

# STEM

Science & Tech | Engineering & Manufacturing



# Shakopee CAPS STEM

## PROGRAM DESCRIPTION

Shakopee CAPS: STEM program fully immerses students at Bayer in Shakopee providing unprecedented access to real-world experiences in the dynamic fields of Science & Technology AND Engineering & Manufacturing. Partnering with experienced professionals, students will advance their understanding of engineering and discrete manufacturing, design process thinking, project management, software, hardware, and technology applications, as well as explore the many career opportunities in these high demand industries. Students will be able to see the evolution of their projects from inception to completion with the evolution of the course.

Shakopee CAPS requires students to be active, independent learners and fosters empowerment, self-discovery, collaboration, and critical thinking skills. Students will engage in a variety of opportunities including case studies, problem and project-based learning, and on and off-site shadowing experiences.

## DUAL CREDITS EARNED

### Shakopee High School

4.0 Elective Credits – 1st and 2nd Quarter – Host Site Classroom Experience  
2.0 Elective Credits – 3rd Quarter – Individual Internship

### St. Cloud State University

3.0 Credits - GENG 101 - Ethics to the Engineering Profession

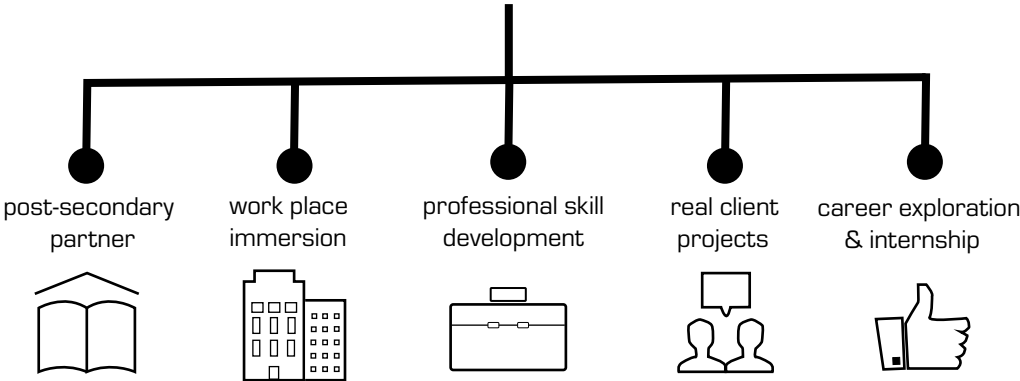
## LOCATION

Bayer

## TIME

Block 1 and 2 (Quarter 1, 2, & 3)

## THE CAPS EXPERIENCE ELEMENTS FOR SUCCESS



"CAPS for me was great. I was able to surround myself with people who made coming to work at my internship the best part of my day; making it easy for me to take initiative and go the extra mile for everything I did.

- STEM CAPS ALUMNI

Created by Sumer Roberts, 2024

