

## MTH 126 COURSE INFORMATION SHEET

TEXT: Intermediate Algebra, 7th ed., by J.Kaufmann  
MATHEMATICS DEPARTMENT OFFICE: 120 MM, PHONE: 775-2785

INSTRUCTOR: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

OFFICE: \_\_\_\_\_ OFFICE HOURS: \_\_\_\_\_

**FINAL EXAM DATE AND TIME: Monday, June 8, 3:15p.m. - 5:15 p.m.**

Following is a list of the sections to be covered in each class. The homework assignments (listed immediately after the section) should be completed as soon as the material is covered in class. Do all of the assigned problems. Write out the solutions showing all work, just as you would on a test. It is very important that you do the homework faithfully and carefully since you will have a quiz almost every day that there is a homework assignment due.

QUIZZES: There are five (5) homework problems in each assignment which are underlined and bold-faced. These homework problems should be written up separately from the rest of your homework. Your instructor may choose to collect these problems instead of giving a quiz; your score on these problems will count as the quiz grade. There will be 27 four (4) point quizzes that will come directly from the homework assignments. You may drop your 2 lowest quiz grades.

TESTS: ALL sections of MTH 126 take machine scored multiple choice tests prepared by the mathematics department. \* IN ORDER TO BE ALLOWED TO MAKE UP A MISSED TEST YOU MUST:

1. HAVE A **VALID, DOCUMENTED** EXCUSE!
2. CONTACT YOUR INSTRUCTOR WITHIN 24 HOURS OF THE MISSED TEST.
3. MAKE UP THE TEST WITHIN 1 WEEK OF THE TEST DATE.

GRADING SCALE: The grading scale to be used on quizzes and exams is as follows:

A: 90 - 100    B: 80 – 89    C: 65 - 79    D: 55 - 64    F: < 55

GRADES: 5 tests: 10% each, Average of quizzes: 10%, Final exam: 40%

SUPPLEMENTAL INSTRUCTION (SI): **SI** will be offered several times per week. You are strongly encouraged to attend as many **SI** sessions as possible. If you attend at least 4 **SI** sessions before a test and score less than 65% on the test, you may take a re-test. However, the maximum you may score on a re-test is 65%. ***You must provide your instructor with the dates that you attended SI and you must re-test within 1 week of the original test date.***

MATH LEARNING CENTER: The Math Learning Center is located in 031 Library and is open  
M –TH: 9 – 5:50, F: 9 – 2:50.

CALCULATORS: Only **non-graphing** calculators may be used in MTH 126. Cell phones may not be used on quizzes or exams.

ATTENDANCE: Since mastery of new mathematical concepts depends on mastery of previous concepts, it is essential that you attend every class. Attendance at every class is expected.

**MTH 126 SYLLABUS****CLASS****SECTION PROBLEMS**

Class 1	<b>Introduction</b>	3.2	(1, 4, 7, 10, 13, <u>16</u> , 19, <u>22</u> , 25, 28, 31, 34, 37, <u>40</u> , 43, 46, 49, 52, 55, 58, 61, <u>64</u> , 67, 70, 73, 76, 79, <u>82</u> , 85, 88)
Class 2	QUIZ 1 (over 3.2)	3.4	(31, 34, 37, <u>40</u> , 43, 46, 49, 53, <u>56</u> , 59, 62, 64, 65, 68, 71, 74, 77, <u>80</u> , 81, <u>84</u> , 86, 87, <u>88</u> , 93, 94)
Class 3	QUIZ 2 (over 3.4)	3.5	(1, 4, 7, <u>10</u> , 13, <u>16</u> , 19, 21, <u>24</u> , 27, 30, 33, <u>36</u> , 39, <u>42</u> , 45-55 odd)
Class 4		3.5	(57, <u>60</u> , 63, <u>66</u> , 69, 71, <u>74</u> , <u>76</u> , <u>80</u> )
Class 5	QUIZ 3 (over 3.5)	3.6	(57, 60, 63, <u>66</u> , 69, <u>72</u> , 75, 78, 81, <u>84</u> , 87, <u>90</u> , 93, 99, <u>102</u> , 104, 107)
Class 6	QUIZ 4 (over 3.6)	3.7	(1, 4, 7, <u>10</u> , 13, <u>16</u> , 19, 22, 25, <u>28</u> , 31, 34, 37, <u>40</u> , 43, 46, 49, <u>52</u> , 53)
Class 7	QUIZ 5 (over first part of 3.7)	3.7	(55, <u>57</u> , 59, <u>61</u> , 63, <u>65</u> , <u>67</u> , <u>69</u> )
Class 8	<b>REVIEW FOR TEST 1</b>		
Class 9	<b>TEST 1</b>		
Class 10		4.1	(9, 12, 15, <u>18</u> , 21, 24, 27, <u>30</u> , 33, 36, 39, <u>42</u> , 45, 48, 50, 51, <u>54</u> , 57, 59, 62, 65, <u>68</u> )
Class 11	QUIZ 6 (over 4.1)	4.2	(13, <u>16</u> , 19, <u>22</u> , 25, <u>28</u> , 31, 34, 37, <u>40</u> , 43, <u>46</u> , 49)
Class 12	QUIZ 7 (over 4.2)	4.3	(16, 26, <u>28</u> , 31, 34, 37, <u>40</u> , 43, 46, 49, <u>52</u> , 55, <u>58</u> , 61, <u>64</u> , 66, 67(ad), 68(ade))
Class 13	QUIZ 8 (over 4.3)	4.4	(1, 4, 7, <u>10</u> , 13, <u>16</u> , 19, <u>22</u> , 25, <u>28</u> , 31, <u>34</u> , 36)
Class 14	QUIZ 9 (over first part of 4.4)	4.4	( <u>40</u> , 43, <u>46</u> , 49, <u>52</u> , <u>55</u> , <u>58</u> )
Class 15	QUIZ 10 (over last part of 4.4.)	4.6	(1, <u>4</u> , 7, <u>10</u> , 13, <u>16</u> , 19, 22, 25, <u>28</u> , 31, 34, 37, <u>40</u> , 43)
Class 16	QUIZ 11 (over first part of 4.6)	4.6	( <u>46</u> , <u>49</u> , <u>51</u> , <u>52</u> , <u>54</u> , 55, 59)
Class 17	QUIZ 12 (over last part of 4.6)	4.7	(1, 4, 7, <u>10</u> , 13, <u>16</u> , 19, <u>22</u> , 25, <u>26</u> , 31, 34, 37, <u>40</u> , 43)
Class 18		4.7	(45, <u>46</u> , <u>48</u> , 49, 51, <u>52</u> , 53, <u>56</u> , <u>58</u> )
Class 19	<b>REVIEW FOR TEST 2</b>		
Class 20	<b>TEST 2</b>		
Class 21		5.1	(1, 4, 7, 10, 13, 16, 19, <u>22</u> , 25, 28, 31, <u>34</u> , 37, 40, 43, 46, 49, <u>52</u> , 55, 58, 61, <u>64</u> , 67, 70, 73, <u>76</u> , 79, 82, 84)
Class 22	QUIZ 13 (over 5.1)	5.2	(1, <u>4</u> , 7, <u>10</u> , <u>13</u> , <u>16</u> , <u>19</u> )
Class 23	QUIZ 14 (over first part of 5.2)	5.2	(22, 25, <u>28</u> , 31, 34, 37, 40, 43, <u>46</u> , 49, <u>52</u> , 55, 58, 61, <u>64</u> , 67, <u>70</u> , 73)
Class 24	QUIZ 15 (over last part of 5.2)	5.3	(1, <u>4</u> , 7, <u>10</u> , <u>13</u> , <u>16</u> , <u>19</u> )
Class 25		5.3	(22, 25, <u>28</u> , 31, 34, 37, <u>40</u> , 43, 46, 49, <u>52</u> , 55, 58, 61, <u>64</u> , 67, <u>70</u> , 73)
Class 26	QUIZ 16 (over 5.3)	5.4	(1, 4, 7, <u>10</u> , 13, 16, 19, <u>22</u> , 25, 28, 31, <u>34</u> , 37, <u>40</u> , 43, 46, 49, <u>52</u> )
Class 27	QUIZ 17 (over first part of 5.4)	5.4	(55, <u>58</u> , 61, <u>64</u> , 67, <u>70</u> , <u>73</u> , <u>76</u> )
Class 28	QUIZ 18 (over last part of 5.4)	5.5	(1, 4, 7, 10, 13, <u>16</u> , 19, <u>22</u> , 25, 28, 31, <u>34</u> , 37, <u>40</u> , 43, <u>46</u> , 49, 52)
Class 29	QUIZ 19 (over 5.5)	5.6	(1, 4, 7, 10, 13, 16, 19, <u>22</u> , 25, 28, 31, <u>34</u> , 37, 40, 43, 46, 49, <u>52</u> , 55, 58, 61, <u>64</u> , 67, 70, 73, 75, 76, 77, 80, 83, <u>86</u> , 89, 93-97)
Class 30	QUIZ 20 (over 5.6)		
Class 31	<b>TEST 3</b>		
Class 32		6.2	(1, 4, 7, 10, 13, <u>16</u> , 19, <u>22</u> , 25, 28, 31, <u>34</u> , 36, 40, 43, 46, 49, <u>52</u> , 55, 58, 61, <u>64</u> , 67, 69, 73, 75, 76, 77, 80)
Class 33	QUIZ 21 (over 6.2)		Equations with Rational Exponents – H.W. sheet will be provided -write up <u>#6, #8, #10, #12, #14</u> separately
Class 34		6.3	(16, 19, 22, 25, <u>28</u> , 31, 34, 37, <u>40</u> , 43, <u>46</u> , 50, <u>52</u> , 55, 57, 61, 64-67, 69, <u>72</u> )
Class 35	QUIZ 22 (over 6.3)	6.4	(1, 4, 7, 10, 13, <u>16</u> , 19, <u>22</u> , 27, 28, 31, <u>34</u> , 37, <u>40</u> , 43, 46, 49, 55, <u>58</u> , 61)
Class 36	QUIZ 23 (over 6.4)	6.5	(1, 4, 7, <u>10</u> , 13, <u>16</u> , 19, <u>22</u> , 25, <u>28</u> , 31, <u>34</u> , 36, 40)
Class 37	QUIZ 24 (over first part of 6.5)	6.5	(41, <u>43</u> , 45, <u>47</u> , 49, 51, <u>53</u> , 55, 57, <u>61</u> , 63, 65, 76, 79, <u>80</u> )
Class 38	<b>REVIEW FOR TEST 4</b>		
Class 39	<b>TEST 4</b>		
Class 40		7.1	(1, <u>2</u> , 3, <u>24</u> , 25, <u>26</u> , 27, <u>28</u> , 29, <u>36</u> , 37)
Class 41		7.2	(1, 3, <u>5</u> , 7, 9, <u>11</u> , 13, 15, <u>17</u> , 19, 21, <u>23</u> , 25, 27, <u>29</u> , 31, 33)
Class 42	QUIZ 25 (over 7.2)	7.4	(1, <u>3</u> , <u>5</u> , <u>7</u> , 9, <u>11</u> , 13, <u>14</u> , 15, <u>16</u> )
Class 43		7.4	(17, 19, 21, <u>23</u> , 25, 27, 29, <u>30</u> , 31, <u>32</u> , 33, <u>36</u> , 39, 49, <u>52</u> , 55, 58)
Class 44	QUIZ 26 (over 7.4)	7.5	(1, 4, <u>6</u> , 7, <u>10</u> , 11, <u>14</u> , <u>16</u> , <u>18</u> )
Class 45	QUIZ 27 (over first part of 7.5)	7.5	(19, <u>22</u> , 24, 25, 27, <u>30</u> , 32, <u>34</u> , 35, 37, <u>40</u> , <u>42</u> , 43, 46, 57-65 odd)
Class 46	<b>REVIEW FOR TEST 5</b>		
Class 47	<b>TEST 5</b>		
Class 48	<b>REVIEW FOR FINAL</b>		
Class 49	<b>REVIEW FOR FINAL</b>		
Class 50	<b>REVIEW FOR FINAL**</b>		

\*Underlined, bold-faced questions should be written up separately. Your instructor may choose to collect these problems instead of giving a quiz.

\*\*In the event of missing a class meeting for a holiday or some other unforeseen reason one of the "review for final" days would be omitted.