Engineering and Technology Education

Information Systems Pathway Sequence

IDAHO
Division of Career Technical Education

Information Systems—Programming & Software development and Web Design & development

Pathway Sequence	Programming & Software Development	Web Design & Development
Introductory	Fundamentals of Information Systems Technology **100030**	Fundamentals of Information Systems Technology **100030**
Intermediate	Cloud Computing I **100210** Cloud Computing II **100211** Programming & Software Development I **101522** Programming & Software Development II **101523**	Cloud Computing I **100210** Cloud Computing II **100211** Web Design & Development I **102012** Web Design & Development II **102013**
Capstone	Programming & Software Development III (Required) **101524** Work-Based Learning - Programming & Software Development (Optional) **101980**	Web Design & Development III (Required) **102015** Work-Based Learning - Web Design & Development (Optional) **102481**
Technical Competency Credits	**8 Credits** **CWI**	**6 Credits** **CEI** **CSI** **LCSC** **NIC**

Pathway Resources: Information Systems

Program Requirements

Approved Assessments:

CTECS - Programming & Software Development
CTECS - Web Design & Development

Program Standards:

Programming & Software Development
Web Design & Development

Endorsements:

Programming & Software Development / Web Design & Development
4024 Information/Communication Tech (6-12)
6151 Programming & Web Technologies (6-12)
6153 Network & Computer Support (6-12)
6154 Networking Support (6-12)
6156 Computer Support (6-12)
6158 Programming & Software Development (6-12)
6159 Web Design & Development (6-12)
9093 Business Technology Education (6-12)
9400 Computer Science (6-12)

Advanced Opportunities

CIW Site Development Associate
CIW Web Foundations Associate
Microsoft Technology Associate (MTA): Net Fundamentals
MTA: Gaming Development Fundamentals
MTA: Hypertext Markup Language (HTML) 5 Application Development Fundamentals
MTA: Mobile Applications Development Fundamentals
MTA: Security Fundamentals
MTA: Software Development Fundamentals
MTA: Software Testing Fundamentals
MTA: Web Development Fundamentals

SkillStack® Badges

Programming & Software Development

TCC - Programming Fundamentals I

TCC - Programming Fundamentals II

Web Design & Development

TCC - Web Development Basics

Web Design & Development

TCC - Web Design Fundamentals

Career and Technical Student Organization:

Technology Student Association (TSA)

Website: idahotsa.com

Mission: Leadership and opportunities in technology, innovation, design and engineering. Members apply STEM concepts through intracurricular programs.

CTSO Manager: Andrew Armstrong

State Advisor: Justin Touchstone