**Providence High School CTE Clusters 2015 – 2016**

Charlotte-Mecklenburg Schools encourages students to work toward being a CTE Concentrator in a CTE field of study. Although not required, students who are CTE Concentrators can receive a WorkKeys certification accepted by some employers as a sign of competence in a specific field. For a student to be a CTE Concentrator they must take **FOUR** courses within a Cluster. **THREE** courses must come from the Foundational Course offerings with **ONE** being a second-level course (denoted by a C). The **FOURTH** course may come from the Foundational or Enhancement Course Offerings.

 (\*) = prerequisite

Agriculture Cluster

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| Foundational Courses | Enhancement Courses |
| Horticulture I AP41  Horticulture II Honors AP42\*C  Horticulture II – Landscaping AP44\*C  CTE Advanced Studies | Marketing MM51  Entrepreneurship I ME11\*  Principles of Business & Finance BF10 |

Architecture and Construction Cluster

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| Foundational Courses | Enhancement Courses |
| Drafting I IC61  Drafting II IC62\*C  Principles of Business & Finance BF10 | Marketing MM51  Multimedia & Web Design BD10  Entrepreneurship ME11\* |

Business Management and Administration Cluster

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| Foundational Courses | Enhancement Courses |
| Principles of Business and Finance BF10  Accounting I BA10  Entrepreneurship I ME11\*C | Marketing MM51  Multimedia and Web Design BD10 |

Health Sciences Cluster

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| Foundational Courses | Enhancement Courses |
| PLTW Principles of Biomedical Sci. HP70  PLTW Human Body Systems HP71\*C  PLTW Medical Interventions HP72\* | Entrepreneurship I ME11  Marketing MM51  Principles of Business and Finance BF10 |

Hospitality and Tourism Cluster

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| Foundational Courses | Enhancement Courses |
| Marketing MM51  Principles of Business and Finance BF10  Entrepreneurship I ME11  Sports and Entertainment Marketing I MH31  Sports and Entertain. Marketing II MH32\*C | Multimedia and Web Design BD10 |

Information Technology Cluster

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| Foundational Courses | Enhancement Courses |
| Principles of Business and Finance BF10  Computer Science Principles AP BP40  Computer Programming I BP10  Computer Programming II BP12\*C  Computer Science AP\*C  e-Commerce I BD12\*C  Multimedia and Web Design BD10C  Network Engineering Technology I II11 | Entrepreneurship I ME11 |

Marketing Cluster

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| Foundational Courses | Enhancement Courses |
| Principles of Business and Finance BF10  Marketing MM51  Entrepreneurship I ME11\*C | Multimedia and Web Design BD10 |

Science, Technology, Engineering, and Mathematics Cluster

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| Foundational Courses | Enhancement Courses |
| Drafting I IC61  PLTW Introduction to Engineering TP11  PLTW Principles of Engineering TP12  PLTW Digital Electronics TP21\*C  PLTW Civil Eng. and Architecture TP23\*C | Entrepreneurship I ME11  Horticulture I AP41  Multimedia and Web Design BD10  Principles of Business and Finance BF10 |

Transportation, Distribution, and Logistics Cluster

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| Foundational Courses | Enhancement Courses |
| Intro. to Automotive Services IT11  Automotive Service I IT16\*  Automotive Service II IT17\*C  Automotive Service III IT18\*  Entrepreneurship I ME11  Marketing MM51 | Principles of Business and Finance BF10 |