

Masonry

Course Introduction:

Course Syllabus
Course Schedule
Online Resources

Prof.
Dr.-Ing. Peter von Bülow pvbuelow@umich.edu

Höchst Entrance Hall
Arch: Peter Behrens
Photo: Eva Kröcher



University of Michigan, TCAUP

Masonry

Slide 1 of 4

Course Organization

Lectures:

TuTh 10:30 – 12:00

Resources:

TMS 402

Masonry Structures, by Hamid

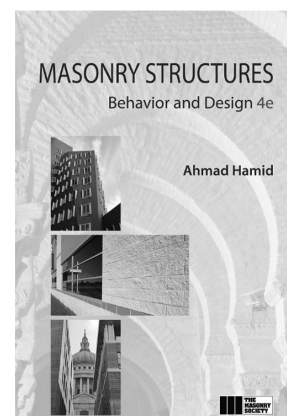
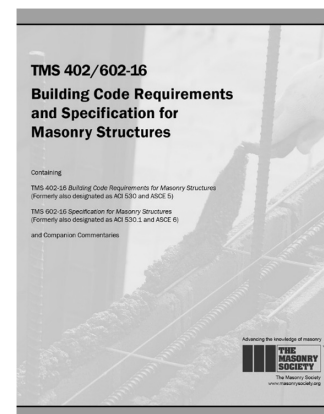
Masonry Design and Detailing, by Christine Beall

Evaluation:

Topic Quizzes	50%
HW problems	35%
Project	15%

Website:

<http://www.frames.tcaup.umich.edu/>



University of Michigan, TCAUP

Masonry

Slide 2 of 4

Course Organization

Lectures:

TuTh 10:30 – 12:00

Resources:

TMS 402

Masonry Structures, by Hamid

Masonry Design and Detailing,
by Christine Beall

Evaluation:

Topic Quizzes	50%
HW problems	35%
Project	15%

Website:

<http://www.frames.tcaup.umich.edu/>

DATES	TOPICS	Reference	Quizzes & HW Problems
Aug 27 Aug 29	Course Intro. Segmented Shell		
SEP 3 SEP 5	Historic Masonry Historic Masonry	MS-Ch1 MS-Ch1	Quiz 1 Quiz 2
SEP 10 SEP 12	Contemporary Masonry Clay Masonry	MS-Ch2 MS-Ch4.2-3	Quiz 3 Quiz 4
SEP 17 SEP 19	Concrete Masonry Mortar, Grout and Reinforcement	MS-Ch4.4-6 MS-Ch4.7-9	Quiz 5 Quiz 6
SEP 24 SEP 26	Construction Practice & Detailing Veneer and Cavity Walls	MS-Ch15 MS-Ch11-12	Quiz 7 Quiz 8
OCT 1 OCT 3	Connectors and Anchors Prism making	MS-Ch13	Quiz 9
OCT 8 OCT 10	Detailing and Design Examples Detailing and Design Examples	Guest Guest	
OCT 15 OCT 17	***** FALL STUDY DAY ***** Empirical Design	FALL STUDY DAY ***** FALL STUDY DAY *****	FALL STUDY DAY ***** FALL STUDY DAY *****
OCT 22 OCT 24	Unreinforced Masonry Reinforced Masonry	MS-Ch6 MS-Ch6	Quiz 10 Quiz 11 & HW 1
OCT 29 OCT 31	Flexural Walls Prism testing	MS-Ch7-8	Quiz 12 & HW 2 Quiz 13
NOV 5 NOV 7	Loadbearing Walls Loadbearing Walls	MS-Ch8 MS-Ch8	Quiz 14 Quiz 15 & HW 3
NOV 12 NOV 14	Columns and Pilasters Columns and Pilasters	MS-Ch9 MS-Ch9	Quiz 16 Quiz 17 & HW 4
NOV 19 NOV 21	Shear Walls Shear Walls	MS-Ch10 MS-Ch10	Quiz 18 Quiz 19 & HW 5
NOV 26 NOV 28	Video ? ***** THANKSGIVING RECESS*****	THANKSGIVING RECESS***** THANKSGIVING RECESS*****	THANKSGIVING RECESS *****
DEC 3 DEC 5	Project Presentations Project Presentations		

Course Website under construction...



MICHIGAN
Architecture

Masonry Structures
Contact

ContactScheduleLecturesExercisesProjectProblems

Masonry Structures Website - Arch 504

Professor Peter von Buelow, Dr.-Ing.

Taubman College of Architecture and Urban Planning
University of Michigan
2000 Bonisteel Blvd.
Ann Arbor, MI 48109
USA

tel. +1 734 763 4931
fax +1 734 763 2322

pvbuelow@umich.edu

Office hours:
by appointment

