


Marmara University, 2021

Modelling and Discrete Simulation


Introductory Information

Mujdat Soy Turk, 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_2021_Fall.html))
- http://mimoza.marmara.edu.tr/~mujdat.soyturk/courses/ie3081_2021_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: M2-201
 - Tel: 216-777-3546 (TBC, subject to change due to the relocation)

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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

- Thursday 09:00 – 10:50
- Friday 11:00 – 12:50

• E-mail addresses

- Only submit to
 - mujdat.soyturk@marmara.edu.tr
- Use email account of Marmara University.
- All communication will be through email.

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