

EECS Day (Fri. April 14, 2023) Preparation



**The journey is almost over
and you'll jump soon**

EECE404 Senior Design II
Electrical Engineering and
Computer Science
Howard University

Instructor: Dr. Charles Kim

EE Day → ECE Day → EECS Day (from 2017)



- **1st EECS Day - 2017**
- **2nd EECS Day – 2018**
- **3rd EECS Day – 2019**
- *** 2020 – 2021 cancelled due to Corona Virus**
- **4th EECS Day – 2022**
- **5th EECS Day - 2023**

Toward the Goal Line

Date	Activities
T 3/21/2023	<ul style="list-style-type: none">Lecture on “Final Presentation Slide Format”, and Demo set-up
T 3/28/2023	<ul style="list-style-type: none">Progress Presentation III
T 4/4/2023	<ul style="list-style-type: none">Continuous Progress & Improvement
T 4/11/2023	<ul style="list-style-type: none">Final class presentation (rehearsal) with Final Slide FormatDemo
F 4/14/2023	<i>EECS Day – Formal Presentation and Demonstration</i>



EECS Day Event Format (F) 4/14/2023)

5th EECS Day Schedule (2023) @ Innovation Center

8:30 – 9:00am: Registration and Breakfast

9:00 – 9:15am: Welcome and Overview (CEA Dean Anderson)

9:15 – 11:45am: Design Project Presentation (EE/CpE + CS)

12:00 – 1:00pm: Lunch

1:00 – 1:45pm: Keynote Speech

1:45 – 2:15pm: Project Demonstration

2:15 – 3:00pm: Awards

3:00 pm: Adjourn

3:15pm: JUMP! (?)



EECS Day Event Format

9:15 – 11:45am: Design Project Presentation (EE/CpE + CS)



- Each team has 25 minutes
- 15 - 20 min presentation
(running video clips helps)
- 5 - 10 min Q&A



EECS Day Event Format

1:45 – 2:15pm: Project Demonstration



- Active interaction with visitors
- Use computer or monitor screen as poster board
- Expect to entertain the visitors for 10 minutes

ECE Day Grading – by external visitors

- Grading focus/rubric
 - The project's problem/need and design requirements are clearly presented
 - Presentation slides, with legible texts and good visuals, are helpful in understanding the content
 - Presenters face the audience and speak professionally in confidence
 - Mixed audience

Final Presentation Slide Format (15 - 20 minutes)

- 1. Cover (1 slide) [00:00]**
 - Title and Members & faculty advisor & date
- 2. Problem Definition (1 – 2 slides) [01:00]**
 - Background
 - Problem Statement
- 3. Design Requirements (1 - 2 slides) [03:00]**
 - Refined Problem Definition
 - Design Requirements: emphasis on **constraints and rules and regulations**
- 4. Solution Design (1 – 2 slides) [05:00]**
 - Explanation of the final solution design with schematics and diagrams
- 5. Implementation Process (5 - 10 slides) [8:00]**
 - Assigned tasks (by sprint) for solution implementation
 - **Photos, screen shots, circuit diagrams**, etc, etc.
 - Testing of the integrated system
 - **Video clips**
- 6. Conclusions (1 slide) [15:00]**
 - Crisp and clear summary of the presentation

Presentation Visuals - Revisited

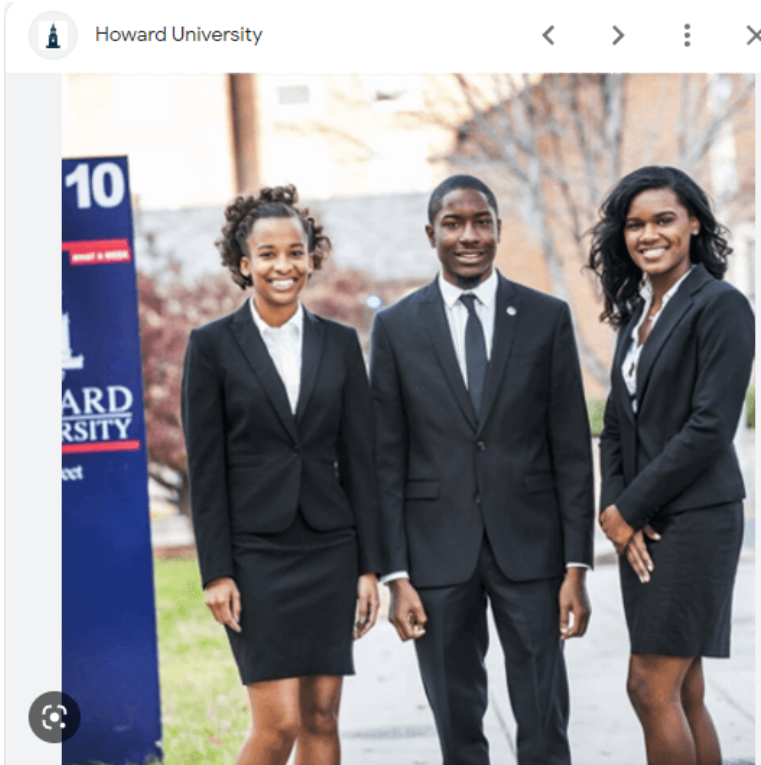
- Slides for Presentation Assistance
 - One nice figure is better than a thousand words.
 - Discrete, not continuous: **Bullet Items (no complete sentences)**
 - Much more visually-oriented
 - Make a slide design simple and crisp
 - No uppercase all the time

Team Presentation - Revisited

- Plan ahead and do practice, a lot.
- Decide Position and Roles in advance
 - how you will position yourselves
 - what they will do while another member is speaking?
- Make sure that
 - Everyone in the group is doing his/her share
- Q&A
 - Make sure you understand the question
 - Knowledgeable humility is the best ally



Dress Code



Homepage | Howard University School of Business

[Visit](#)



Dress Code

- (T) April 11 Dress Rehearsal Presentation
 - **Business casual**
 - **Business**

- (F) April 14 EECS Day
 - **Business**

Summary

Date	Activities
T 3/28/2023	<ul style="list-style-type: none"> Progress Presentation III Due: Socially Responsible Engineering assignment
T 4/4/2023	<ul style="list-style-type: none"> Continuous Progress & Improvement
T 4/11/2023	<ul style="list-style-type: none"> Final class presentation (rehearsal) with <u>Final Slide Format</u> Demo
F 4/14/2023	EECS Day – Formal Presentation and Demonstration
T 4/18/2023	<ul style="list-style-type: none"> Normal Class on “Final Report” & “Peer Evaluation”
T 4/25/2023	<ul style="list-style-type: none"> Submission of all

