

# BLM 2031 – Structural Programming - Syllabus

Structural Programming  
by  
Z. Cihan TAYSI



## 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 !!!

*Yildiz Technical University - Department of Computer Engineering*

22.2.2015



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## General Information

- **Lecture Hours:**

- Tuesdays between 09:00-12:00 @ D-106

- **Lab Hours:**

- Tuesdays 17:00 - 19:00
- The schedule will be announced. Please check webpage at <https://www.ce.yildiz.edu.tr/personal/cihan>

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## Course Outline

- **Review of “Introduction to Computer Engineering II” course**

- data types, control flow, and so on...

- **C preprocessor**

- **Storage classes**

- scope & duration

- **Arrays**

- Strings, multi-dimensional arrays, pointers

- **Dynamic memory allocation**

- multi-dimensional

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## Course Outline cont'd

- **Functions**
  - parameter passing, return values
  - recursion
  - function pointers
- **Structures**
  - structures, unions
  - linked lists
- **FILE I/O**
  - high level operations
  - file descriptors, low level functions



## Course Material

- **Lecture notes**
  - slides available at [www.ce.yildiz.edu.tr](http://www.ce.yildiz.edu.tr)
- **Web resources**
  - Always make reference to resources !
- **Book**
  - Darnell P. A. and Margolis P. E., C: A Software Engineering Approach, 1996 (3<sup>rd</sup> edition)





## Grading Policy

- **Two midterms**

- 8<sup>th</sup> week
- 13<sup>th</sup> week

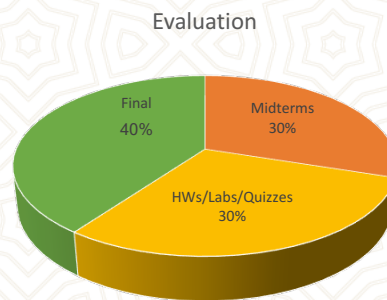
- **Homeworks**

- a few

- **Labs**

- at least 4

- **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!