

Credit Hour Calculation

Course Prefix/Number: Math 165 Course Title: Pre-Calculus

Credit Hours: Total: 5 Lecture: 5 Lab: 0

Class meets twice a week for 50 min and twice a week for 75 min (total 125 min) for 15 weeks

Course Component	Average Minutes per Occurrence	Number of Occurrences		Total Hours	
		In	Out	In	Out
Lecture	42 min	44		30.8	
Group/individual problem solving (in-class)	23 min	44		16.87	
Quizzes	65 min	5		5.42	
Review	65 min	5		5.42	
Tests	125 min	4		8.33	
Reading textbook and reviewing notes before beginning homework	60 min		23		23
Homework (textbook based/online)	120 min		23		46
Studying for quizzes	90 min		5		7.5
Studying for chapter tests/working review problems	240 min		4		16
Studying for final	420 min			1	7
Total In-class Course Component Hours:				66.84	
Total Out-of-class Course Component Hours:					99.5

Rationale

- This class meets for $5 \times 50 = 250$ min/week. I assumed for the purpose of my calculations that this meant it met for 65 min four times a week (a slight overestimate in order to make the minutes work out)
- Meeting four times a week for 16 weeks with 2 holidays results in 62 classes

Activity	# of days	Notes
Review	5	4 days to review for each of the chapter tests, 1 day to review for the final
Chapter tests	8	Each of the 4 tests will be given over 2 days
Quizzes	5	----
Lecture/problem solving	44	----
TOTAL	62	----

- Based on previous experience in this type of class, I estimated that a 65 min class would be 42 min of lecture and 23 min of group or individual problem solving
- I have created 23 homework assignments to cover the course material (mostly online homework in MathXL, but supplemented with book problems when appropriate); I estimate that on average it will take a student 2 hours to complete each assignment