

PROGRAMMING AND SOFTWARE DEVELOPMENT CAREER PATHWAY

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:

9 Semester hours of coursework

- 1 or more credits in computer programming
- 1 or more credits in database programming
- 1 or more credits in information system analysis

State-Designated Test Requirements:

Test #	Test Name	Cut Score	Effective Date
5906	NOCTI Computer Programming	81.7	05/15/2017

Other Requirements:

4000 Hours of Validated Work Experience in a Related Field within the previous five years		
Computer Support Specialist	Programming Specialist	Database Administrator
Software Developer	Applications Developer	

Preparations that can add this Endorsement:

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

Assignment Codes:

Code	Assignment Description	Code	Assignment Description
10505	Academic Technology Enrichment K-8	10051	Information Systems Analysis and Design
10154	C++ Programming	10155	Java Programming
10152	Computer Programming	21009	Mechatronics/Robotics
10156	Computer Programming-Other Language	10153	Visual Basic Programming
10053	Database Programming		