

# Masonry

Tu-Th 10:30 – 12:00

## Course Introduction:

Course Syllabus  
Course Schedule  
Online Resources

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Höchst Entrance Hall  
Arch: Peter Behrens  
Photo: Eva Kröcher



## Course Organization

### Lectures:

TuTh 10:30 – 12:00

### Resources:

TMS 402

*Masonry Structures*, by Hamid

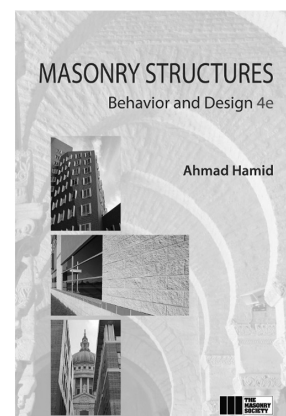
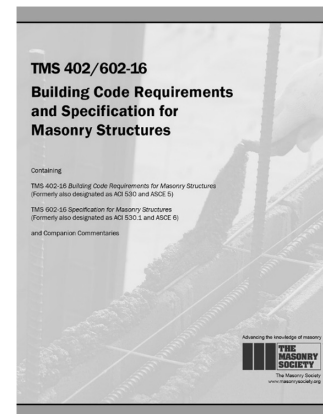
*Masonry Design and Detailing*, by Christine Beall

### Evaluation:

Topic Quizzes	45%
HW problems	40%
Project	15%

### Website:

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



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DATES	TOPICS	Reference	Quizzes & HW Problems
Aug 26	Course Intro. Historic Masonry pt1	MS-Ch1	
Aug 28	Historic Masonry pt2	MS-Ch1	
SEP 2	Contemporary Masonry	MS-Ch2	
SEP 4	Masonry Units	MDD-Ch3	Quiz 1
SEP 9	Clay Masonry	MS-Ch4.2-3	
SEP 11	Concrete Masonry	MS-Ch4.4-6	Quiz 2
SEP 16	Mortar, Grout and Reinforcement	MDD-Ch3	
SEP 18	Masonry Accessories	MDD-Ch4	Quiz 3
SEP 23	Masonry demonstration?		
SEP 25	Construction Practice & Detailing	MS-Ch15	Quiz 4
SEP 30	Masonry Properties	MDD-Ch5	
OCT 2	Expansion and Contraction	MDD-Ch6	Quiz 5
OCT 7	Empirical Design	MDD-Ch14	
OCT 9	Unreinforced Masonry	MDD-Ch14	Quiz 6
OCT 14	***** FALL STUDY DAY *****		
OCT 16	Reinforced Masonry	MDD-Ch14	***** FALL STUDY DAY *****
OCT 21	Combined Axial Load and Flexure pt1	MS-Ch8	
OCT 23	Combined Axial Load and Flexure pt2	MS-Ch8-9	Quiz 7
OCT 28	Columns and Pilasters	MS-Ch9	
OCT 30	Shear Walls	MS-Ch10	Quiz 8
NOV 4	Prism making		
NOV 6	Beams and Lintels	MS-Ch6	Quiz 9
NOV 11	Infill Walls and Partitions	MS-Ch11	
NOV 13	Veneer and Cavity Walls	MS-Ch12	Quiz 10
NOV 18	Workmanship and Construction	MS-Ch15	
NOV 20	Trip to Brickworks Supply Center	6556 Whitmore Lake Rd	Quiz 11
NOV 25	Casey Thebolt – repair and restoration ?		
NOV 27	***** THANKSGIVING RECESS *****		***** THANKSGIVING RECESS *****
DEC 2	Prism testing	MS-Ch16	
DEC 4	Connectors and Anchors	MS-Ch13	prism test results

## Course Website under construction...

**M MICHIGAN Architecture** Masonry Structures

Contact

Contact Schedule Lectures Exercises Project Problems

Masonry Structures Website - Arch 504

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