

INFORMATION TECHNOLOGY

PROGRAMMING & SOFTWARE DEVELOPMENT



DOES THIS CAREER PATHWAY FIT YOUR INTERESTS AND LIFESTYLE? WOULD YOU LIKE A CAREER IN PROGRAMMING & SOFTWARE DEVELOPMENT? COMPLETING A CAREER PATHWAY WILL PREPARE YOU TO TAKE ADVANTAGE OF POSTSECONDARY OPTIONS, SUCH AS ON-THE-JOB TRAINING, CERTIFICATION PROGRAMS, AND TWO- AND FOUR-YEAR DEGREES.

EXPLORE YOUR OPTIONS!



PROGRAMMING & SOFTWARE DEVELOPMENT IS:

- HIGH SKILL
- HIGH WAGE
- HIGH DEMAND



SAMPLE OCCUPATIONS REQUIRING:

ASSOC OR TECHNICAL DEGREE

- >WEB DEVELOPER

BACHELOR'S DEGREE

- >CAREER AND TECHNICAL EDUCATION TEACHER
- >COMPUTER PROGRAMMER
- >COMPUTER SYSTEMS ANALYST
- >COMPUTER SYSTEMS ENGINEERS/ARCHITECT
- >SOFTWARE DEVELOPER
- >VIDEO GAME DESIGNER

GRADUATE OR PROF. DEGREE

- >SOFTWARE ENGINEER

1 EXPLORER COURSE REQUIRED

GRADES

EX. COMP. SCIENCE	LEHI JR.	.50	9 (LJH)
WEB DEVELOPMENT	REVOIR	.50	9 (WMS)
COMPUTER PROG 1 CE	WHITE	.50-1.00	10-12
MATH 1050 CE	LHS	.50	11-12
DATA SCIENCE	LHS	1.00	11-12

1 CONCENTRATOR COURSE REQUIRED

COMPUTER PROG 2 CE	WHITE	.50-1.00	10-12
GAME DEVELOPMENT	WHITE	.50	10-12

SUGGESTED COMPLETER COURSE

COMPUTER PROG 3 CE	WHITE	1.00	10-12
ALGORITHMS & DATA	WHITE	1.00	11-12
CTE INTERNSHIP	MCMULLIN	.50	12

ALL PATHWAYS REQUIRE 3 CREDITS TO COMPLETE

