

Syllabus for
cmpe557 Complex Systems

3 (3+0+0) ECTS 6

2017 Spring

Catalog Definition

Complexity, self-organization, emergence, chaotic systems, complex adaptive systems, nonlinear systems, models for complex systems.

Web Site

<http://www.cmpe.boun.edu.tr/courses/cmpe557>.

General Information

Instructor: [Haluk O. Bingol](#)
TA: none
Student TA: none
Course Schedule: TTT 678 @BM B3
PS Schedule: none

Grading

Midterm:	25 %
Final (Project):	40 %
Student evaluations:	10 %
Attendance and Contributions:	10 %
Questions:	15 %

Text Book

No text book. Papers.

Reference Books

- Modeling Complex Systems, 2e; Boccaro; *Springer*, 2010; [Q295 .B59 2004].