

INFORMATION TECHNOLOGY CAREER CLUSTER

State-Designated Pedagogy Requirements (*Effective July 1, 2019*):

- 7-12 PLT; or
- Practicum, internship, or student teaching 7-12; or
- 2 years of verified teaching experience in a 7-12 setting

Coursework Requirements:

15 Semester hours of coursework

- 1 or more credits in computer hardware
- 1 or more credits in computer software
- 1 or more credits in web development
- 1 or more credits in computer programming
- 1 or more credits in network technologies

State-Designated Test Requirements:

| Test # | Test Name | Cut Score | Effective Date |
|--------|------------------|-----------|----------------|
| 5651 | Computer Science | 159 | 05/15/2017 |

Preparations that can add this Endorsement:

| Preparation | Pedagogy | | CTE Methods | | Test | | Coursework |
|----------------------------------|----------|-----|-------------|-----|------|----|------------|
| Early Childhood Preparation | X | AND | X | AND | X | OR | X |
| Elementary Preparation | X | AND | X | AND | X | OR | X |
| Secondary Preparation | | | X | AND | X | OR | X |
| CTE Preparation | | | | | X | OR | X |
| K-12 Preparation | | | X | AND | X | OR | X |
| Early Childhood SPED Preparation | X | AND | X | AND | X | OR | X |
| K-12 SPED Preparation | | | X | AND | X | OR | X |

Assignment Codes:

| Code | Assignment Description |
|-------|---|
| 10505 | Academic Technology Enrichment K-8 |
| 10206 | Advanced Web Publishing & Design |
| 10019 | AP Computer Science Principles |
| 11051 | Audio Visual Production |
| 10154 | C++ Programming |
| 10112 | Cabling |
| 10202 | Computer Graphics |
| 10251 | Computer Hardware |
| 10152 | Computer Programming |
| 10156 | Computer Programming-Other Language |
| 10053 | Database Programming |
| 11152 | Desktop Publishing |
| 10205 | Digital Animation |
| 17106 | Electronics |
| 10504 | Elementary Computer Applications |
| 12506 | Elementary Word Processing |
| 12053 | Entrepreneurship |
| 10004 | Foundations of Technology |
| 10001 | Grades 5-8 Computer Applications |
| 12606 | Grades 5-8 Word Processing |
| 10051 | Information Systems Analysis and Design |
| 14157 | Intro to Health Informatics |
| 10003 | Intro to Information Technology |
| 10155 | Java Programming |
| 21009 | Mechatronics/Robotics |
| 10203 | Multi-Media Design |
| 10101 | Network Technology |
| 10102 | Networking Systems |
| 10253 | Operating System |
| 10157 | PLTW Computer Science A |
| 10604 | PLTW MS Computer Science |
| 10153 | Visual Basic Programming |
| 10201 | Web Programming |
| 10009 | Web Publishing & Design |
| 12006 | Word Processing |