



# Ashley Ridge High School

## 8<sup>th</sup> Grade IGP Cheat Sheet

The information below is designed to drive conversation with parents during students' IGP meetings. These are best practice recommendations, not requirements. Each child is different and should select courses based on post-secondary goals, demonstrated ability and work ethic, and their interests and passions.

### Questions to consider when choosing classes during the IGP:

- What kind of goals do you have after high school (college - what level, career, trade school, military)?
- What career areas are you interested in?
- Are you interested in advanced study opportunities - AP, Dual Enrollment, etc?
- Are there any core academic areas that you are worried about as you transition to high school?

**Students in their Freshmen year will take English, Math, Science, Social Studies, and High School 101 along with three electives or intervention courses. Refer to the information below for guidance for parents/ students:**

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| <p><b>English 1 (302400CW) / Freshmen Seminar (309901CW)</b></p> <p>Recommended for students who pass ELA 8 with a 75 or lower and show some need for remediation in RI, SCReady, or other assessment data.</p> <p><b>READ180</b> – Recs come from teacher and high school admin does placement.</p> <p><b>Course Names for 9<sup>th</sup> Grade Students:</b></p> <p>S1 = English Foundations 9R (309919CW)</p> <p>S2 = Freshman Seminar R (309909CW)</p> | <p><b>English I Honors</b> – Recommended for students who pass ELA 8 with a grade of A or higher or GATE ELA 8 with a grade of a B or higher and/or who show superior writing and language skills.</p> <p><b>English I CP</b> – Recommended for students who pass 8<sup>th</sup> grade English.</p> | <p><b>English II CP</b> – Recommended for students who earn an English I credit in 8<sup>th</sup> grade.</p> <p><b>English II Honors</b> – Completion of English I with a grade of a B or higher.</p>                                                                                                                         |
| <p><b>Math Essentials I (319902CW) / Algebra 1 CP (411400CW)</b></p> <p>Recommended for students who pass Math 8 with a 75 or lower, “Does Not Meet Exp.” on SCReady, and/or equivalent MI score may reveal the need for this combination intervention.</p> <p><b>Mathematics Assistance (410100CW) / Transition to Algebra (41A000CW)</b></p> <p>Recs come from teacher and high school admin does placement.</p>                                         | <p><b>Algebra I CP</b> – Recommended for students who pass Math 8 with a 75 or higher.</p> <p><b>Algebra I Honors</b> – Recommended for students who pass Math 8 with a B or higher, demonstrate superior math skills, and are fast learners.</p>                                                   | <p><b>Geometry CP</b> – Recommended for students who earn an Alg 1 credit in 8<sup>th</sup> grade.</p> <p><b>Geometry Honors</b> – Recommended for students who pass Alg I in 8<sup>th</sup> grade with a B or higher.</p> <p><b>Alg 2 H/CP</b> – For those students who will have earned both Alg and Geo credits in MS.</p> |
| <p><b>Earth Science CP</b> – Recommended for all students who have passed 8<sup>th</sup> grade science.</p>                                                                                                                                                                                                                                                                                                                                                | <p><b>Earth Science Honors</b> – Recommended for students who demonstrated strong interest and superior skills in 8<sup>th</sup> grade science and who earned a B or higher.</p>                                                                                                                    | <p><b>Biology Honors</b> – Recommended for students who have completed Algebra 1 during middle school, who demonstrate strong interest in science, and have a desire to complete coursework at the AP level during their HS career.</p>                                                                                       |

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| <b>Human Geography CP -</b><br>Recommended for all students who pass 8 <sup>th</sup> grade Social Studies. | <b>Human Geography Honors -</b><br>Recommended for students who demonstrated strong interest and superior skills in 8 <sup>th</sup> grade SS and who earned a B or higher. | <b>AP Human Geography –</b> Recommended for students who have successfully completed English 1 in 8 <sup>th</sup> grade, who have superior writing skills, advanced knowledge of history, sociology, and geography, and have the desire to complete a rigorous course of AP studies during their HS career. |
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## World Languages – Spanish, German, and French

It is HIGHLY recommended that students have successfully completed English 1 PRIOR to starting a world language path. Students who choose to start this path in freshman year, should have plans to continue through the AP level in that language.

**General Electives** - Electives should be chosen based on student interest and college/career goals, while also considering the wide diversity of electives available in Dorchester School District Two. In addition, students should attempt to complete their PE I/ROTC/Marching Band with PE credit along with their Computer Science course during their Freshman year for graduation requirements.

| <b>Photography 1</b>                                                                                                                                 | <b>Art 1</b>                                                                                                                                       |                       | <b>Media Arts 1</b>                                                                                                                                                                                         | <b>3D Design 1</b><br><i>*Sculpting/ceramics</i> |                        |
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| <b>Aerospace (ROTC)</b><br>– Please ensure students understand weekly uniform requirements and grooming standards including haircuts and hair color. | <b>PE 1</b> – If taken virtually over the summer, students who requested PE may not get an elective of their choice due to scheduling constraints. |                       | <b>Band and Marching Band with PE (9th Grade Only)</b><br>*Students are STRONGLY encouraged to enroll in TWO band classes. Students must participate in after school practices/rehearsals and performances. | <b>Band Flags</b>                                |                        |
| <b>Dance</b>                                                                                                                                         | <b>Theater</b>                                                                                                                                     | <b>Theatre Design</b> | <b>Orchestra</b>                                                                                                                                                                                            | <b>Chorus</b>                                    | <b>Musical Theatre</b> |
| <b>Journalism 1</b>                                                                                                                                  | <b>Creative Writing</b>                                                                                                                            |                       |                                                                                                                                                                                                             |                                                  |                        |

### **Performing Arts classes are grouped based on ability levels, not the level of course.**

- Teachers provide the lead scheduler (admin) with level groupings and students are section typed accordingly.
- If you have a student who is requesting a performing arts class, please email Mrs. Hensley so she can appropriately place the student.
- If a student/parent has a question regarding the Band/Marching Band requirement, please have them contact Mrs. Guerry (hguerry@dorchester2.k12.sc.us)

## CTE Elective Courses

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| <p><b>Agricultural Science and Technology--</b><br/>Teaches essential concepts and understanding related to plant and animal life including biotechnology, the conservation of natural resources, and the impact of agriculture and natural resource utilization on the environment. Emphasis is placed on the role of agriculture in our society and the importance of agriculture to the welfare of the world. Basic personal and community leadership and safety and agricultural mechanical technology are included as a part of the instructional program. Each student is required to design and participate in a supervised agricultural experience (SAE).</p>                                                                                                                   | <p><b>Introduction to Culinary Arts</b> – This course provides students with an overview of interest, aptitude, and technical skills needed to advance to Level One Culinary Arts and/or the food service industry. The following areas are explored: culinary basics, culinary mathematics, dining room operations, food production techniques, menus, nutrition, professionalism, recipes, safety and sanitation, and sustainability.</p>                                                                                                        |
| <p><b>AP Computer Science Principles</b> – <i>(AP weighted grading scale)</i> Students MUST have already successfully completed Algebra 1 prior to enrolling. This course introduces students to the central ideas of computer science, inviting student to develop the computational thinking vital for success across multiple disciplines. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. Students will take the College Board AP CSP Exam at the end of this course.<br/><i>*This course replaces Fundamentals of Computing. It is advised that students have a strong background in computing with knowledge in binary numbers and coding.</i></p> | <p><b>Marketing--</b> Students will create a marketing plan as part of the course. The ideal student should possess the following qualities/interests:</p> <ul style="list-style-type: none"> <li>• Interest in learning Marketing fundamentals</li> <li>• Students learn marketing functions of price planning and strategies</li> <li>• Product promotion, selling, and distribution</li> <li>• Should be creative and willing to problem-solve and research</li> <li>• Ability to communicate and develop critical thinking skills</li> </ul>   |
| <p><b>Business Entrepreneurship--</b> The ideal student should possess the following qualities/interests:</p> <ul style="list-style-type: none"> <li>• Motivated students that are outgoing and energetic</li> <li>• Strong math skills, creative minds, artistic</li> <li>• Student who see themselves as their own boss and possess leadership qualities</li> <li>• Passion for others and socially aware</li> </ul>                                                                                                                                                                                                                                                                                                                                                                  | <p><b>Personal Finance</b> - Personal Finance course introduces students to the fundamentals of personal finance, which include budgeting, credit and lending processes, maintaining accounts, evaluating investments, managing financial risk, computing taxes, and analyzing the basic elements of finance. Students will be exposed to the tools and knowledge to make sound financial decisions for life.</p>                                                                                                                                  |
| <p><b>Fundamentals of Computing--</b> The ideal student should possess the following qualities/interests:</p> <ul style="list-style-type: none"> <li>• Enjoys solving problems</li> <li>• A willingness to learn different things and different ways to accomplish tasks</li> <li>• Ability to work with others</li> <li>• Likes working with computers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      | <p><b>Medical Terminology--</b><br/>Designed to develop a working knowledge of the language of health professions. Students acquire word-building skills by learning prefixes, suffixes, roots, combining forms, and abbreviations. Utilizing a body systems approach, students will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology. Students will use problem-solving techniques to assist in developing an understanding of course concepts.</p> |

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| <p><b>Fundamentals of Web Page Design</b>-- The ideal student should possess the following qualities/interests:</p> <ul style="list-style-type: none"> <li>• Students should have basic computer knowledge and strong keyboarding skills</li> <li>• Interest in learning HTML5 and CSS</li> <li>• Ability to type accurately with attention to detail</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p><b>PLTW Engineering Essentials – Honors weighted</b><br/>Students will investigate different aspects of engineering, including Civil Engineering, Architecture, Digital Electronics and Aerospace, and will network with professionals.</p> <p><b>Course Progression:</b><br/>PLTW Engineering Essentials<br/>PLTW Principles of Engineering (<i>computer science credit</i>)<br/>PLTW Civil Engineering, Digital Electronics, and/or Aerospace Engineering</p> |
| <p><b>Principles of Biomedical Science</b>-- Project Lead the Way (PLTW) elective (<i>honors weight with the possibility of an AP weight with successful completion of the EOC</i>)<br/>This course helps prepare students for a career in medicine/health care by thinking creatively and critically to innovate in science and gain practical experience. Students work through real-world situations, cases, and problems, such as solving a medical mystery case, diagnosing and treating a patient, and responding to a medical outbreak through hands on labs, projects, and activities. Students that are successful in this course have a love of science and are in Honors English or GATE Science in MS. This course paired with Honors Biology fully prepares students for the Biology EOC.</p> <p><b>Course Progression:</b><br/>PLTW Principles of Biomedical Science<br/>PLTW Human Body Systems<br/>PLTW Medical Interventions<br/>PLTW Biomedical Innovations</p> | <p><b>Sports Medicine 1--</b><br/>This course is designed to introduce students to various topics within the field of Sports Medicine. Students learn and apply components of exercise science, kinesiology, anatomy, and will complete the American Heart Association Heartsaver first aid and cardiopulmonary resuscitation (CPR) course.</p>                                                                                                                    |

**SPECIAL EDUCATION COURSE CODES:**

| Resource               | Employability Credential                        | ID MILD/ID MODERATE/SEVERE/AUTISM |
|------------------------|-------------------------------------------------|-----------------------------------|
| 399911CW Ref & Study 1 | 390003CW Essentials of English I                | 39007100 Daily Living 9           |
| 399912CW Ref & Study 2 | 390803CW Employability Education I              | 39000100 Functional Read 9        |
|                        | 379911CW Practical Assessment Exploration Sys 1 | 39008100 Functional Voc 9         |
|                        | 390203CW Essentials of Science I                | 39001100 Functional Math 9        |
|                        | 390303CW Essentials of Social Studies I         | 39010000 Independent Living       |
|                        | 390103CW Essentials of Math I                   | 39017500 Recrea/Leis Skills       |
|                        | 379990CW High School 101                        |                                   |
|                        | <b>PE or ROTC</b>                               |                                   |