



# CSCI 101

## Connecting with Computer Science

### Group Assignment



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2020 Fall Semester (S3)

# Overview

- Focus: CS
- Readings: None
- Core Ideas:
  1. Group Information and Schedule
  2. Topic Discussion. You can ask me about your topic in class today.

# Group Info

- Statistics:
  - 3 students requested to be assigned  
They will form **G1**
  - 2 students did not submit their proposal  
They will form **G5**
  - 25 students have formed their own 9 groups
  - Most popular topics
    - Most popular: Social Media Influence on Public Opinions
    - Second most popular: Impact of Social Media usage on Mental Health

# Group Info

- It is very hard to make everybody happy, please understand my decisions were not easy
- Early presentations (29 Oct) receive a slight bonus
- Quality above all else!
- What happens if our group falls apart?
  - I will not be your judge. This will cost you time (and probably marks).

# Schedule

- Week 8 (**29 Oct 2020**) Cloud Computing
  1. Open Education (**G6**)
  2. Impact of Social Media usage on Mental Health (**G3**)
- Week 9 (**5 Nov 2020**) Artificial Intelligence
  3. Brain Computer Interface (**G10**)
  4. Robotics in Human Society (**G4**)
  5. Is there any problem with the 3 laws? (**G11**)
- Week 10 (**12 Nov 2020**) Digital Art
  6. VR, AR, and Sixth Sense Technologies (**G7**)
  7. Swarm Intelligence (**G8**)
  8. Effect of Streaming Services on the Music/Motion Picture Industry (**G5**)
- Week 11 (**19 Nov 2020**) Computerised Society
  9. Privacy (**G2**)
  10. Cybercrime Events That The World Will Never Forget (**G12**)
  11. Social Media and Public Opinion (**G1**)

# Others

- Post your slides on M\$ Teams before the day of presentation
- I will post my comments there as well

# 1. Online Open Education

- Open Education
  - Offline
  - Online
- History, Advancement, Quality, Recognition, Future
- The role of computers
- How does it compete against traditional full-time and part-time education?

## 2. Impact of Social Media usage on Mental Health

- You need to read A LOT OF papers from medical journals
  - Focus on the ones with High Citations
- Use the reference list in the papers



# 3. Brain Computer Interface

- There are existing survey papers on BCI
  - Invasive BCI
  - Non-Invasive BCI
  - Human BCI Training

## 4. Robotics in Human Society

### 5. Is there any problem with the 3 laws?

- Read about current advancement in Robotics research
- Read papers discussing problems in AI
- Make a valid argument

**That's all for today. Happy Midterm Week!**