

JHU Department of Civil Engineering

560.141: Perspectives on the Evolution of Structures

Midterm exam description:

The midterm exam, covering all class material up to and including the lecture of the Monday of the week of the exam will comprise three parts:

- Identifications in which you will be asked to identify the name, designer, location, material, form, and approximate date of structures from photographs. You are responsible only for those structures of which an image appears in *The Tower and the Bridge*, (however the image used for the ID may be another image of the same structure)
- Short answers, in which you will be asked to give short analyses of single images or pairs of images. This section may contain images of structures not in *The Tower and the Bridge*, but shown in class, or images of new structures that you would be asked to compare to structures you already know (from the book, or in class).
- An essay, in which you will be asked to prepare a well organized, clearly written, discussion of a structure or set of structures. Images of the structures will be provided. In this section you are asked and expected to draw on the lectures and readings and to support your arguments using structures other than those given, and historical or social background from the readings or lectures.

Study aids and guidelines:

1. Reread *The Tower and the Bridge* and the supplemental readings! Try to identify for each chapter of the book, and for each major section of the supplemental readings, the key arguments put forth or questions asked, and the examples used for illustration.
2. Review your lecture notes and summarize the major players and major structures for each lecture. What were the key points in the lecture, how were they supported? Many of the lectures speak directly to chapters in *The Tower and the Bridge*, as denoted in the syllabus.
3. Exams from 2003 and 2005 are available on the course website (see handouts/readings)
4. Think of some possible essay topics, write questions for them, and compose response essays, at least in outline form. Even if your topic does not appear on the test doing this exercise will be excellent preparation.