

# Homework Page

This page lists the homework exercises assigned for Spring 2013, by Chapter. Homework is due the week after we cover a given chapter/topic in class. This list may change based on the needs of the class. Problem numbers are prefixed by the section in which they occur. "1.6.1" refers to question 1 in section 1.6, for example.

In general, homework questions are of three types:

## General knowledge (C)

These questions ask about general information, what you know, or follow predefined instructions to do something.

## Application, Problem-solving (B)

These questions require you to use acquired knowledge to solve a problem methodically, in which you design the method as well as give the solution.

## Critical Thinking (A)

These questions require you synthesize information and take a fact-based position on some question.

A great way to answer a homework question is to ask yourself which kind of question it is, and then formulate your answer accordingly. The questions for Chapter 2, for example, are dominantly type A, type C, type B(A), type C. The homework is, in many ways, practice for your project documents, which contain all three types.

## Chapter 1

1.6.2, 1.7.1, 1.7.6

## Chapter 2

2.9.2, 2.10.3, 2.10.8, 2.10.9

## Chapter 3

3.6.1, 3.6.3, 3.7.2

## Chapter 4

4.7.5, 4.8.3, 4.8.7, 4.8.9

## Chapter 5

5.8.2, 5.8.4, 5.9.1, 5.9.5, 5.9.9

## Chapter 6

6.9.6, 6.9.7

## **Chapter 7**

7.7.2, 7.7.6, 7.8.1, 7.8.5

## **Chapter 8**

8.10.2, 8.11.1, 8.11.2

## **Chapter 9**

9.5.1, 9.5.3, 9.6.1, 9.6.2

## **Chapter 10**

10.5.3, 10.5.6, 10.5.11, 10.6.1

## **Chapter 11**

11.7.1, 11.7.3, 11.8.1, 11.8.8

## **Chapter 12**

12.7.1, 12.7.3, 12.8.2

## **Chapter 13**

13.6.1, 13.6.3, 13.7.2, 13.7.3

## **Chapter 14**

14.5.2, 14.5.5, 14.6.3, 14.6.5