

Chip, Chip, Hooray! Semiconductors 1

This course covers the foundations of semiconductor science and technology. Students will learn what semiconductors are, where they are used in Idaho and beyond, how to build basic circuits, and what careers are possible in the semiconductor industry. They will explore industry innovations and manufacturing, trace paths to reach career goals in the semiconductor industry, and investigate the future of semiconductor science through team challenges and gamified learning explorations.



Did you know?

- The \$75 course fee will be waived for the Fall 2024 and Spring 2025 sessions.
- The targeted grade levels for this class are 8th - 10th grades.
- The course is aligned with the [First Steps Standards](#) and meets HB 269 career exploration requirements.



Units

Silicon Oasis: Exploring the Wonders of Semiconductors in Idaho and Beyond

Chip Chase: Curious about Semiconductors

Circuit Crafters: Lighting the Path of Innovation

Chip Forge: Semiconductor Manufacturing

Beyond Silicon: Exploring the Future of Semiconductor Science

Unlocking the Future: Exploring the Careers of the Semiconductor Industry

Setting Sail: Charting Your Course to a Successful Semiconductor Career

Semiconductor Innovators: Paving the Way for Idaho's Future and Beyond

COMING SOON

Semiconductors 2: The Spark of Innovation
Semiconductors 3: The Heart of Modern Technology

Both courses will be available for Dual Credit through Boise State University.

TO VIEW THE FULL COURSE CATALOG



208.342.0207



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