

### PHPM 631 Group Presentation: Innovative Technology in Healthcare

**Due date: Submit presentation on E-campus by 11:59pm Sunday AFTER presentation week**

**Midpoint due date: email by 11:59pm Sunday 1/27**

**Submission.** Submit on E-campus by 11:59pm the day before the class they are due.

1. Midpoint email (5 points): by Sunday
  - Submit an email to Dr. Kum with the following (1 per group, cc other members)
    - Tentative topic
    - List of team members (name, role & email)
    - Presentation date requested (list three in priority)
2. Assignment (75 points)
  - 20 minute presentation (see requirements below) 5 minute Q &A
3. Submit final slides (15 points): by one week after presentation
  - Submit final slides on E-campus (one per team)
4. Submit Team Evaluation (5 points): by one week after presentation
  - Submit on E-campus/Assignments/Group Presentation Team Evaluation (individual work)

**Late Assignments:** This assignment is not eligible for a LATE assignment due to the class schedule. Your group must present on the day you are scheduled.

#### Guideline for assignment grading (10%)

- Midpoint Check Email (5 points) – Remember to email (1 per group, cc other members).
- Presentation (80 points)
  - 70% (56 points): Bad (√ --) *Did NOT follow all instructions*
  - 80% (64 points): Reasonable (√ -) *Followed all instructions*
  - 90% (72 points): Good (√) *Followed all instructions, and did good work*
  - 100% (80 points): Great (√ +) *Followed all instructions and did great work*
- Final Slides (15 points) – 1 per group
- Team Evaluation (5 points)

#### Objective

By the end of this assignment, you should be able to

- Articulate one innovative use of technology in health care and describe its importance and impact
- Work well as a team

#### Group Presentation: Innovative Technology in Healthcare

This presentation is meant for you to learn to work in groups to research, learn, and describe one innovative technology in healthcare. There are three submission requirements, the first of which is **due by the second week of class**. See the submission section on top for deliverables. In this section, we describe the requirements

#### **Recommended Action Plan**

1. Form a group of three people you will work with **this week**
2. Meet to discuss and select one topic & desired data to present on **this week**
3. Discuss what date you want to make the presentation on (pick three and prioritize). See the syllabus for detailed schedule of presentations (section: Assignments & Exam Schedule).
4. EMAIL the instructor as discussed in the submission section above (BY second week of class)
5. WAIT to get confirmation from the instructor about final presentation date and topic.
6. Prepare a 20 minute presentation, present on the assigned date, and submit final slides (one week after presentation)

### Requirements for the Presentation

1. Identify and describe the fundamental technology being used in plain language
2. Describe the innovative technology application in healthcare to a lay person
3. Describe the importance of the fundamental technology being used to healthcare
4. Describe the impact of the healthcare application
5. Discuss the groups opinion on its potential
6. Three points to remember for hospital managers
7. End with an acknowledgement of all sources of your information and the role/contribution of each group membe
8. IF you choose to include a video, you must note the total time. You are only allowed up to 1 minute of video time.

### Grading

1. 5 points for midpoint email: all (submitted on time) or nothing
2. 75 points for presentation – Instructor Assessment & Peer Review
  - a. Peer review: Your classmates will fill out an evaluation form on your presentation
    - How well was the technology described in the presentation ?
    - How well did the presentation discuss the relevance and impact of the technology on health care?
    - How well did you understand the three take aways for hospital managers?
  - b. The conversion of the scale to a percentile is the standard used in the class (see above)
3. 15 points for the final slides: graded on a scale of 1(Did not follow all instructions) to 4 (Great)
4. 5 points for team evaluation (individual assignment): **Each person must work along and submit their own team evaluation** (E-Campus/Assignments/Group Presentation Team Evaluation) to include the following. You are not allowed to share this with anyone else.
  - a. For each team member list name, role, evaluation on a scale of 1 (Bad) to 4 (Great), and brief explanation of why you gave the score
  - b. If video was included in the presentation, the total time

### Example Topics from Previous Semester

1. 3D Printing in Health Care
2. Enterprise Data Warehouse Presentation
3. Decision Support Software
4. Telemedicine
5. IoT