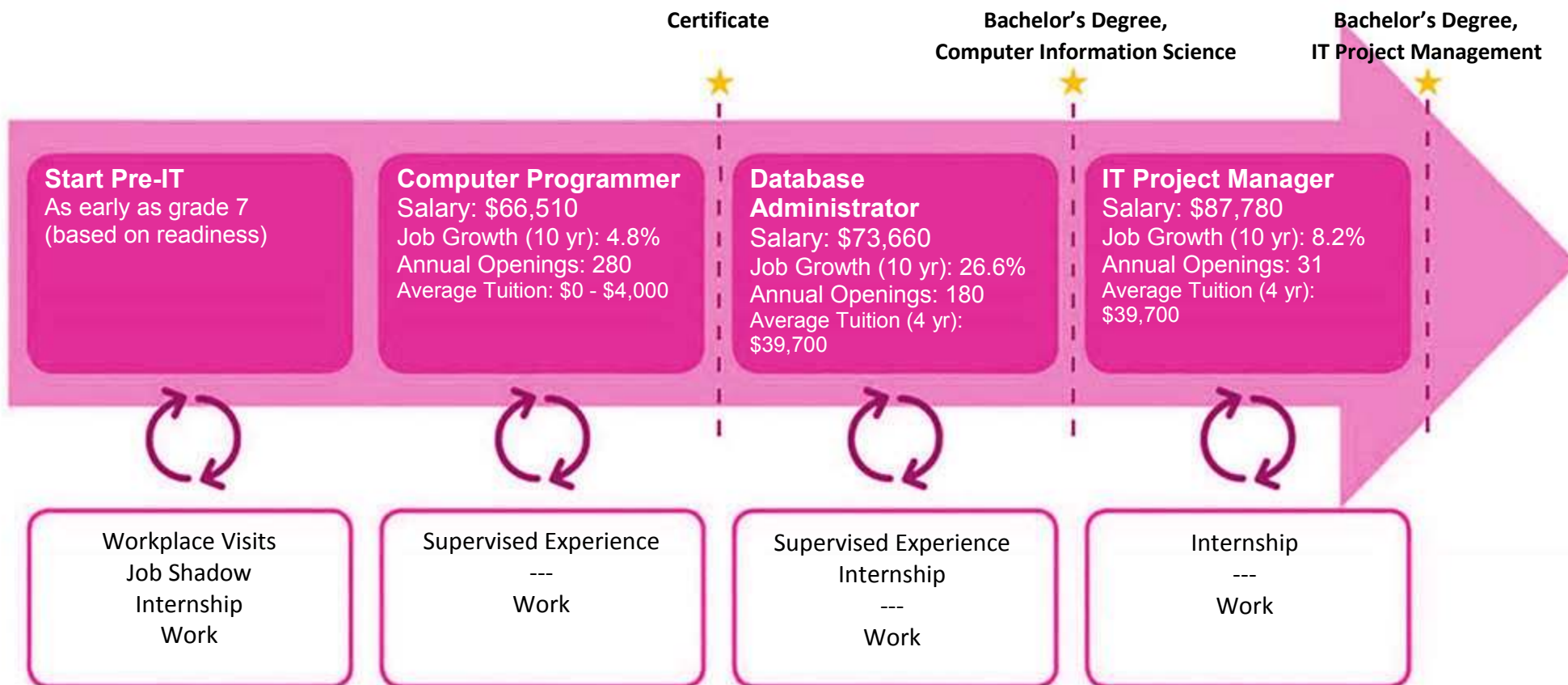


Information Technology Pathway Model



Provided by middle schools, high schools, employers, Ohio Tech Centers, and Colleges.

Preparing students for multiple options after high school:
gainful employment and/or post-secondary study.



Courses with Secondary & Post-Secondary Credits

| | | | | | | | | | |
|----------------|------------------------|-------------------|---------------------------------|-------------------------|----------------------------|--------------------------|-----------------------------------|--------------------|--|
| Secondary | 7 8 | English | Algebra I | Science | Social Studies | Fine Arts | Information Technology | Programming | |
| | 9 10 | English | Geometry | Biology | US History | Health (.5) PE (.5) | Object Oriented Programming | Visual Programming | |
| | 11 | English | Algebra II | Chemistry | US Gov't & Economics | Foreign Language | Systems Analysis & Design | | |
| | 12 | English | Trigonometry | Physics | Psychology | Foreign Language | Database Applications Development | | |
| Post-Secondary | Year 1 1st Semester | English | College Seminar | Intro to Business | Computer Applications | Computer Programming | Operating Systems & Security | | |
| | Year 1 2nd Semester | Technical Writing | Math for Information Technology | Internet Programming I | Database | Advanced C++ | | | |
| | Year 2 1st Semester | College Algebra | Visual Basic I | Internet Programming II | Systems Analysis & Design | Natural Science Elective | | | |
| | Year 2 2nd Semester | Communication | Visual Basic II | Java Programming | Arts & Humanities Elective | Social Science Elective | IT Capstone | | |

| |
|---|
| High School CTE Program Courses |
| High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses |
| Required Courses |
| Recommended Electives |

