

WILSON CTE

CAREER & TECHNICAL EDUCATION



WILSON HIGH SCHOOL



COLLEGE & CAREER CENTER

Room 149

Through the CCC, Wilson students have access to career information days, internships and guest speakers. Our strong partnerships with Portland businesses allow us to provide opportunities for students to explore their interests in a variety of career paths.

CTE

Career & Technical Education

CTE offers high school students cutting-edge, relevant, and rigorous classes that prepare them for post-secondary opportunities and high-wage, high-skill, high-demand careers of the 21st century.

STUDENTS WHO COMPLETE A CTE PROGRAM:

- ▶ Gain technical skills and knowledge that help them prepare for college and career
- ▶ Receive CTE Honors upon graduation
- ▶ May earn college credit in high school
- ▶ Build a resume that signals strong career or academic interest in a particular field to potential employers and colleges

CTE HONORS REQUIREMENTS

- ▶ In order to complete a CTE program and receive CTE Honors, a student must complete at least two courses in one program of study. Each program has at least one required course.

DUAL CREDIT

- ▶ Many Wilson CTE courses are Dual Credit, allowing the student to earn college credit concurrently with high school credit. Dual Credit courses are aligned with specific courses at Portland Community College (PCC), which can then be transferred to many secondary institutions. Entering college with credits may allow students to graduate in less time or to take advanced coursework sooner in their college career.

EDUCATION PREPARATION FOR

FUTURE EDUCATORS

Instructors: Kathryn Wolff, Kate Morgan

The Future Educators program offers students unique opportunities to strengthen leadership, communication, and helping skills. Students learn teaching strategies, develop multicultural awareness, and gain experiences working as freshman class mentors, peer counselors, and elementary classroom assistants. This program gives students first-hand information about the joys and challenges of careers in education professions.



Peer counseling is a great environment. The skills we learn in that class have not only helped me socially, but will help me for years to come when starting to apply for colleges!

—Justine Wendt, Class of 2020

*"It's a great opportunity to work with kids and see if you would like a career in education. For a long time, I wanted to go into advertising. But after working at Rieke for two years in a second-grade classroom, I now want to work with kids as a speech pathologist or occupational therapist. Being a Rieke TA is a good way to expose yourself to the education field and all of the different jobs there are. **I am more confident going into college knowing I have found something I could see myself pursuing as a career.**"* —Ellie Asplund, Wilson Class of 2018



COURSES

► **Introduction to Education
(required)**

► **Elementary Education
Teaching Assistant
(required)**

*Dual credit, aligns with PCC ED
100: Introduction to Education
(approval pending)*

► **Peer Counseling**

*Dual credit, aligns with PCC CG
190: Intercultural Leadership for
Mentors*

► **Community Mentor**

*Dual credit, aligns with PCC CG
190: Intercultural Leadership for
Mentors*



AUDIO ENGINEERING

Instructors: Nick Caldwell, Bruce McCleave

The Audio Engineering program provides students with the opportunity to develop the technical skills needed in the audio engineering industry. Music recording technologies, writing, mixing and mastering music skills allow students to discover their inner sound designer.



COURSES

- ▶ **Sound Engineering 1-2**
- ▶ **Sound Engineering 3-4**

"Sound Engineering courses at Wilson taught me all the groundwork I needed to get started with recording and producing music. The classes I took gave me a heads up in my college courses, and have allowed me to find early opportunities in the music industry."

—Andrew Foran, Wilson Class of 2018,
currently majoring in Music Production at
Oregon State University



HEALTH SCIENCES

Instructors: Aaron Olsen, Blair Haddon

The Health Sciences program is designed for any and all students interested in exploring health and medicine. Course offerings and opportunities emphasize hands-on activities, experiential learning, and realistic scenarios. Students will gain first-hand experience in health care professions, have access to job shadow opportunities, and earn certifications and college credits.



"I am finishing up my fourth and final year at Oregon State University with a major in Kinesiology and a minor in Public Health and Business. After I graduate, my goal is to go to grad school to be a physical therapist. My interest in the medical field started when I took Mr. Olsen's

*Health class my junior year at Wilson. He talked me into taking his first Health Occupations class the following year and I ended up loving that too. In the Health Occupations class, we got to become HIPAA and CPR certified, as well as tour the OHSU out-patient facility, shadow at the OHSU Gabriel Park Clinic and go to various career fairs that we wouldn't have had the opportunity to go to otherwise. Mr. Olsen's class gave me a much better idea of what career path I would like to pursue and **I wouldn't be where I am today without that experience.**"*

—Madeline Stapleton, Wilson Class of 2014

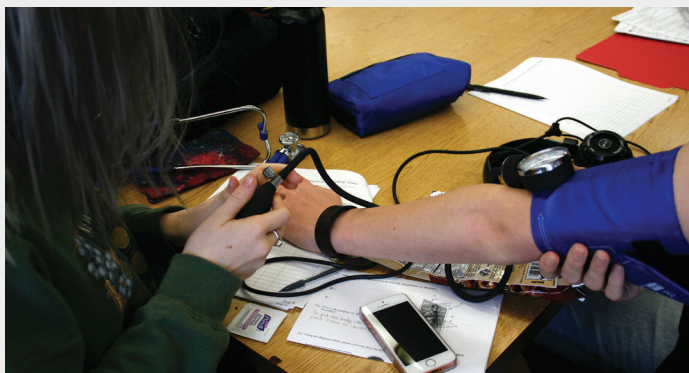


COURSES

► Health Occupations (required; dual credit)

*Aligns with PCC CG 130H:
Introduction to Today's Careers:
Health and HE112: Standard First
Aid & CPR/AED*

► Wilderness & Sports Medicine ► Anatomy & Physiology (required; one-year course)



MARKETING

Instructors: Sarah LeMier, Ken Muraoka

The Marketing program introduces students to the commonalities among businesses, such as personnel management, finance, marketing, planning and resource management. Students will identify consumers' needs and wants, assess the competitive environment, select customer targets and develop an appropriate marketing strategy with the goal of building and maintaining satisfying customer relationships.



*"Wilson's **Marketing program prepared me to be a leader in my college business courses.***

Thanks to the rigorous level of my high school classes I am now tutoring the Business Plan unit of my general business class as a Freshman!" — Catherine Lehman, Wilson Class of 2017

*"The preparation I received at Wilson has given me a **jump-start ahead of my peers in my marketing and business courses.**"*

—Hale McCullough, Wilson Class of 2017



COURSES

- ▶ **Business Management 1-2**
- ▶ **Finance 1-2**
- ▶ **Marketing 1-2 (required)**
- ▶ **Sports Marketing 1-2**
- ▶ **Marketing 3-4 (required)**
- ▶ **Marketing Special Projects 1-2**
- ▶ **Advertising**



COMPUTER SCIENCE

Instructors: Chris Bartlo, Nick Nohner

The Computer Science program gives students the opportunity to learn how to create with technology. Students will learn how to code their own apps, games, and websites through a variety of engaging projects. Students in the program will learn the computational thinking necessary to take a complex problem, reduce it to a collection of simple tasks and develop a meaningful solution.



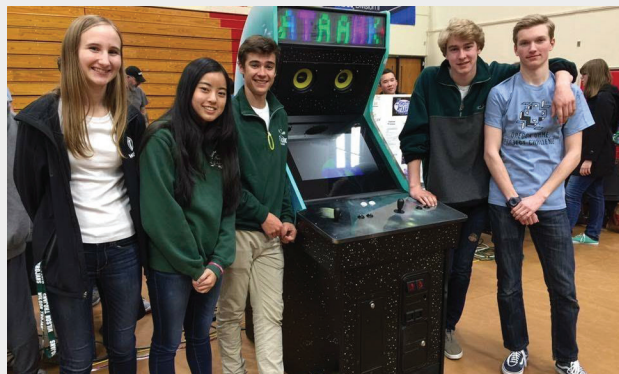
COURSES

- ▶ **Computer Science 1-2**
- ▶ **Computer Science 3-4 (required; dual credit)**
Aligns with PCC CS 161: Computer Science 1
- ▶ **Computer Science 5-6 (required)**
- ▶ **Computer Science 7-8**
- ▶ **Computer Science 9-10**

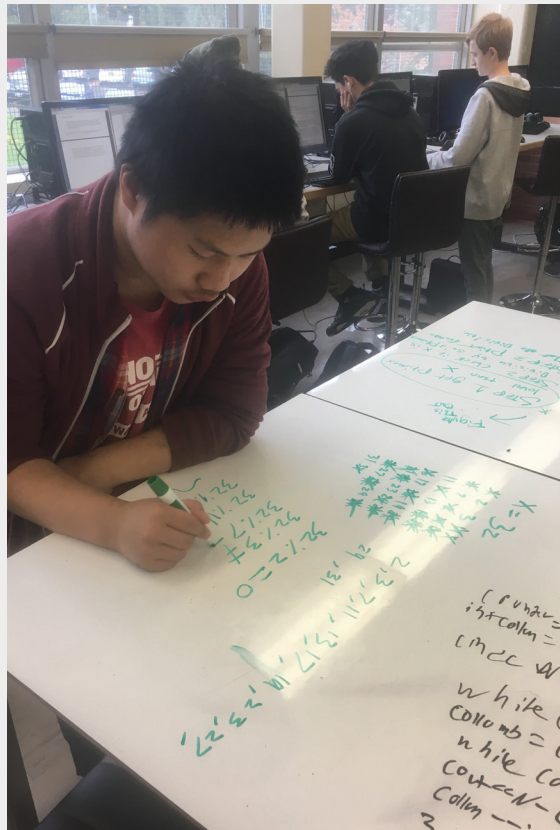
*Coming into college I found myself to be extremely far ahead in computer science knowledge and skill compared to most of the other students. **My time in the computer science program at Wilson has already proved to be invaluable in my college career, internships, and extracurricular projects, and would be a massive head start to anyone interested in the field.***

—Gabriel Kauffman, Wilson Class of 2014, Senior at Oregon State University and leader of the winning team in Oregon State University's 2017 Next Great Start-Up competition

▶ **Computer Science is for everybody, and we have courses for whatever your level of interest.**



"Computer Science 3-4 is the good kind of challenge. I like how it motivates you to think about problems and ideas differently than you have before. I also enjoy that it teaches you things that you can apply to your everyday life and the rest of your school career, like **problem-solving, organization, and collaboration with your peers.**" —Maddie Limon, Class of 2020



CONSTRUCTION & ENGINEERING

Instructor: Steve Walmer

The Construction & Engineering program teaches students about the career opportunities in the construction and engineering industries. Students practice the technical skills needed to succeed while gaining experience working with industrial equipment and other professional tools.



COURSES

- ▶ **Woods and Metals 1-2 (required)**
- ▶ **Woods and Metals 3-4 (dual credit)**
Aligns with PCC BCT106: Hand Tool/Power Tool Use and Safety
- ▶ **Woods and Metals 5-6**
- ▶ **Woods and Metals 7-8**
- ▶ **Engineering 1-2**
- ▶ **Robotics**





FUTURE EDUCATORS

AUDIO ENGINEERING

MARKETING

HEALTH SCIENCES

COMPUTER SCIENCE

CONSTRUCTION & ENGINEERING

WILSON HIGH SCHOOL

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