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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/EtiquetteMicrosoft Office/PublishingComputer Graphics and IntegrationIntro to App Creation | **2nd Quarter**Computer Graphics and IntegrationCSD (Code.Org)GamingBasic Computer ProgrammingIntro to C# Beginners Intro to Access Database | **3rd Quarter**Intro to Access DatabaseDBA Intro to C#Intro to Design Software ProjectsCommunication 101Intro to Debugging | **4th Quarter**Various Computer ApplicationsPPT, Excel, Charts, GraphsIndustry Safety CertificationsDesign TechnologyIntro to Micro Processing |
| **Level II** | **1st Quarter**Safety/WellnessEthical/Legal internet/EtiquetteMicrosoft Office/PublishingComputer Graphics and IntegrationIntro to CSD (Code.Org)Intro to App Creation | **2nd Quarter**Computer Graphics and IntegrationCSD (Code.Org)GamingBasic Computer ProgrammingReview to Intermediate C#C# Gaming Intermediate | **3rd Quarter**Access DatabaseDBA Intro C++/VBDesign Software ProjectsCommunication 101 and 102DebuggingC# Gaming | **4th Quarter**Various Computer ApplicationsPPT, Excel, Charts, GraphsIndustry Safety CertificationsDesign TechnologyIntro to Micro ProcessingIntro to Life Cycle/Planning |
| **Level III** | **1st Quarter**Safety/WellnessEthical/Legal Internet/EtiquetteWeb Design CSD (Code.Org)Intro to NOCTI | **2nd Quarter**Computer Graphics and IntegrationCSD (Code.Org) GamingIntermediate Computer ProgrammingReview to Advance C#C# GamingIntro to Python | **3rd Quarter**Intro to C++/VBAccess DatabaseDBA KnowledgeCommunication 103DebuggingIntro to Industry Certification | **4th Quarter**Various Computer ApplicationsPPT, Excel, Charts, GraphsIndustry Safety CertificationsDesign TechnologyIntro to Micro ProcessingIntro to Life Cycle/Planning |
| **Level IV** | **1st Quarter**Safety/WellnessEthical/Legal Internet/EtiquetteWeb Design CSD (Code.Org)NOCTI Prep | **2nd Quarter**Computer Graphics and IntegrationCSD (Code.Org) GammingAdvance Computer ProgrammingReview to Advance C#C# GamingIntro to Python | **3rd Quarter**Intro C++/VB/SQLAccess DatabaseIntro to Perl/PseudocodeFlow ChartsBecome Industry Certified | **4th Quarter**Various Computer ApplicationsPPT, Excel, Charts, GraphsIndustry Safety CertificationsDesign TechnologySenior ProjectNOCTI Testing |