


Marmara University, 2020

Modelling and Discrete Simulation

Introductory Information

Mujdat SoyTURK, Ph.D.
Associate Professor




- Syllabus
- Book information
 - (1) Banks, Carson, Nelson, Nicol, *Discrete-Event System Simulation*, 5th Edition, Pearson 2010

Recommended:


 - (2) Lawrence M. Leemis and Stephen K. Park, *Discrete-Event Simulation: A First Course*, Prentice Hall, 2006
 - (3) Michael Pidd, *Computer Simulation in Management Science*, 5th Edition, Wiley, 2004

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- Course website ([instructor's website](#))
- http://mimoza.marmara.edu.tr/~mujdat.soyturk/courses/ie3081_2020_Fall.html
 - Announcements, and
 - password to access instructors resources (e.g. slides)
 - (will be shared in class)

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- Teaching Assistant
 - Muhammed Nur Avcil
 - Office: MB342
 - Tel: 216-777-3546

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- Assessment
 - Quizzes
 - 1 midterm exam
 - 1 Project + Homeworks
 - Final exam

– Homeworks are scheduled on Mondays.


– Please check the course webpage for updates.

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Homework Submissions

- Homeworks, projects and project reports will be submitted via **turnitin** account.

 <http://www.turnitin.com/>
- Each student will have an account for **turnitin**
- Each homework will be evaluated considering both technical content and ethical issues e.g. plagiarism

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Simulation Tool for the projects

- AnyLogic (*use the latest version*)
- <http://www.anylogic.com/downloads>


1. Please download the latest version from the website below depending on the platform you will use.
<http://http://www.anylogic.com/downloads>
2. Please follow the instructions for the activation.
<http://http://www.anylogic.com/downloads>

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- Supplementary Materials
 - book webpage www.bcnn.net
 - excel examples
 - codes

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- Attendance
 - is a requirement.
 - sign the attendance list
 - For excused absences, the student must provide an explanation to the instructor and supply supporting evidence.
- Not a “distance learning” course.

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- Cell phones should be switched-off.
 - In all lectures and exams.
- Bring your calculators in the exams.
 - Cell-phones are not allowed.
 - Exchange of calculators is not allowed.

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- Office hours
 - Monday 13:00 – 13:50
 - Tuesday 14:00 – 14:50
- E-mail addresses
 - Only submit to
 - mujdat.soyuturk@marmara.edu.tr
 - Use email account of Marmara University.
 - All communication will be through email.

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