



TECHNOLOGY CAREERS COURSE PLANNING

Computer Science | Information Technology | Web, Digital & Print Media | Computer Networking | Cyber Security

Name: _____ 's Cheney High School Course Plan

Using the [Cheney High School Course Plan](#), the [Pathway Plans on the back of this sheet](#), and your transcript as a guide, complete the chart below by adding the course title and code for required courses you have taken, the grade you earned in the course, and write in courses you will take in the future to reach your goals both to and beyond graduation. If there are already courses in the box, circle or highlight which one you would like to register for. You will need a completed plan with guardian signature to move to the next step of registration. Return this sheet to your Advisory teacher.

After high school, I currently plan to...				See Next Page for Pathway Elective Recommendations					
2 Years of the Same World Language is <u>highly recommended</u> for post-secondary education -- most 4-year colleges require World Language.									
	Language Arts (ELA)	Health/Fitness		Math	Science	Elective	Elective	Elective	Elective
9	LA 9 or Pre-AP LA 9	Health PE121	Fresh. Fit. PE101	Algebra I or H. Geometry	Biology or Pre-AP Biology				
	Language Arts (ELA)	Social Studies		Math	Science	Elective	Elective	Elective	Elective
10	LA 10 or Pre-AP LA 10	World History or AP World History		Geometry or Honors Geometry or Honors Algebra II or	Physical Science or Pre-AP H. Chemistry or AP Biology				
	Language Arts (ELA)	Social Studies		Math	Science	Elective	Elective	Elective	Elective
11	H. Business Writing or H. Business Comm. or LA 11 or AP Lang/Comp	US History or AP US History		Algebra II or Honors Algebra II or AP Statistics or M107 Math. Reasoning or AP Pre-Calculus	AP Computer Science or Cisco Networking I or Chemistry or AP Chemistry or Physics or AP Physics				
	Language Arts (ELA)	Social Studies		Math	Recommended Science or 2 Electives	Elective	Elective	Elective	Elective
12	H. Business Comm. or H. Business Writing or LA 12 or AP Lit/Comp	Econ or H. Econ	Econ or H. Econ	AP Statistics or AP Computer Science or AP Pre-Calculus or AP Calculus or M107 Math. Reasoning					
	Are you currently interested in enrolling in one of the following programs? If so, circle or Highlight one. Running Start or NewTech Skills Center								

Student's Signature: _____ Advisor's Signature: _____

Guardian's Signature: _____ Date: _____

FLIP FOR MORE INFO



TECHNOLOGY CAREERS COURSE PLANNING

Computer Science | Information Technology | Web, Digital & Print Media | Computer Networking | Cyber Security

ARTS, A/V TECHNOLOGY & COMMUNICATION

COMMERCIAL PHOTOGRAPHY

MS

- Career Exploration
- Photoshop
- Computer-Aided Art
- Intro to Computer Science
- MS Intro to Computer Programming
- Communication

1

- Entrepreneurship
- Digital Photography **A**

2

- Commercial Photography **A**
- Graphic Design **A**

3

- Web Design **A**
- H. Business & Media Writing **E**

4

- Yearbook **A**
- H. Business Communications **E**

MORE CLASS OPTIONS

- Career Preparation
- Microsoft Office Industry Certifications **E**
- AP Computer Science **M or S**
- Project Management I/II

POSSIBLE RELATED CAREERS

- Photographer
- Photojournalist
- Documentarian
- Videographer

PRINT & VIDEO MEDIA/FILM

MS

- Career Exploration
- Photoshop
- Computer-Aided Art
- Intro to Computer Science
- MS Intro to Computer Programming
- Communication

1

- Digital Photography **A**

2

- Video & Social Media Production **A**
- Commercial Photography **A**

3

- Yearbook **A**
- H. Business & Media Writing **E**

4

- Project Management I/II
- H. Business Communications **E**

MORE CLASS OPTIONS

- Microsoft Office Industry Certifications **E**
- AP Computer Science **M or S**

POSSIBLE RELATED CAREERS

- Animator
- Film/Video Editor
- Filmmaker/Videographer
- Media Director

WEB & DIGITAL COMMUNICATIONS

MS

- Career Exploration
- Photoshop
- Computer-Aided Art
- Intro to Computer Science
- MS Web Development
- MS Intro to Computer Programming
- Communication

1

- Microsoft Office Industry Certifications **E**
- Intro to Marketing & Hospitality

2

- Graphic Design **A**
- Digital Photography **A**

3

- Web Design **A**
- AP Computer Science **M or S**

4

- Cyber Security **E**
- H. Business Communications **E**

MORE CLASS OPTIONS

- Digital Video Production **A**
- Project Management I/II
- H. Business & Media Writing **E**

POSSIBLE RELATED CAREERS

- Graphic Designer
- Web Designer
- Content Media Specialist
- Social Media Specialist

ALL TECHNOLOGY CAREER RELATED CLASSES AT CHS

ENTRY COURSES

Courses With No Pre-Requisite Requirements

- AP Computer Science Principles **E** (Available to 10, 11, & 12 Grades)
- H. Business & Media Writing **E**
- H. Business Communications **E**
- Cisco Networking I **S**
- Microsoft Office Industry Certifications **E**
- AP Computer Science **M or S**
- Graphic Design **A**
- Web Design **A**
- Video & Social Media Production **A**
- Digital Photography **A**
- Intro to Computer Programming
- Cyber Security **E**

ADVANCED COURSES

Each Course Has Pre-Requisite Requirements

- Cisco Networking II, III, IV **S**
- Commercial Photography **A**
- Project Management I/II
- Yearbook **A**

ADDITIONAL RELATED COURSES

- Entrepreneurship
- Intro to Marketing & Hospitality
- Marketing for the Global Economy

WORLD LANGUAGE FOR COLLEGE PLANS

2 Years of the Same World Language is **highly recommended** for post-secondary education - most 4-year colleges require World Language.

- A** Art or CTE Credit
- E** Language Arts (ELA) or CTE Credit
- M** Math or CTE Credit
- S** Science or CTE Credit
- E** FREE College Credit Opportunity

INFORMATION TECHNOLOGY

SOFTWARE DEVELOPMENT

MS

- Career Exploration
- Intro to Comp. Sci.
- Minecraft Coding
- Computer-Aided Art
- Apps & Websites
- MS Intro to Computer Programming
- MS Web Development
- Robotics
- Communication

1

- Intro to Computer Programming
- Microsoft Office Industry Certifications **E**

2

- AP Computer Science Principles **E**
- Web Design **A**

3

- Cyber Security **E**
- AP Computer Science **M or S**
- Cisco Networking I **S**

4

- Project Management I/II
- H. Business Communications **E**

MORE CLASS OPTIONS

- Graphic Design **A**
- Cisco Networking II **S**
- H. Business & Media Writing **E**

POSSIBLE RELATED CAREERS

- Web Developer
- Computer Programmer
- Computer Systems Engineer
- Programmer Analyst
- Database Administrator
- Front-End Developer

NETWORKING & IT SUPPORT

MS

- Career Exploration
- Intro to Comp. Sci.
- Minecraft Coding
- Computer-Aided Art
- Apps & Websites
- MS Intro to Computer Programming
- MS Web Development
- Robotics
- Communication

1

- Introduction to Computer Programming

2

- Cyber Security **E**
- Cisco Networking I **S**

3

- AP Computer Science **M or S**
- Cisco Networking II **S**

4

- Cisco Networking III **S**
- H. Business Communications **E**

MORE CLASS OPTIONS

- H. Business & Media Writing **E**
- Project Management I/II

POSSIBLE RELATED CAREERS

- Network Administrator,
- Architect, Engineer, Manager
- Communications Analyst
- PC Support Specialist
- Systems Engineer
- Systems Administrator

CYBER SECURITY

MS

- Career Exploration
- Intro to Comp. Sci.
- Minecraft Coding
- Computer-Aided Art
- Apps & Websites
- MS Intro to Computer Programming
- MS Web Development
- Communication

1

- Introduction to Computer Programming

2

- AP Computer Science Principles **E**
- Cyber Security **E**

3

- AP Computer Science **M or S**
- Cisco Networking I **S**

4

- Cisco Networking II **S**
- H. Business Communications **E**

MORE CLASS OPTIONS

- H. Business & Media Writing **E**
- Microsoft Office Industry Certifications **E**

POSSIBLE RELATED CAREERS

- Security Engineer
- Forensic Scientist
- Cloud Security Architect
- CSO (Chief Security Officer)
- Cybercrime Investigator
- Data Recovery Specialist