



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

MATT1950 Beginning Mechatronics Work Experience

1 Semester Hour

Student Learning Outcomes and Enabling Objectives

1. Explore the manufacturing work environment
 - a. Examine job descriptions, roles & responsibilities of a typical manufacturing facility
 - b. Explain the leadership structure of a manufacturing facility
 - c. Describe human resources and support available within the work environment
 - d. Gain insight into industry products, services and customer base
2. Analyze the culture of a manufacturing work environment
 - a. Explore how people work together that makes up inner working teams
 - b. Evaluate the mission and values of an organization and how those playing to its culture
 - c. Examine the safety protocols and reporting polices that support healthy work cultures
3. Evaluate the overall employee engagement in the work environment
 - a. Explore company's approach to employee engagement
 - b. Examine company highlights, news, special events and awards
 - c. Evaluate overall work environment

Big Ideas and Essential Questions

Big Ideas

- Knowledge of the broad field of manufacturing
- Examine the work environment for proficiency and productivity
- Infuse course base knowledge with real life work experience
- Utilize the resources and tools available for appropriate application of skills

Essential Questions

- Why is researching a company prior to applying or accepting a position important?
- How do you find resources and get questions answered within the company?
- What impact does company culture have on the work environment?
- Where does a company rank in comparison to other similar companies with regard to product and service?
- Who is responsible for safety and reporting safety issues?

- When and how should a company share with their employees to promote employee engagement?

Effective: Fall 2022