About **Electives**

The following courses are currently being offered and subject to change each school year.

These courses are not required but students can choose to take them for further exposure to an academic area or to fulfill graduation credits.

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Strength & Conditioning	23541 23542	Health/PE	1.0	10	Fit 2 Live & Learn	PE	No
In this activity-based course, students learn the principles of weightlifting, plyometrics, agility training, and/or powerlifting. The course emphasizes the five components of fitness: cardiovascular fitness, muscular endurance, muscular strength, flexibility, and body composition. Students participate in assessments throughout the course.							

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Advanced Leadership	0841LB1 0841LB2	Elective	1.0	11-12	Program Dir. Recomm	See below	No
Students will work on planning, organizing and executing events to increase school spirit and community at Benson. Students will also learn leadership skills such as responsibility, time management, and public speaking. Students will grow in community engagement by working with Communicate to connect with local nonprofits							

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Tech Enterprises	0304T1 0304T2	Elective	1.0	10-12	None	Elective	No
This year-long elective course teaches students runs the Benson Student Store that creates and sells Tech Gear. Students learn about design, business management, and production including managing stock, cost benefit analysis and finances, printing, and more.							

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Bilingual Mentor	0824B1 0824B2	Elective	1.0	10	Instructor approval	Elective	No

In this course students will have the ability to support peers by interpreting for teachers, translating tasks, and supporting peers with classwork. Bilingual Peer Mentors would be working closely with the instructor to support students who are new to the United States and learning English. Bilingual peer mentor students will be required to act as a role model to their mentees and be in good standing with the school community.

They must have good behavior, good school attendance, and be on track for graduation. Moreover, bilingual peer mentor students must follow school policies and procedures as well as to teach the mentees how to use the school facilities.

Name/ Abbreviation	Course Code	Depts	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Climate Change/ Climate Justice	1750CJ1 1750CJ2	Elective	1.0	11 - 12	None	Elective	No

In this interdisciplinary course, students explore the topic of climate change and climate justice through both a science and social studies lens. Through a series of inquiry-based units, students investigate climate and engineering solutions as well as the disproportionate impact that climate change has on various frontline communities. They synthesize this information to consider potential solutions to mitigate the climate crisis through a lens of climate justice.

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Earth and Space Science	1761ES1 1761ES2	SCI	1.0	12	NGSS Physics NGSS Chemistry NGSS Biology	SCI	No

Students learn about the Earth's place in the universe and how Earth's systems interact. Topics include investigating stars as the source of elements and energy, understanding the motion and patterns of our solar system, and using light energy from stars to understand distant and past events in our universe. Students do hands-on laboratory activities, use technology to collect and analyze data, and use simulations when direct observation or collection of data is not possible.

Name/ Abbreviation	Course Code	Depts	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Drafting and Design	21102	CTE Learning that works for Oregon	1.0	9	None	Elective	No

Drafting is technical drawing, an essential skill for design, architecture, engineering, construction, manufacturing, and many other industries. Students in this class will learn both hand crafting and computer aided drafting (CAD), using a variety of different CAD software such as AutoCAD, SketchUp, and Fusion360. Students will create and draft their own designs, then build models following the plans they created.

Name/ Abbreviation	Course Code	Depts	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Engineering 1-2: **Skateboard Engineering & 3D Printing**	1695PE1 1695PE2	CTE Learning that works for Oregon	1.0	10 - 12	None	Elective	No

Come engineer a skateboard by 3D modeling, 3D printing, glue pressing veneer, and programming a CNC router! This is an introduction to engineering class where students develop problem solving and design skills by engineering skateboards. Students will explore different disciplines of engineering, take a skateboard project though the engineering process, and use real engineering tools.

Tools used in this class include:

- 3D modeling software Fusion 360

- 3D printing, CNC toolpath

- Scheduling and project management.

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Engineering 3-4: **Robotics & Advanced Design + Capstone**	1695BE1 1695BE2	CTE Learning that works for Oregon	1.0	10 - 12	Engineering 1-2 or Robotics Club Membership	Elective	No

Take your engineering skills to the next level with this advanced engineering class. Students will choose a robotics or advanced capstone project to take from design to prototype to testing and finally to production.

Engineering Tools in this class will include robotics kits, 3D modeling software Fusion 360, 3D printing, and CNC machines.

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequi-site	Type Credit	Dual Credit
Fine Woodworking	0899WW1 0899WW2	CTE Learning that works for Oregon	1.0	10	none	Elective	No

Do you enjoy making things, and seeing your creative designs become reality? Then woodworking is for you! In our classes you will:
- Safely and efficiently set up and operate woodworking tools and equipment
- Continually build skills and techniques in joinery, machining, and finishing
- Identify and choose appropriate woods, hardware, and design for projects
- Develop design skills, and have fun!

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Psychology	27711 27712	SS	1.0	9	None	Elective	No

Students explore the study of human behavior and mental processes, including a broad sampling of psychological topics such as personality, relationships, cognition, perception and sensation, memory, and neuroscience. Students participate in numerous learning activities and demonstrations.

Name/ Abbreviation	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Off Campus Credit	Elective	1.0	11-12	130 hrs. Volunteer 260 hrs. paid	Elective	No

Off- campus credits are electives.

They may be earned through a variety of work-based or community services. See your counselor. Experiences require 130 hours for a credit.

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Introduction to Leader-ship	0841LA1 0841LA2	Elective	1.0	10-12	Program Dir. Recomm	See below	No

This course is for any student waiting to learn about leadership skills and activities at Benson. Students would learn about effective communication, by practicing conflict resolution, public speaking in small groups & different leading styles. Students will learn about historical leaders around the world as well as leaders of today's world. Students will engage in the process of working with local nonprofits and communicate. Students will work on planning video announcements promoting events, and executing activities at Benson. Attending promoted activities require

Prerequisites: Must meet application requirements and election by student body.

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Peer Mentors	0831PM1 0831PM2	Elective	1.0	10-12	Prog. Dir. Recomm.	Elective	No

Students serve as mentors to a small group of freshmen.

Students should have good social skills, good attendance and an interest in helping freshmen succeed academically, along with basic math, science and language arts knowledge.

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Teacher's Aide	0823	Elective	(P/NP) 1.0	10-12	Teacher's Approval	Elective	No

This class gives you an opportunity to support the instructional needs of the classroom teacher or to support the office personnel in the building.

You must exhibit strong leadership skills, be reliable, and be a good citizen.

Name/ Abbreviation	Course Code	Dept	Credit	Min. Level	Prerequisite	Type Credit	Dual Credit
Yearbook Blueprint	19051 19052	Elective	1.0	10-12	Instructor Approval	Elective	Yes

Students learn aspects of yearbook design and production. These aspects include, but are not limited to publication design, photojournalistic writing, organization skills, and teamwork. Students in this class are responsible for the creation and pro-duction of a certain number of assigned page layouts.

Page layout assignments include:

- collecting and taking photographs,
- conducting interviews
- writing captions and stories,
- organizing the information in to well-designed pay layouts
- meeting deadlines
- editing the pages for spelling errors and misinformation.

The overall class goal is to yield high-quality yearbook pages. Students learn skills that range from using the computer software programs such as Adobe InDesign and Adobe Photoshop to using equipment such as digital cameras. Leadership opportunities are available. Students have the opportunity to attend Summer Yearbook Camp as well as various yearbook workshops.

Class work time may be required outside of the regular class period. Teacher interview is required to take this class. This class may be repeated for credit.