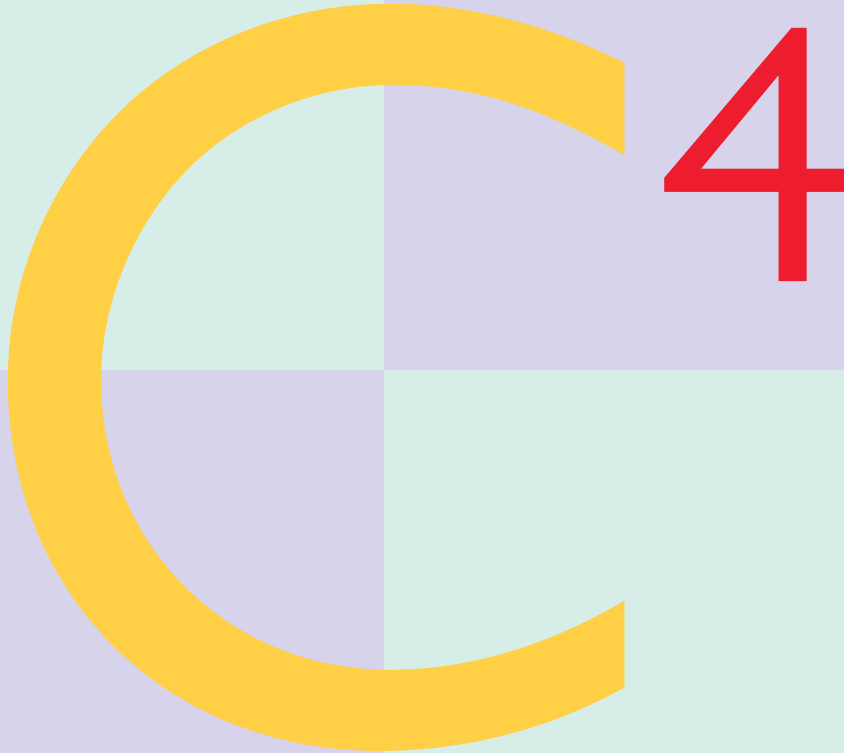


C⁴ Yourself



Mechanical Drafting & Design

Is This You?

- Are you someone who likes to be creative?
- Do you like geometry?
- Do you want to create computer graphics?
- Do you want to learn mechanical design?

Take This Class and You Will...

- Learn the principles of engineering design.
- Learn the manufacturing process (*how products are made*).
- Be introduced to 3D and 2D images.
- Learn how to use the newest CAD software.
(*Auto Desk Inventor, Auto CAD*)
- Learn how to take exact measurements and apply them to your design.
- Learn how to create and read blueprints.
- Work individually and as part of a team.
- Explore career opportunities and post-secondary studies.

Student Leadership/Community Opportunities

- Student Advisory Committee
- Skills USA: State Competition
- Special Project

C⁴ Cluster: Engineering Manufacturing Technology

State College and Career Pathway: Drafting and Design-Mechanical

Opportunity for Dual Credit and/or Certification

- Ivy Tech Dual Credits available

Prepare For a Career in...

- Mechanical Engineering
- Engineering Drawing and Design
- Drafting
- Technology Education
- Manufacturing

Post-Secondary Education

- Ivy Tech
- Purdue University
- Ball State University

Employment Opportunities

- Cummins Inc.
- Sonoma
- Penway
- Productive Resources
- Armed Forces

Do you want to take a class in this pathway? Then check out the following C⁴ classes.

Grade 9-12

- T55501: Computers in Design & Production
- T55511: Intro to Manufacturing

Grade 10-12

- T55112: Mechanical Drafting & Design

Grade 11 & 12

- T55122: Mechanical Drafting & Design

C⁴ Directory

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Check out our website-www.bcsc.k12.in.us/c4