



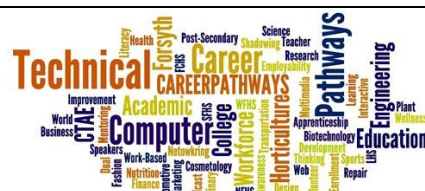
# Marriotts Ridge High School

## CTE Department

2017-2018

### Course Selection Details

\*course requires prerequisite  
+ satisfies HCPSS Tech Ed credit



| Career Research Dev, Intern Mentor Courses            | Course Number           | Page # | College Credit | Grade  |
|-------------------------------------------------------|-------------------------|--------|----------------|--------|
| Independent Research – G/T *                          | GT – 400, 410, 420      | 60     |                | 09-12  |
| Intern Mentor – G/T *                                 | GT – 430, 440, 450, 460 | 60     |                | 11-12  |
| Career Research and Development I                     | CT – 510                | 67     |                | 10-12  |
| Career Research and Development II *                  | CT – 520                | 67     | ✓              | 12     |
| Site-Based Work Experience *                          | CT – 530                | 54/67  |                | 12     |
| <b>Teacher Academy Courses</b>                        |                         |        |                |        |
| Teaching as a Profession – G/T *                      | CT - 925                | 54/68  | ✓              | 11-12  |
| Foundations of Curriculum and Instruction             | CT - 924                | 54/68  | ✓              | 10-12  |
| Human Growth and Development – Honors                 | CT - 920                | 54/68  | ✓              | 10-12  |
| Field Experience in Education – G/T                   | CT – 927                | 54/67  |                |        |
| All Teacher Academy courses for academy credit        |                         |        |                |        |
| <b>Family and Consumer Sciences Courses</b>           |                         |        |                |        |
| Food and Nutrition Technology                         | CT – 910 -1             | 70     |                | 09-12  |
| Culinary Science *                                    | CT – 912 -1             | 70     |                | 10-12  |
| Advanced Culinary Science and Restaurant Operations * | CT – 914 -1             | 70     | ✓              | 11-12  |
| <b>Business Courses</b>                               |                         |        |                |        |
| Principles of Business and Management                 | CT – 410-1              | 65     | ✓              | 10-12  |
| Principles of Accounting and Finance – Honors         | CT – 420-1              | 65     |                | 10-12  |
| Principles of Marketing - Honors                      | CT – 450-1              | 66     |                | 11-12  |
| Advanced Accounting and Finance – Honors *            | CT – 430-1              | 64     | ✓              | 11-12  |
| <b>Computer Science Courses</b>                       |                         |        |                |        |
| Computer Science Principles – AP +                    | CT – 405-1              | 66     | ✓              | 09-12  |
| Exploring Computer Science – Honors +                 | CT – 400-1              | 65     |                | 09-12  |
| Principles of Java Programming – G/T                  | CT – 465-1              | 66     |                | 09-12  |
| Computer Science A – AP *                             | CT – 475-1              | 65     | ✓              | 10-12  |
| Advanced Data Structures – G/T *                      | CT – 485-1              | 64     |                | 11, 12 |
| Advanced Objected-Oriented Design – G/T *             | CT – 495-1              | 64     |                | 11,12  |
| <b>Technology Education Courses</b>                   |                         |        |                |        |
| Foundations of Technology +                           | CT – 800-1              | 68     |                | 09-10  |
| Advanced Design Applications *                        | CT – 880-1              | 68     |                | 10-12  |
| Advanced Technological Applications *                 | CT – 890-1              | 68     |                | 10-12  |
| <b>Project Lead the Way (PLTW) Courses</b>            |                         |        |                |        |
| PLTW Engineering Design and Development – G/T *       | CT – 845-1              | 69     |                | 12     |
| PLTW Computer Integrated Manufacturing – G/T *        | CT – 835-1              | 69     | ✓              | 10-12  |
| PLTW Introduction to Engineering Design – G/T +*      | CT – 805-1              | 69     | ✓              | 09-11  |
| PLTW Principles of Engineering – G/T *                | CT – 815-1              | 69     | ✓              | 10-12  |
| PLTW Digital Electronics – G/T *                      | CT – 825-1              | 69     | ✓              | 10-12  |



**Incoming 9<sup>th</sup> Grade Students  
Marriotts Ridge High School  
CTE Department  
2017-2018  
Course Selection Guidelines**

**+ Satisfies HCPSS Tech Ed credit**

**Questions: Email – CTE ITL – [lorene\\_cannella@hcpss.org](mailto:lorene_cannella@hcpss.org)**

| <b>Computer Science Courses</b>                   | <b>Course Number</b>       | <b>College Credit</b> | <b>Grade</b> |
|---------------------------------------------------|----------------------------|-----------------------|--------------|
| Computer Science Principles – AP +                | CT – 405 - 1               | ✓                     | 9-12         |
| Principles of Java Programming – G/T              | CT – 465 - 1               |                       | 9-12         |
| Exploring Computer Science – Honors +             | CT - 400 - 1               |                       | 9-12         |
|                                                   |                            |                       |              |
| <b>Project Lead the Way (PLTW) Courses</b>        | <b>Course Number</b>       | <b>College Credit</b> | <b>Grade</b> |
| PLTW Introduction to Engineering Design – G/T +   | CT - 805 - 1               | ✓                     | 9-11         |
|                                                   |                            |                       |              |
| <b>Career Research Dev, Intern Mentor Courses</b> | <b>Course Number</b>       | <b>College Credit</b> | <b>Grade</b> |
| Independent Research – G/T                        | GT -400- 1, 410- 1, 420- 1 |                       | 9-12         |
|                                                   |                            |                       |              |
| <b>Teacher Academy Courses</b>                    | <b>Course Number</b>       | <b>College Credit</b> | <b>Grade</b> |
| Teaching as a Profession – G/T                    | CT - 925 - 1               | ✓                     | 9-12         |
| Human Growth and Development – Honors             | CT - 920 - 1               | ✓                     | 9-12         |
| All Teacher Academy courses for academy credit    |                            |                       |              |
|                                                   |                            |                       |              |
| <b>Foods Courses</b>                              | <b>Course Number</b>       | <b>College Credit</b> | <b>Grade</b> |
| Food and Nutrition Technology                     | CT - 910 - 1               |                       | 09-12        |
|                                                   |                            |                       |              |
| <b>Business Courses</b>                           | <b>Course Number</b>       | <b>College Credit</b> | <b>Grade</b> |
| Principles of Business and Management             | CT – 410 - 1               | ✓                     | 9-12         |
|                                                   |                            |                       |              |
| <b>Technology Education Courses</b>               | <b>Course Number</b>       | <b>College Credit</b> | <b>Grade</b> |
| Foundations of Technology +                       | CT – 800 - 1               |                       | 9-10         |

## **Questions**

Computer Science - Ms. Cannella Room 354 or Mr. Krikorean Rm 121 or 125

Business & Teacher Academy - Ms. Burke Room 352

Career Research & Development - Ms. Moulds Room 350

Business - Ms. Miller Room 354, 352, or 350

Project Lead the Way - Mr Krikorean, Mr. Muscato, Mr. Rosenburg Room 121, 125, or 127

Culinary - Ms. Dawe Room 111

Independent Research / Intern Mentor - Mr. Eckert Room 338