Math 310 – Homework #7 Cover Sheet **name**:

- tutorial, check one: ◯ T9:30; ◯ T10:30; ◯ T11:30; ◯ R10:30; ◯ R11:30; ◯ R12:30.

- begin each problem on a new page & clearly identify each question.
- use words to describe your procedures & to interpret your results.
- put boxes around your final results.
- due on friday 01 november at start of lecture.

question #	CONCEPT keywords & MAIN formula/result
#4.1.16	concept
	result
# 4.2.30	
# 4.2.37/38	
# 4.3.6	
#7.1.15/16	

- problems for submission are indicated in **bold**.
- homework portfolios will also be graded on completeness & presentation (clarity & conciseness).

Section 4.1

- practice: # 5, 6, 9, 10

#16 calculate Wronskian using <u>two</u> different approaches.

Section 4.2

- practice: # 20, 21

#30 organize your presentation around the concepts, NOT the algebra.

#37/38 you may submit <u>one</u> page of Maple output for parts b) and c) of # 38, but please put boxes around the key results as well as a brief explanation the significance of these results.

Section 4.3

- practice: # 5

#6 explain your approach clearly.

Section 4.4

- practice: # 4

Section 7.1

- practice: # 2, 3

#15/16 explain your results.

READING/REVIEW

- sections 7.1 and 7.2 — or your review your linear algebra texts on these topics.