

## **MAT 142: College Mathematics** **Spring 2012 Course Syllabus**

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<b>Office: PSA 725</b>	<b>Office Hours:</b> <b>9:30 am – 10:30 am Wednesday</b> <b>10:30 am – 11:30 am Thursday</b> <b>9:30 am – 10:30 am Friday</b>

### **Course Schedule**

Class Date	Material Covered	Week of	To Do
January 10	<input type="checkbox"/> Introduction <input type="checkbox"/> 1.1 – Approaching Problems <input type="checkbox"/> 1.2a – Direct Proportions <input type="checkbox"/> 1.2b – Solving with Proportions	1/10 – 1/16	<input type="checkbox"/> Complete Getting Started Badge <input type="checkbox"/> Complete ASU Math Study Consent <input type="checkbox"/> Complete ACES Pre-Test <input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 1/12 at 12 pm in BAC 16) <input type="checkbox"/> Complete Syllabus Quiz <input type="checkbox"/> <b>Schedule Test 1</b> <input type="checkbox"/> <b>Complete by 8 am on 1/16</b> <input type="checkbox"/> 1.1 – Approaching Problems <input type="checkbox"/> 1.2a – Direct Proportions <input type="checkbox"/> 1.2b – Solving with Proportions
January 17	<input type="checkbox"/> 1.3a – Understanding Percents <input type="checkbox"/> 1.3b – Percent Problems <input type="checkbox"/> 1.4a – Unit Conversions <input type="checkbox"/> 1.4b – Conversions in the Real World	1/17 – 1/23	<input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 1/19 at 12 pm in BAC 16) <input type="checkbox"/> <b>Complete by 8 am on 1/23</b> <input type="checkbox"/> 1.3a – Understanding Percents <input type="checkbox"/> 1.3b – Percent Problems <input type="checkbox"/> 1.4a – Unit Conversions <input type="checkbox"/> 1.4b – Conversions in the Real World

January 24	<input type="checkbox"/> 2.1a – Describing Sets <input type="checkbox"/> 2.1b – Cardinality and Special Sets <input type="checkbox"/> 2.2 – Relating Sets	1/24 – 1/30	<input type="checkbox"/> <b>Take Test 1 no later than Friday, January 27.</b> <input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 1/26 at 12 pm in BAC 16) <input type="checkbox"/> <b>Schedule Test 2 Complete by 8 am on 1/30</b> <input type="checkbox"/> 2.1a – Describing Sets <input type="checkbox"/> 2.1b – Cardinality and Special Sets <input type="checkbox"/> 2.2 – Relating Sets
January 31	<input type="checkbox"/> 2.3a – Operations with Two Sets <input type="checkbox"/> 2.3b – Operations with Three Sets <input type="checkbox"/> 2.4a – Two-set Survey Problems <input type="checkbox"/> 2.4b – Three-set Survey Problems	1/31 – 2/6	<input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 2/2 at 12 pm in BAC 16) <input type="checkbox"/> <b>Complete by 8 am on 2/6</b> <input type="checkbox"/> 2.3a – Operations with Two Sets <input type="checkbox"/> 2.3b – Operations with Three Sets <input type="checkbox"/> 2.4a – Two-set Survey Problems <input type="checkbox"/> 2.4b – Three-set Survey Problems
February 7	<input type="checkbox"/> 3.1 – Basic Counting Methods <input type="checkbox"/> 3.2 – Understanding FCP	2/7 – 2/13	<input type="checkbox"/> <b>Take Test 2 no later than Friday, February 10.</b> <input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 2/9 at 12 pm in BAC 16) <input type="checkbox"/> <b>Schedule Test 3 Complete by 8 am on 2/13</b> <input type="checkbox"/> 3.1 – Basic Counting Methods <input type="checkbox"/> 3.2 – Understanding FCP
February 14	<input type="checkbox"/> 3.3 – How Many Ways? <input type="checkbox"/> 3.4 – How Likely?	2/14 – 2/20	<input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 2/16 at 12 pm in BAC 16) <input type="checkbox"/> <b>Complete by 8 am on 2/20</b> <input type="checkbox"/> 3.3 – How Many Ways? <input type="checkbox"/> 3.4 – How Likely?

February 21	<input type="checkbox"/> 3.5 – Combined Events <input type="checkbox"/> 3.6 Working with Conditions	2/21 – 2/27	<input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 2/23 at 12 pm in BAC 16) <b>Complete by 8 am on 2/27</b> <input type="checkbox"/> 3.5 – Combined Events <input type="checkbox"/> 3.6 Working with Conditions
February 28	<input type="checkbox"/> 3.7 – Calculating Expected Value	2/28 – 3/5	<input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 3/1 at 12 pm in BAC 16) <b>Complete by 8 am on 3/5</b> <input type="checkbox"/> 3.7 – Calculating Expected Value
March 6	<input type="checkbox"/> 4.1a – Construction Data Visualizations <input type="checkbox"/> 4.1b – Interpreting Data Visualizations	3/6 – 3/12	<input type="checkbox"/> <b>Take Test 3 no later than Friday, March 9.</b> <input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 3/8 at 12 pm in BAC 16) <input type="checkbox"/> <b>Schedule Test 4</b> <b>Complete by 8 am on 3/12</b> <input type="checkbox"/> 4.1a – Construction Data Visualizations <input type="checkbox"/> 4.1b – Interpreting Data Visualizations
March 13	<input type="checkbox"/> 4.2a – Mean, Median, Mode <input type="checkbox"/> 4.2b – Five-number Summary <input type="checkbox"/> 4.3 – Range and Standard Deviation	3/13 – 3/26	<input type="checkbox"/> <b>NO CLASS ON MARCH 20 due to Spring Break</b> <input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 3/15 at 12 pm in BAC 16) <b>Complete by 8 am on 3/26</b> <input type="checkbox"/> 4.2a – Mean, Median, Mode <input type="checkbox"/> 4.2b – Five-number Summary <input type="checkbox"/> 4.3 – Range and Standard Deviation
March 27	<input type="checkbox"/> 4.4a – The Normal Curve <input type="checkbox"/> 4.4b – Applications of the Normal Curve	3/27 – 4/2	<input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 3/29 at 12 pm in BAC 16) <b>Complete by 8 am on 4/2</b> <input type="checkbox"/> 4.4a – The Normal Curve <input type="checkbox"/> 4.4b – Applications of the Normal Curve

April 3	<input type="checkbox"/> 5.1 – Time is Money <input type="checkbox"/> 5.2 – Interest on Your Interest <input type="checkbox"/> 5.3 – Add-on and Daily Balance Methods	4/3 – 4/9	<input type="checkbox"/> <b>Take Test 4 no later than Friday, April 6.</b> <input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 4/5 at 12 pm in BAC 16) <input type="checkbox"/> <b>Schedule Test 5 Complete by 8 am on 4/9</b> <input type="checkbox"/> 5.1 – Time is Money <input type="checkbox"/> 5.2 – Interest on Your Interest <input type="checkbox"/> 5.3 – Add-on and Daily Balance Methods
April 10	<input type="checkbox"/> 5.4 – The Annuity Formula <input type="checkbox"/> 5.5 – The Amortization Formula	4/10 – 4/16	<input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 4/12 at 12 pm in BAC 16) <input type="checkbox"/> <b>Complete by 8 am on 4/16</b> <input type="checkbox"/> 5.4 – The Annuity Formula <input type="checkbox"/> 5.5 – The Amortization Formula
April 17	<input type="checkbox"/> Review	4/17 – 4/23	<input type="checkbox"/> Complete ACES Post-Test <input type="checkbox"/> <b>Take Test 5 no later than Tuesday, April 24.</b> <input type="checkbox"/> Attend 1.5 hr of tutoring (or lab time on 4/19 at 12 pm in BAC 16)
April 24	<input type="checkbox"/> Review		<b>LAST DAY OF CLASS</b>