | | NSL Gov't credit awarded |
| /231102 | Social Studies | Philosophy (one semester only) | | | | X | | | Second semester only |
| /232002 | Social Studies | Comparative Religions (one semester only) | | | X | X | | | Second semester only |
| 2237/2238 | Social Studies | IB World Philosophy and Religion | | | X | X | | | Open Enrollment Elective |
| 2242/2243 | Social Studies | IB Anthropology | | | X | X | | | Open Enrollment Elective |
| 5161/5162 | Technology | Foundations of Technology A/B | X | X | X | X | | | Tech Ed credit for all students |
| 5150/5151 | Technology | Principles of Engineering A/B - Honors | X | X | X | X | | Algebra II | Tech Ed credit for all students. Concurrent Algebra II permitted |

| NUMBER | SUBJECT | COURSE | 9 | 10 | 11 | 12 | AL | PREREQUISITES | NOTES and RECOMMENDATIONS |
|-----------|--------------|------------------------------------|---|----|----|----|----|------------------|---|
| | | | | | | | | | |
| 2808/2809 | Technology | Advanced Design Applications A/B | | | X | X | | | Elective Credit/Advanced Tech Credit for Program Completion |
| 5152/5153 | Technology | Introduction to Engineering Design | X | X | X | X | | Geometry | Tech Ed credit for all students. Concurrent Geometry permitted. |
| 6926/6927 | Theater Arts | Theater 1 A/B | X | X | X | X | | | Arts Credit |
| 6928/6929 | Theater Arts | Theater 2 A/B | | X | X | X | | | Arts Credit |
| 8071/8072 | Theater Arts | IB Theater 1 A/B | | | X | X | | | Arts Credit and Open Enrollment Elective for all students |
| 8073/8074 | Theater Arts | IB Theater 2 A/B | | | | X | | IB Theater 1 A/B | Arts Credit and Open Enrollment Elective for all students |
| 1 | Theater Arts | IB Production and Performance | | | X | X | | | |

MYP COURSE OFFERINGS

| | | | | | | | | | |
|-----------|--------------|---------------------------------|---|---|--|--|---|-------------|----------------------|
| 8602/8603 | Arts | MYP Photography 1 A/B | X | X | | | X | | |
| 8604/8605 | Arts | MYP Photography 2 A/B | | X | | | X | MYP Photo 1 | |
| 8610/8611 | Arts | MYP Art and Culture A/B | | X | | | X | | |
| 8600/8601 | Arts | MYP Foundations of American Art | X | | | | | | |
| 8450/8451 | Computer Sci | MYP Software Appl by Design A/B | X | X | | | | | Elective Credit only |
| 8452/8453 | Computer Sci | MYP Computer Programing 1A/B | X | X | | | X | | Elective Credit only |

| | | | | | | | | | |
|-----------|---------|--------------------|---|---|--|--|--|--|--|
| 8110/8111 | English | MYP English 9 A/B | X | | | | | | |
| 8112/8113 | English | MYP English 10 A/B | | X | | | | | |

| | | | | | | | | | |
|-----------|-----------------|---------------------|---|---|--|--|---|--|--|
| 8202/8203 | Language, World | MYP Chinese 2A /B | X | X | | | X | | |
| 8204/8205 | Language, World | MYP Chinese 3A /B | X | X | | | X | | |
| 8206/8207 | Language, World | MYP Chinese 4A /B | X | X | | | X | | |
| 8212/8213 | Language, World | MYP French 2A /B | X | X | | | X | | |
| 8214/8215 | Language, World | MYP French 3A /B | X | X | | | X | | |
| 8216/8217 | Language, World | MYP French 4A/B | X | X | | | X | | |
| 8222/8223 | Language, World | MYP Spanish 2 A/B | X | X | | | X | | |
| 8224/8225 | Language, World | MYP Spanish 3A/B | X | X | | | X | | |
| 8226/8227 | Language, World | MYP Spanish 4 A/ B | X | X | | | X | | |
| 8232/8233 | Language, World | MYP Spn-Spn Sp 3A/B | | X | | | X | | |

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|---------------|----------------|--|---|----|----|----|----|------------------------|---|
| 8302/8303 | Mathematics | MYP Geometry A/B | X | X | | | | Alg 1 and MYP geometry | Algebra 1 \geq 80% |
| 8306/8307 | Mathematics | MYP Alg2 A/B with analysis | X | X | | | | | MYP Geometry \geq 80% |
| 830610/830710 | Mathematics | MYP Alg2 Honors | X | X | | | | | |
| 830620/830720 | Mathematics | MYP Alg2 | X | X | | | | | |
| 8710/8711 | Music | MYP Treble Chorale A/B | X | X | | | | | |
| 8712/8713 | Music | MYP Concert Choir A/B | X | X | | | | | Instructor Approval/Audition |
| 8714/8715 | Music | MYP Madrigals A/B | X | X | | | | | Instructor Approval/Audition |
| 8756/8757 | Music | MYP Jazz Ensemble A /B | X | X | | | | | Instructor Approval/Audition |
| 8754/8755 | Music | MYP Concert Orchestra A/B | X | X | | | | | |
| 8752/8753 | Music | MYP Wind Ensemble A/B | X | X | | | | | Instructor Approval/Audition |
| 8750/8751 | Music | MYP Concert Band A/B | X | X | | | | | |
| 8800/8801 | Physical Ed | MYP General PE | X | X | | | | | |
| 881001/881002 | Physical Ed | MYP Health | | X | | | | | |
| 8400/8401 | Science | MYP Biology | X | | | | | Algebra 1 | |
| 8402/8403 | Science | MYP Chemistry | | X | | | | | |
| 8350/8351 | Social Studies | MYP Government A/B | X | | | | | | |
| 213330/213430 | Social Studies | MYP Pre-IB Government A/B | X | | | | | | Requires approval |
| 8352/8353 | Social Studies | MYP US History A/B | | X | | | | | |
| 516130/516230 | Technology | MYP Foundation of Technology A/B | X | X | | | | | Tech Ed credit for all students Not an Honors level course |
| 515030/515130 | Technology | MYP Principles of Engineering A/B - Honors | X | X | | | | Algebra II | Tech Ed credit for all students. Concurrent Algebra II permitted. |
| 515230/515330 | Technology | MYP Introduction to Engineering Design | X | X | | | | | Tech Ed credit for all students. |
| 8790/8791 | Theater Arts | MYP Theatre 1 and 2 | X | X | | | | | Arts Credit |