

Recommended pathway from Helena High School to Helena College, with dual credit opportunities highlighted.

SUGGESTED HIGH SCHOOL COURSES

9th	Graduation Requirements Workforce/College Prep	English I; Algebra I; Earth Science; World Cultures; Physical Ed I	Recommended CTE Cluster Foundation Course(s): Basic Computer Skills; Tech Skills for Life
	CTE and/or Electives	Cisco I; Basic Computer Skills; Tech Skills for Life	Recommended CTE Pathway Courses: Computer Science; Oracle; Cisco 1-4
10th	Graduation Requirements Workforce/College Prep	English II; Geometry; Biology; Health; Physical Ed II; Art	
	CTE and/or Electives	Cisco II; Oracle Database and Programming; Accounting; Marketing	
11th	Graduation Requirements Workforce/College Prep	English III or; Algebra II; US History; Chemistry	
	CTE and/or Electives	Computer Science CSCI100 Intro to Programming ; Cisco III; Small Business Management	
12th	Graduation Requirements Workforce/College Prep	WRIT121T Technical Writing or WRIT101 College Writing and English IV; US Government; M121 College Algebra	Career & Technical Student Organization(s): BPA, DECA, Helena Robotics
	CTE and/or Electives	Computer Science; Cisco IV; Drafting CAD 2D	

ADVANCED LEARNING OPPORTUNITIES

High School to College/Career Linkages

Advanced Placement or IB courses: AP US History; AP European History; AP Government; AP Psychology; AP English III & IV; AP Calculus; AP Biology

Dual Enrollment courses: **M121 College Algebra**; M151 Pre-calc; **WRIT101 College Writing** or **WRIT121T Technical Writing**; **PSYX100 Intro to Psychology**; **CSCI100 Intro to Programming**; **CSCI111 Programming with Java 1**; **NTS104 CCNA 1: Intro to Networks**; **Oracle = CSCI240 Databases & SQL**; DFT150 CAD 2D

Online courses: MTDA: **CSCI107 Joy and Beauty of Computing**; **PSYX100 Intro to Psychology**

Other: Helena Robotics Club, Business Co-op, Internships

POSTSECONDARY PROGRAM OF STUDY

	Math	English	Major	Other
Semester 1 (15 credits)	M121 College Algebra OR M115 Linear Mathematics 3CR	WRIT101 College Writing OR WRIT121T Technical Writing 3CR	CSCI100 Intro to Programming 3CR OR CSCI107 Joy & Beauty 3CR BMIS285 Fundamentals of Management Information Systems 3CR NTS104 CCNA 1: Intro to Networks 4CR	
Semester 2 (18 credits)			NTS105 CCNA 2: Routing & Switching 3CR MART145 Web Design 3CR ITS224 Intro to Linux 3 CR ITS280 Comp. Repair & Maintenance. 4CR	SOCI101 Intro to Sociology OR PSYX100 Intro to Psychology OR HR110T Career Development and Human Relations 3CR
Semester 3 (14 credits)			NTS205 CCNA 4: Connecting Networks 3CR CSCI221 Syst. Analysis & Des. 4CR CSCI240 Databases & SQL 3CR ITS255 Telephony 3CR	ITS230-- Administrative Scripting using PowerShell 2CR ITS231—Admin Scripting using Python 2CR
Semester 4 (15 credits)			CSCI212 Web Server Admin 3CR ITS212 Network Operating System Server Admin 4CR ITS218 Network Security 3CR NTS204 CCNA 3 Scaling and Networks 3CR	CSCI298 Internship OR CSCI299 Thesis/Capstone 2CR...