



# Discrete-Event System Simulation BLM4590

---

**Yrd. Doç. Dr. Sırma Yavuz**

**[sirmayavuz@gmail.com](mailto:sirmayavuz@gmail.com)**  
**[sirma@ce.yildiz.edu.tr](mailto:sirma@ce.yildiz.edu.tr)**



# Required Text

---

- “Discrete-Event System Simulation”
- 5<sup>th</sup> Edition
- Jerry Banks/John S. Carson/  
B. L. Nelson/D. M. Nicol



# SCHEDULE

Discrete-Event System Simulation BLM4590		
Week	Date	Content
1	19.02.2015	Introduction
2	26.02.2015	Basic Principles of Simulation
3	05.03.2015	Simulation Examples
4	12.03.2015	General Simulation Principles
5	19.03.2015	No Class
6	26.03.2015	Statistical Models in Simulation
7	02.04.2015	Queueing Models
8	09.04.2015	Midterm Exam
9	16.04.2015	Random Number Generation
10	23.04.2015	Holiday
11	30.04.2015	Random Variate Generation
12	07.05.2015	Input Modelling
13	14.05.2015	Midterm Exam
14	21.05.2015	Verification, Calibration and Validation
15	28.05.2015	Review



# EXAMS

---

- Midterm 1 - %30
- Midterm 2 - %30
- Final - %40