

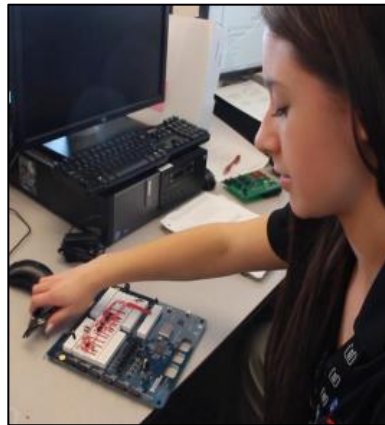
COMPUTER SCIENCE

Computer Science Careers

- Computer Programmer
- Software Designer
- Computer Support Specialist
- Network Administrator

Overview

The **Computer Science** Pathway gives students the opportunity to prepare for a career working with computers to solve problems. The Pathway also focuses on computer programming skills in multiple programming languages. It culminates in Advanced Placement Computer Science.



COMPUTER SCIENCE CONTACTS

Pathway Teacher	Taghrid Elmeligui (Lead teacher)	(503) 565.4200 telmeligui@msd.k12.or.us
------------------------	---	---

PATHWAY ENDORSEMENT OFFERINGS IN COMPUTER SCIENCE

Any Combination of Classes up to 2.5 credits	Grade	MHS Credits	College Credits
Introduction to Computer Science	9-12	0.5	
Visual Basic Computer Programming 1	10-12	0.5	
Visual Basic Computer Programming 2	10-12	0.5	
C++Programming & Data Structures(CS161)	11-12	0.5	4
Advanced C++(CS161)	12	0.5	4
Computer Science-Advanced Topics(CS160)	12	0.5	4
AP Computer Science	11-12	1.0	
The following are available but NOT part of the endorsements			
<i>Computer Game Development</i>	9-12	0.5	
<i>Computer Game Development-Advanced</i>	10-12	0.5	

COMPUTER SCIENCE TRANSFER PROGRAM AT CHEMEKETA COMMUNITY COLLEGE

Term	Course	Title	Credit Hours
1	WR121	The College Essay	4
	MTH111	College Algebra	4
	CS160	Introduction to Computer Science	4
	Arts and Letters Course		4
2	MTH112	Trigonometry	5
	Social Science Course		4
	MTH231	Discrete Math	4
	Arts and Letters Course		4
3	MTH232	Discrete Math	4
	COMM111	Fundamentals of Public Speaking	4
	HPE295	Advanced Wellness	3
	WR122	Research and Argument	4
	Social Science Course		4
4	CS275	Database Management	4
	CS161	Computer Science 1	4
	MTH251	Differential Calculus	5
	Social Science Course		4
	Science Course		4
5	CS162	Computer Science 2	4
	CS271	Principals of Computer Organization	4
	MTH252	Integral Calculus	5
	Social Science Course		4
	Science Course		4
6	CS260	Computer Science 3 Data Structures	4
	Arts and Letters Course		4
	Science Course		4

Courses in bold/gray are the courses taught at McMinnville High School in either College Credit Now or Advanced Placement.