

Capstone I TEMPLATE  
(20 minutes including Q&A)

An estimation of the time to spend on each item is provided.

**Be at the classroom 5 minutes prior to the start times** – presentations will start at times shown below

Thursday, March 21 FMH 203

Team	Advisor	Project	Team	Time
1	Kayaalp/Collins	Instrumented Bovi	Cisneros, Andres M; Martinez, Josue Gael; Pansare, Nishit; Thibodeau, Dakota; Zukowski, Paul	10:00 AM
2	Prof. Zhou	Ankle Exoskeleton	Adel, Merna; Ayoub, Christina; Saber, Bishoy; Azer, Kirolos Aboelhamd; Hanna, George Bassem	10:30 AM
4	Prof. Jaffe	Wound Healing Microgel	Gul, Zeynep S; Magno, Tiffany M; Ramesh, Riddhi; Rios, Giselle Caridad	11:00 AM
3	Prof. Buffone	MicroFluidic Device	Ghaly, Clara Atef; Imran, Gulmina; Odza, Sahmet; Villanueva, Ana Elizabeth; Carlos, Theresa Thomas	11:30 AM
5	Prof . Kallioniemi	TMS Headrest	Abdelwahabe, Adam Hatem; Fernandes, Matthew M' Marshall, Dequan Jason; Ruiz, Cesar Alberto; Patel, Darsh Sanjay	12:00PM
6	Prof. Chattaraj	Microtubes	Crudele, Julia; Cuthill, James Robert; Nadella, Snigda; Lorences, Jade; Warang, Ananya Manoj	12:30PM

Files:

1. The Midterm presentation must be either ppt or pptx format.
2. Any videos must be a format that can play on both PC and Apple computer such as mp4 or mov.
3. No PDFs.
4. No links (e.g., no links to the Google Drive, YouTube, etc.).
5. **For all these deliverables make sure that the file name contains your team number.**
6. Use only **zip** (not rar) compression if needed

**Midterm presentations in PPT format to Dr. Schesser and Dr. Collins by 9 pm,  
Wednesday March 20**

1. Product Description ~1/2 min
2. Customer Needs ~1/2 min
3. **Background, Market Research, & Competitive Analysis ~3 min**
  - **Background,**
  - **Market Research,**
  - **Competitive Analysis,**
  - **Societal Factors (Global, Cultural, Environment, and Economic)**
  - **DEIB Analysis**
4. **3 Design Concepts ~3 min**
5. **Evaluation of Designs (How does Selected Design meet Customer Needs) ~3 min**
6. **Description of Components Used in the Final Design ~3min**
7. **Technical Research How Your Design affects Public Factors (Health, Safety, and Welfare) ~3 min**
8. High Level Schedule (Best Estimates) (Highlight time critical items) ~1 min
9. Budgets (Highlight the most costly components) ~1 min
10. Roles & Responsibilities ~1/2 min
11. Show References and take questions ~3 min