

# Finding Information

Sit with your team  
Access your Google site

# State of the Art Review

- Know what current solutions are
- Know current industry practice
- Know where the academic research is

# Sources

- Reference books
- Vendor catalogs
- Academic literature
- Experts
- Trade magazines
- Patents

# The UMN Libraries: Still Relevant

<http://lib.umn.edu/>

# How to Read a Data Sheet

Case study: How long will a LiIon battery power a 3.3 V sensor?



Sparkfun LiIon battery, Microchip MCP1700  
LDO regulator

# Free Help

- Applications Engineers
- Faculty

Hint: Get up to speed first!

# Asking Faculty Experts

Hey Will,  
Can our team come by  
about our project?

Professor Durfee,  
I am with the ME4054  
team that is revising the  
take-home lab kits for  
ME3281. My team has  
questions about PICchip  
microcontrollers for the  
project. Would you be  
available for a brief  
meeting to help us?

Chris Spartz

# Acceptable Fact-Finding Deliverables

- Technical memo
- 3-in-5
  - A five-minute presentation that uses three slides

No other form of deliverable should be allowed