

Semiconductor Course Series

Discover, Build, and Learn in Idaho's Fastest-Growing Tech Field

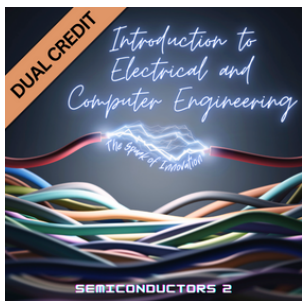


SEMICONDUCTORS 1: Chip, Chip, Hooray!

Grades 8–10

Explore the basics of semiconductor science from the chips in smartphones to Idaho's coolest tech businesses. Learn how to build circuits, solve challenges, and explore careers.

- Gamified learning & team-based activities
- Hands-on with an electronics starter kit for free
- Meets HB 269 Career Exploration Requirements

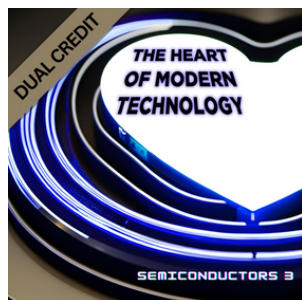


SEMICONDUCTORS 2: The Spark of Innovation

Grades 10–12 | Dual Credit (BSU ECE180)

Explore how computers and electronics work by designing and building your own project. This course introduces key engineering concepts in a fun, hands-on way.

- Earn 1 college credit through Boise State
- Includes an electronics super kit with real components for free
- Build and test your own device
- Develop skills in problem-solving, design thinking, and technology



SEMICONDUCTORS 3: The Heart of Modern Technology

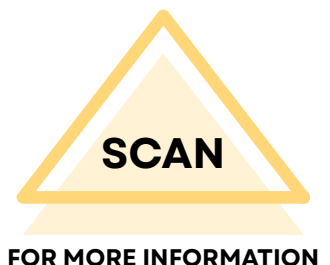
Grades 11–12 | Dual Credit (BSU MSE101)

Explore the science of materials in everything from smartphones to medical tech. Understand structure, properties, and how engineers choose materials.

- Earn 3 College Credits (Boise State)
- Dive into materials research
- Perfect for curious minds and anyone interested in STEM Careers



- The \$40 IDLA course fee will be waived for the 2025-2026 school year
- Gain college and career-ready skills
- Get hands-on, real-world tech experiences
- Aligned with NGSS, Idaho CTE, and Engineering Standards
- Paves a Pathway to Idaho's high-tech workforce



REGISTER NOW!



208.342.0207



www.IDLA.org