



# BRODY

## MANUFACTURING ENGINEERING TECHNOLOGY

### ABOUT MY MAJOR

Manufacturing Engineering Technology is a jack of all trades when it comes to manufacturing. We learn design, machining processes, and things that go into workflow. We understand where the part moves from machine to machine and see how that works, and study middle energy like material science.

### SKILLS

Reading skills are important. We read a lot, especially for the material science classes. In high school, I took woodworking and metalworking which helped in this major. It gave me a foundation for what we do in the production lab. Having a passion for understanding how things work and why they work plays a big part too.

### MINORS & CERTIFICATES

Manufacturing Technology Design is a fun minor to pair with my major. I like designing stuff and I do that at work, so it's kind of easy for me. I think a minor like Chemistry, Math, or Physics could also go well with manufacturing too.

### INTERNSHIPS & CAREERS

After graduation, I will look for entry-level jobs at factories - not where I am running the machines, but where I am part of the team. I want to be a part of an engineering group that does quality manufacturing design and project management.

My friend and I are thinking of moving to Japan for full-time work where we buy machines from a company in Japan and work for that company as an ambassador, a middleman, or someone who makes machines for that company.

# CAMPUS INVOLVEMENT

I am the President of an organization called the Society of Manufacturing Engineers and it is a worldwide organization. There are chapters for each designated area. My chapter is Chapter 126 and we cover a lot of colleges like UNI, Iowa State University, Hawkeye Community College, Kirkwood Community College, and Upper Iowa University. We are under the wing of the senior chapter in Waterloo/Cedar Falls. We did a lot of tours of different facilities and saw how they included manufacturing in their process and their business. We also help out with events such as the STEM Festival at the Dome. We meet engineers and get networking connections. It is like getting experience in manufacturing without having a manufacturing job.