

This Week in SM311P:1001: Homework, etc.

Homework must be submitted stapled in assignment groupings.

Always attempt to complete the readings before class. You are responsible for reading 10 pages past the current lecture. You may not understand the material completely, but you must read it prior to lecture.

** Problems to submit on the date listed: **

Week of 15 Sep

Monday	Read the web version of VS through page 35
Wednesday:	Read every VS problem statement
	SUBMIT: VS2, VS3, VS4
Friday:	VS5, VS7, VS8

Week of 15 Sep

Monday	**** EXAM I ****
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TERMS & PRINCIPLES TO TREASURE:

- the replacement lemma
- linear dependence
- the definition of the span of a set of vectors
- compare spanning set and basis set for a space
- Gram-Schmidt procedure
- the axioms satisfied by an inner product
- given a vector, compute its inner product with something !

B: => Boas Problem VS: => Vector Spaces Handout Problem