Dongseo University
Global Studies Institute
Future Technology, Future Job
2016-2 Semester

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Classroom:
Class Time:
Office Hours:

Course Description:

This course is designed to give students an understanding innovations and how they will affect people's behavior at work and in their daily life.
- This course will particularly focus on how new trends would people's behavior at work and in their daily life.
- This course will particularly focus on what this means for future jobs.
- This course consists of different activities which include the presentation of material by the lecturer, exercises associated with the textbook, audio-visual presentation, critical analysis, and individual presentations.
- Special attention will be given to understanding how these trends affect daily life.

Course Goals & Objectives:
At the conclusion of this course, the successful (passing) students will be able to:

- Teach students what future technological trends exist now, and how they will change society.
- Help students to become more effective in making decisions about your education and career, and spotting new trends as they arise.
- Refine students' oral and communication skills.

Course Outline:

Week		Description
1	**1**	Introduction
	2	Chapter 1: Future of the Computer
2	**1**	Chapter 2: The Future of AI
	2	Presentation Tips, Working on Presentations
3	**1**	Chapter 3: The Future of Medicine
	2	Printing a Kidney, Prosthetic Arm
4	**1**	Chapter 4: Nanotechnology

	2	A Very Dry Demo, Body Language, Presentations
5	1	Chapter 5: The Future of Energy
	2	Electric Cars, Future Cities
6	1	Midterm Review Chapters 1-3
	2	Midterm Review Chapters 4-5
7	1	Midterm Exam
	2	Chapter 6: Future of Space Travel
8	1	Mid-Term Week
	2	Chapter 6: Future of Space Travel;
9	1	Elon Musk Future of Space Travel; Working on Presentations
	2	Working on Presentations
10	1	Chapter 7: The Future of Wealth; Working on Presentations
	2	Working on Presentations
11	1	Chapter 8: The Future of Humanity; Working on Presentations
	2	Bill Joy: What I'm Worried About, Finishing Presentations
12	1	Chapter 9: A Day in the Life in 2100, Navigating Our Global Future
	2	Presentation Finalization
13	1	Navigating Our Global Futures
	2	Presentation Finalization and Practice, Presentation Delivery
14	1	Presentation Delivery
	2	Review Chapters 6-9; Exam Review
15	1	Makeup Week/Exam Review
	2	Makeup Week/Exam Review
16	1	Final Week
	2	Final Week

Textbook(s)
Required Text: *Physics of the Future: How Science Will Shape Human Destiny and Our Daily Lives by the Year 2100* by Michio Kaku
- You can get the textbook from where you normally get them.
- You can also get the book online. It will take you a few minutes to download it.
- Note: If you download the Amazon Kindle application to your smartphone at https://play.google.com/store/apps/details?id=com.amazon.kindle successfully FIRST, you can THEN obtain an e-copy of the book at Amazon.com at: http://www.amazon.com/Physics-Future-Science-Shape-Destiny-ebook/dp/B004FGLX2Y/ref=sr_1_1?s=digital-text&ie=UTF8&qid=1401757527&sr=1-1&keywords=physics+of+the+future .

- You can also download the Amazon Kindle application to your PC, netbook, or tablet at http://www.amazon.com/gp/feature.html?docId=1000426311 .
- The current price for the textbook on Amazon is $14.99 US dollars. You MUST have a credit card that works online to purchase the book this way.
- If you buy the book online, you MUST bring your smartphone to EVERY class.

Class Website: e-Class

Course Assignments & Grading:

Attendance	20%
Class participation	20%
20 minute presentation	20%
Midterm exam	20%
Final exam	20%

Presentations:
- You and your group will be delivering a 20-minute presentation on ONE of the chapters or trends in the book. EACH GROUP MUST CHOOSE A DIFFERENT CHAPTER OR TREND.
- You will work on and practice this presentation together.
- Each person must speak the same amount of time. So, if there are 4 members of your group, each person must speak for 5 minutes total during the presentation.

Grading Policies:

Rubric for Presentation
Outstanding: 4 points
Very Good: 3 points
Just Okay: 2 points
Unacceptable: 1 point

- Eye Contact: Has excellent eye contact with audience; makes everyone feel connected
- Clear Speech: Voice is clear and projected to the back of the room, but is not too loud
- Effectively Gives Information: All of the information is complete and clear; lots of charts and graphs
- Clear Introduction, Body, Conclusion : Very clear introduction, body, and conclusion
- Use of Gestures and Intonation: Uses gestures and voice to engage audience

Course Policies: Much of the work will be done in-class. We will be using Google Docs, which will allow you to work with your teammates both in and and out class.

Attendance: If you are too sick to walk, stay home. Otherwise, come to class. If you miss a class, you let your teammates down.

Academic Misconduct Policy: I will teach you to have a Resources page at the end of your project. Never cut and paste anything from a web site. Use your own words and state on the Resources Page where the information came from. Anything else is a form of stealing called *plagiarism*, and you will receive a failing grade if you plagiarize anyone else's work. Cheating on a test will also give you a failing grade on that test.