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| **Erie High School** | | **Computer Programming Curriculum Map**  **CIP Code #11.0201** | | **Industry Standards** |
| **Level I** | **1st Quarter**  Safety/Wellness  Ethical/Legal Internet/Etiquette  Microsoft Office/Publishing  Computer Graphics and Integration  Intro to App Creation | **2nd Quarter**  Computer Graphics and Integration  CSD (Code.Org)  Gaming  Basic Computer Programming  Intro to C# Beginners  Intro to Access Database | **3rd Quarter**  Intro to Access Database  DBA  Intro to C#  Intro to Design Software Projects  Communication 101  Intro to Debugging | **4th Quarter**  Various Computer Applications  PPT, Excel, Charts, Graphs  Industry Safety Certifications  Design Technology  Intro to Micro Processing |
| **Level II** | **1st Quarter**  Safety/Wellness  Ethical/Legal internet/Etiquette  Microsoft Office/Publishing  Computer Graphics and Integration  Intro to CSD (Code.Org)  Intro to App Creation | **2nd Quarter**  Computer Graphics and Integration  CSD (Code.Org)  Gaming  Basic Computer Programming  Review to Intermediate C#  C# Gaming Intermediate | **3rd Quarter**  Access Database  DBA  Intro C++/VB  Design Software Projects  Communication 101 and 102  Debugging  C# Gaming | **4th Quarter**  Various Computer Applications  PPT, Excel, Charts, Graphs  Industry Safety Certifications  Design Technology  Intro to Micro Processing  Intro to Life Cycle/Planning |
| **Level III** | **1st Quarter**  Safety/Wellness  Ethical/Legal Internet/Etiquette  Web Design CSD (Code.Org)  Intro to NOCTI | **2nd Quarter**  Computer Graphics and Integration  CSD (Code.Org) Gaming  Intermediate Computer Programming  Review to Advance C#  C# Gaming  Intro to Python | **3rd Quarter**  Intro to C++/VB  Access Database  DBA Knowledge  Communication 103  Debugging  Intro to Industry Certification | **4th Quarter**  Various Computer Applications  PPT, Excel, Charts, Graphs  Industry Safety Certifications  Design Technology  Intro to Micro Processing  Intro to Life Cycle/Planning |
| **Level IV** | **1st Quarter**  Safety/Wellness  Ethical/Legal Internet/Etiquette  Web Design CSD (Code.Org)  NOCTI Prep | **2nd Quarter**  Computer Graphics and Integration  CSD (Code.Org) Gamming  Advance Computer Programming  Review to Advance C#  C# Gaming  Intro to Python | **3rd Quarter**  Intro C++/VB/SQL  Access Database  Intro to Perl/  Pseudocode  Flow Charts  Become Industry Certified | **4th Quarter**  Various Computer Applications  PPT, Excel, Charts, Graphs  Industry Safety Certifications  Design Technology  Senior Project  NOCTI Testing |