

## CE 344 MATERIALS OF CONSTRUCTION

2011-2012 Second Semester, (web page: [www.ce.metu.edu.tr/~ce344](http://www.ce.metu.edu.tr/~ce344))

Instructors	Office	Sec.	Schedule
Dr. Mustafa Tokyay	K1-230	1	Mon. 10:40-12:30 (TH4) Wed. 09:40-11.30 (TH1)
Dr. İsmail Özgür Yaman	K1-251	2	Mon. 10:40-12:30 (DR2) Wed. 09:40-11.30 (TH2)
Dr. Lütfullah Turanlı	K1-232	3	Tue. 08:40-10:30 (CS1) Thu. 10:40-12.30 (TH8)
Dr. Sinan T. Erdoğan	K1-231	4	Tue. 08:40-10:30 (DR2) Thu. 10:40-12.30 (DR2)

Teaching Assistants	Office
S. Bahadır Keskin S. Melek Yılmaztürk Murat Şahin	Materials of Construction Laboratory Materials of Construction Laboratory K1-235

### TEXT BOOK (\*)

T.Y. Erdoğan, Materials of Construction, ODTÜ, Ankara, 2010

### REFERENCES (\*)

1. A.M. Neville, Properties of Concrete, Pitman Pub., London, 1981.
2. A.P. Mills, H.D. Hayward, L.F. Rader, Materials of Construction, Their Manufacture and Properties, Wiley, New York, 1955.
3. M.L. Gambhir, Concrete Technology, Tata McGraw-Hill Pub. Co., New Delhi, 1986.
4. N. Jackson, Civil Engineering Materials, Macmillan, London, 1976.
5. S. Mindess and J.F. Young, Concrete, Prentice-Hall, Englewood Cliffs, NJ.
6. T.Y. Erdoğan, Admixtures for Concrete, ODTÜ, Ankara, 1997.
7. T.Y. Erdoğan, Beton, ODTÜ, Ankara, 2003 (in Turkish).
8. T.Y. Erdoğan, Sorular ve Yanıtlarıyla Beton Malzemeleri, THBB, İstanbul, 2005 (in Turkish).
9. W.H. Taylor, Concrete Technology and Practice, American Elsevier Pub. Co., New York, 1969.
10. P.K. Mehta, P. J. M. Monteiro, Concrete: Microstructure, Properties, and Materials, McGraw-Hill Professional, 2005.

(\*) Available in the METU library

### TENTATIVE GRADING

Two Midterms (~ 20 % each)	Laboratory Reports (~ 10 %)
Quizzes (~ 10 %)	Final examination (~ 40%)

### IMPORTANT NOTES

- Lab attendance is **compulsory**. Lab reports of students who did not attend the lab session **will NOT be accepted**.
- Students are responsible for checking the webpage regularly for announcements.