

ISTANBUL TECHNICAL UNIVERSITY * INSTITUTE OF INFORMATICS
INFORMATICS IN ARCHITECTURE NON-THESIS PROGRAM

COMPUTER APPLICATIONS IN ARCHITECTURE
2006-2007
SCHEDULE

Credit/Hours : 3 (3,0)
Prerequisite : BIL101-BIL101E
C/E : Compulsory
Days and Hours : Monday, 10:00-13:00
Class : ???
Instructors : Prof.Dr. Alaattin Kanoğlu, Assist. Prof.Dr. Yüksel Demir

Week	Topics	Methods/Submiss.
18.09.2006	Introduction	Theory
25.09.2006	Basic concepts of IS and IT, Components of IS and IT, Information requirements of architects and various professionals in building production process, Categories of computer applications in architectural practices	Theory
02.10.2006	Design-related computer applications; 2D CAD, 3D CAD, 4D CAD, etc.,	Theory
09.10.2006	Applications for development of software models for AEC industry, Database development software	Theory
16.10.2006	Applications for development of web-based models.	Theory + Assignment-01
23.10.2006	Holyday	
30.10.2006	Management-related computer applications; project management concepts, Project planning and programming applications, Integrated packages.	Theory + Assignment-02
06.11.2006	Determination and development of term project proposals.	Theory + Practice
13.11.2006	Submission and presentation of research project proposals, evaluation.	Theory + Practice
20.11.2006	Development of term projects – Midterm Exam	Theory + Practice
27.11.2006	Development of term projects	Theory + Practice
04.12.2006	Development of term projects	Theory + Practice
11.12.2006	Development of term projects	Theory + Practice
18.12.2006	Development of term projects	Theory + Practice