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| What Students Learn in this Program | Certifications |
| Prerequisite: DIT |  | Digital Info Tech | Word Press |
| Foundations of Programming | HTML/CSS & Intro to JavaScript | Coding basics, design thinking process, flowcharts; labs & Career-oriented focus | Info Technology Specialist- HTML/CSS |
| JavaScript Programming | JavaScript & Intro to Python | Block based coding, extensive programming in JavaScript; Portfolio & Ecommerce Site work | ITS - JavaScript |
| Procedural Programming | Python & Responsive Design | Interactive Coding & Navigation, Site Maps Responsive Design; Project & Portfolio work | ITS –Python |
| Object-Oriented Program Fundamentals | HTML/CSSHTML5 | Script Programming in a Visual Studio Integrated Data Environment | ITS – JavaScript & Intro to HTML5 App Dev Fd |
| Web Programming | HTML & CSS  | Web Labs, Storyboards, Launch/Maintain ISTEM Ecommerce website | ITS - HTML5 App Dev & Computational Thinking |



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*In this CHS ISTEM Strand advance your programming skills and knowledge to prepare you for some of hottest in-demand career fields as you pass Industry Certifications & build a Digital Portfolio! Be ready to create websites & web apps like professionals do for Ecommerce, Retail & Wholesale industries & more.*

**WEB APPLICATION**

**DEVELOPMENT & PROGRAMMING**

**Julie Yaeger - yaegerj@pcsb.org**