BUILDING ANALYSIS PROJECT

ASSIGNMENT:
For this assignment you will research a building from the attached list. You will construct a model of this building and present it to the class. The purpose of this assignment is to increase your understanding of architecture through detailed study and research of a significant building. This assignment will be developed throughout the semester and will be your culminating activity for this course.

OBJECTIVES:
Upon completion of this assignment students will:

- Have an increased awareness of the variety of architectural information sources located at the COD library and online.
- Develop library research skills to be able to locate, evaluate and use information effectively.
- Create an MLA format bibliography.
- Develop an increased understanding of the history of architecture through a detailed study of a significant building.
- Develop skills to analyze and evaluate architecture within its historical context.
- Learn model making and verbal presentation skills required in the discipline of architecture.

PART A: PRELIMINARY RESEARCH / BUILDING SELECTION

The purpose of this research is to assist you in making your initial selections for your research project. Consult the following online image search engines and/or visit the library to conduct your initial research.

COD Library online research databases: http://www.cod.edu/library/resources/subjectdb/architecture.htm

Great Buildings Online: http://www.greatbuildings.com/
Cities and Buildings Database: http://content.lib.washington.edu/buildingsweb/index.html
Digital Archive of American Architecture: http://www.bc.edu./bc_org/avp/cas/fnart/fa267/
Digital Archive of European Architecture: http://www.bc.edu/bc_org/avp/cas/fnart/arch/
Also try a google image search

Based on the results of your research, choose three of the following buildings that you would be interested in studying for your building analysis. You should select choices that are of interest to you, and that you feel confident in your ability to construct a model of.

Do not rank your choices. I will try to assign everyone one of their choices.

If you do not return this form to me, or communicate your choices to me in some other manner, by the due date, I will assume you have no preference in your assignment.

PART B: RESEARCH / BIBLIOGRAPHY / OUTLINE QUESTIONS

You will complete this portion of the assignment after your building has been assigned and after our class visit to the College of DuPage Library. This portion is critical to the success of your project. You must compile sufficient information and knowledge to construct an accurate, to scale model of your building and prepare a short presentation.

Your research should be compiled in an 8 ½"x11" stapled packet with the following sections:

Section 1 **Cover Page**
including your name, building name, building date, building architect, & short paragraph describing your interest in the building.

Section 2 **Bibliography in MLA format**
Create a bibliography with at least three sources. Consult the COD library guides for creating your bibliography using MLA format: http://www.cod.edu/library/research/citenet.htm You should choose quality sources that you have determined to be credible. The COD library has a guide to assist you in evaluating website resources: http://www.cod.edu/library/research/faq/evalnet.htm
At least two sources must be from books or journals (other than your course textbook) and one source only may be from a website. There are many books on reserve in the library to assist you with this. The sources you choose will assist you in building the model and answering the research questions below.

Section 3 **Research Questions**
You are required to answer the following research questions. The answers to the questions will assist you in preparing your verbal presentation to the class.

- *Who is the architect?*
- *Where and when was the building built?*
- *What is the form, or shape of the building?*
- *What is the function or purpose of the building?*
- *What materials / methods are used for construction?*
- *What makes your building historically significant / meaningful?*
- *How does the building reflect the spirit of the time and place for which it was built? How does it relate historically to other buildings constructed during the same time period? Does is continue a style or trend, or is it significant because it breaks from a style or trend?*
- *What is the meaning of the building? What ideas does it reflect?*

Section 4 **Documentation**

You must fully document your building to be able to construct a model and make your presentation. You will need a combination of plans, photographs, descriptions and discussions. You will not find complete dimensioned drawings of your building. You will need to interpret descriptions and photographs to be able to complete the form. Minimum submission requirements are:

- Research findings / documentation
- Floor Plan and elevation to scale (section drawings to scale if possible)
- 3 overall photographs of the building, more if possible
- Drawings and photographs will be larger than the 8 ½"x 11" format. They should be folded and attached.

Section 5 **Model Plan**

You can build a model which shows the entire building in general or a portion of the building in great detail. Use your research of what is significant about the building to guide your choice.

Submit a written paragraph describing your plan for the construction of your model. Include the relative model materials and proposed scale.

You will meet with the instructor individually to review your Part B submission and affirm your plan for Part C

PART C: MODEL AND PRESENTATION

You are required to present your completed building model to the class. As an accessory to your model, you should prepare a presentation board(s).

Information conveyed in this presentation should include building data, plans, images, and other relevant info. The presentation should be between 5 and 10 minutes, and must address the research questions you answered in part B. Consider using your research questions to create an outline of your presentation. Your presentation must include what is significant about your structure, and how it is a reflection of the time and place for which it was built.

Your presentation board should echo the design concept and architectural ideas you discover in your research project. At minimum you should provide (1) 24"x36" foam core board, professionally composed, including the project information, your information, a photograph of your architect (if possible) and your research findings.

Building Analysis Project Building Selection List

Name _____

	Building	Location	Architect	Date
Prehistoric				
	Stonehenge	Salisbury Plain, UK	Unknown	1800 - 1400 BCE
Egyptian				
	Hypostyle Hall, Temple of Amon	Karnak Egypt	Unknown	1470 BCE
	Palace of Minos	Knossos (Crete)	Unknown	1600 BCE
Greek				
	Temple of Poseidon	Paestum, Italy	Unknown	460 BCE
Roman				
	Baths of Caracalla	Rome, Italy	Unknown	212 - 223
	Flavian Ampitheater (Coloseum)	Rome, Italy	Unknown	72 – 80
	Hadrian's Villa	Tivoli, Italy	Unknown	125 – 135
Early Christian				
	Basilica San Marco	Venice, Italy	Unknown	1063
Renaissance				
	Santa Maria del Fiore	Florence, Italy	di Cambio & Brunelleschi	1296 – 1436
	Ospedale degli Innocenti	Florence, Italy	Brunelleschi	1419
	Pazzi Chapel	Florence, Italy	Brunelleschi	1430
	Tempieto San Pietro	Rome, Italy	Bramante	1504
Enlightenment				
	Cenotaph to Newton	Unbuilt	Boulee	1784
	Altes Museum	Berlin, Germany	Schinkel	1824 – 1830
	Crystal Palace II	Sydenham, UK	Sir Joseph Paxton	1852 – 1854
	Bibliotheque St. Genevieve	Paris, France	Labrouste	1838 – 1850
Early Modern				
	Larkin Company Office Building	Buffalo, New York	Frank Lloyd Wright	1904
	Carson Pirie Scott Store	Chicago, Illinois	Louis Sullivan	1903 – 1904
	La Sagrada Familia	Barcelona, Spain	Gaudi	1882 -
	Shoe Last Factory	Alfeld on the Leine, Germany	Gropius & Meyer	1911
	AEG Turbine Factory	Berlin, Germany	Behrens	1908 – 1909
	Glass Pavilion	Cologne, Germany	Taut	1914
	Unity Temple	Oak Park, Illinois	Frank Lloyd Wright	1904 – 1906
	Einstein Tower	Potsdamn, Germany	Mendelsohn	1919 – 1921
	Shroder House	Utrecht, Holland	Rietveld	1924
	Guggenheim Museum	New York City, New York	Frank Lloyd Wright	1943 – 1959
	La Tourette	Lyon, France	Le Corbusier	1957 – 1960
	Salk Institute	La Jolla, California	Louis Kahn	1956 – 1965
	Crown Hall – IIT Campus	Chicago, Illinois	Mies van de Rohe	1950 – 1956
	Saynatsalo Town Hall	Saynatsalo, Finland	Alvar Aalto	1949 – 1952
	TWA Terminal – JFK Airport	New York City, New York	Saarinen	1956 – 1962
	Exhibition Hall	Turin Italy	Nervi	1948 – 1950
	Milam Residence	Ponte Vedra, Florida	Paul Rudolph	1959 – 1961
	Parliament Building	Chandigarh, India	Le Corbusier	1951 – 1963
Modern / Contemporary				
	Sydney Opera House	Sydney, Australia	Jorn Utzorn	1956 – 1973
	Guild House	Philadelphia	Venturi	1962 – 1966
	Centre Pompidou	Paris, France	Rogers & Piano	1972 – 1976
	High Museum of Art	Atlanta, Georgia	Meier	1983
	Thorncrown Chapel	Eureka Springs, Arkansas	E. Fay Jones	1979
	Domus, La Casa del Hombre	La Coruna, Spain	Isozaki	1995
	Chapel of St. Ignatious	Seattle, Washington	Steven Holl	1994 - 1997

Evaluation Criteria

Part A

Student:
Building

100 Points **Part B**

	5 Points	Section 1	Coverpage
	5 Points	Section 2	Bibliography
	40 Points	Section 3	Research Questions
	40 Points	Section 4	Documentation
	10 Points	Section 5	Model Plan

300 Points **Part C**

	100 Points	Model Quality / Craft
	100 Points	Model Detail / Accuracy
	50 Points	Presentation
	50 Points	Presentation Board