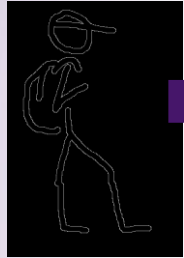


# IEEE E-Week:Twin Cities Engineering

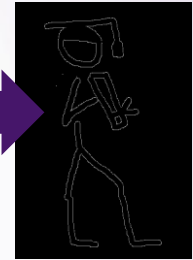
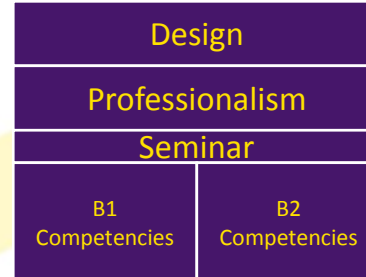
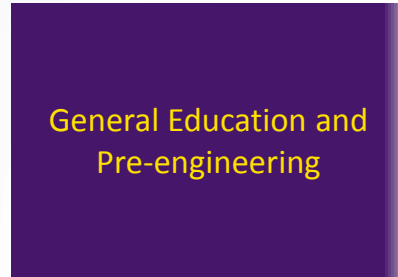
Rob Sleezer  
Associate Professor  
Twin Cities Engineering Program

21 February 2023

# Bachelors of Science in Engineering Pathway



Military Service  
On the Job Experience  
Hobbies



A stylized yellow flame graphic with three main upward-pointing tongues, set against a background of faint, concentric white circles on a light purple gradient.

Design

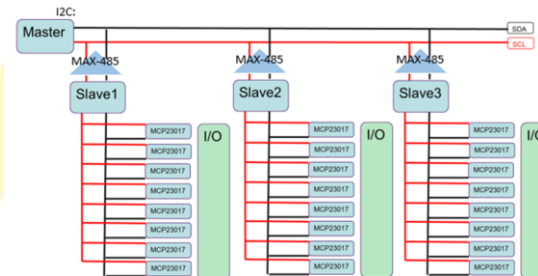
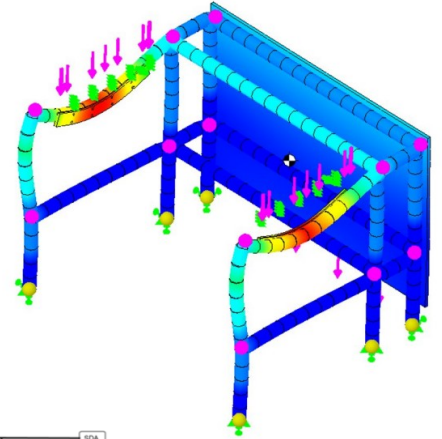
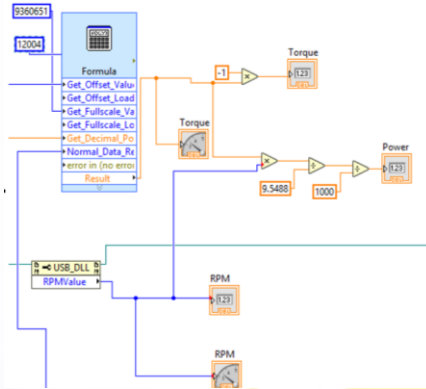
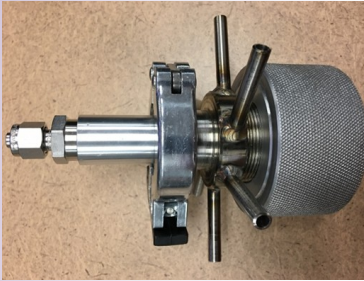
Professionalism

Seminar

B1  
Competencies

B2  
Competencies

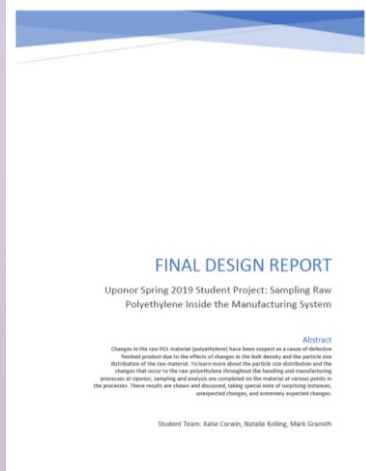
# Design



# Professionalism



“We do not learn from experience...we learn from reflecting on experience.”  
—John Dewey

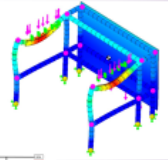


# Seminar

## Design



Year	2007	2008	2009	2010
Design	100	100	100	100
Manufacturing	100	100	100	100
Marketing	100	100	100	100
Finance	100	100	100	100
HR	100	100	100	100
IT	100	100	100	100
Legal	100	100	100	100
Operations	100	100	100	100
Product Development	100	100	100	100
Quality Control	100	100	100	100
Customer Support	100	100	100	100
Supply Chain	100	100	100	100
Research & Development	100	100	100	100
Sales	100	100	100	100
Training	100	100	100	100
Compliance	100	100	100	100
Security	100	100	100	100
Environmental	100	100	100	100
Health & Safety	100	100	100	100
Public Relations	100	100	100	100
Government Relations	100	100	100	100
Investor Relations	100	100	100	100
Media Relations	100	100	100	100
Community Relations	100	100	100	100
Partnerships	100	100	100	100
Acquisitions	100	100	100	100
Divestitures	100	100	100	100
Restructuring	100	100	100	100
Bankruptcy	100	100	100	100
Reorganization	100	100	100	100
Spinoffs	100	100	100	100
Acquisitions	100	100	100	100
Divestitures	100	100	100	100
Restructuring	100	100	100	100
Bankruptcy	100	100	100	100
Reorganization	100	100	100	100
Spinoffs	100	100	100	100



MINNESOTA STATE UNIVERSITY MANKATO

## Professionalism



MINNESOTA STATE UNIVERSITY MANKATO

**Design**

**Professionalism**

**Seminar**

**B1**

**Competencies**

**B2**

**Competencies**

# Technical Competencies

6 Credits

Mechanical Core

6 Credits

Electrical Core

4 Credits

Engineering Core

16 Credits

Technical Electives



# Earning a Focus

Broad Focus	ME Focus	EE Focus	Other Focus
Electives (16)	ME Advanced Core (2) ME Electives (12) Technical Electives (2)	EE Advanced Core (2) EE Electives (12) Technical Electives (2)	Negotiated Electives (14) Technical Electives (2)
At Least Two Projects In Area of Focus			