

BLM– Advanced Computer Networks

by
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Contact

- **Contact info**

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- **When to contact**

- e-mail first,
- take an appointment

- **What to expect**

- help on your problems about the course and your projects
- you should have “**spent some time**” on it !!!

Yıldız Technical University - Department of Computer Engineering

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General Information

- **Lecture Hours:**

- Friday between 14:00-17:00 @ D-

- **Materials:**

- Presentations
 - <https://www.ce.yildiz.edu.tr/personal/cihan/file>
- Publications
 - Accessible through library's reverse proxy
 - Check at <http://www.ktp.yildiz.edu.tr/ktp/38/Uzaktan-Erişim>



Course Outline

- **Computer Networks (optional)**

- OSI Reference model, routing, transport protocols

- **Wireless sensor networks**

- constraints, mac protocols, routing protocols, cross layer approach

- **M2M communications & IoT**

- requirements, use cases, traffic model, IP integration

- **Telecom networks**

- 2G, 3G, 4G, and 5G



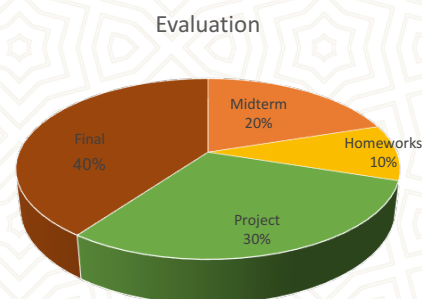
Course Outline

- **Vehicular networks**
 - challenges, mac layer, routing layer, security
- **SDN**
 - application layer, control layer, infrastructure layer
- **Project presentations**
 - 2/3 weeks



Grading Policy (Tentative)

- **One midterm**
 - 8th week
- **Homeworks**
 - a few
- **One term project**
- **One final exam**



Please Do NOT !!!

- try to take credit for work done by someone else.
- reuse the same work for more than one class.
- use any resource not permitted by the instructor during an exam.
- communicate with an another person during a test.



Otherwise

- the least severe sanction, getting a zero grade on the exam or assignment.
- Any time I do this the student may ask to be judged by the honor court instead, and I will grant that request!

