

Week	Class 1	Class 2	Class 3
WEEK 1 Jan 5-8	I3E - Trig Modeling HW - Worksheets; Ex I3E #1, 2, 5, 6 (students should also find cosine models); IB Packet #2, 7	I3CI - Trig Identities , HW - Ex I3C.1 #2ad, 3bc, 5 (students should also find the value of tan for all exercises); Ex I3I # #1de, 2agek, 3ac, 4abfghi, 5a, 6bc	I3J - Double Angle Formulae , HW - Ex I3J #1 - 5, 6bdjlqr, 7; IB Packet #4
WEEK 2 Jan 11-15	Trig Equations from a graphing perspective , HW - Worksheets	Trig Equations from a graphing perspective , HW - Worksheets, IB Packet #5, 8	I4ABCD - Intro to Matrices , HW - Ex I4A #1, 3; Ex I4B #1ad, 2c, 3, 6a; Ex I4C #1c, 2d, 6; Ex I4D #1ehi, 2bh, 3c;
WEEK 3 Jan 18-22	Quiz (Trig Functions, Identities, Equations, Radians, Arc Length, Sector Area), Pre-IASAS Swimming and Rugby Students Can Do This Quiz on Wed after school	I4EFG - Matrix Multiplication (by hand and GDC) , HW - Ex I4E.2 #1 - 4; Ex I4F #1bd, 3; Ex I4G #5 - 7, RS I4A #1ghk, RS I4E #3bcd; IB Packet #3, 6	I4HIKL - Inverse Matrices and Systems (by hand and GDC, not applications of Determinants yet) , HW - Ex I4H #2ad, 8acf; Ex I4I #1a, 3ab, 4b, 7; Ex I4K #2a; Ex I4L #5a, 8; IB Packet #2, 7
WEEK 4 Jan 25-29	I4IJ - Applications of Determinants, 3 x 3 determinants by hand , HW - Ex I4H #5; Ex I4I #5ac, 6, 8b; Ex I4J #1agh, 3, 6a; IB Packet #1, 4, 5	Modeling Lesson #1 - Using Matrices to develop models, trig models, also piecewise functions , CW/HW Practice Modeling Assignment (Minor Assessment, Due Class After Test)	Quiz (Matrices) IASAS Students May Be Exempted From This Quiz By Prior Arrangement
WEEK 5 Feb 1-5	Review	Test (Matrices and Trig Functions, Identities, Equations, Radians, Arc Length, Sector Area) IASAS and THIMUN Blocks ABDE students may do this test on Thurs after school	Modeling Lesson #2 - Look at exemplar practice portfolio assignment, I5AB Vectors , HW - Ex I5A.1 #1ad; Ex I5A.2 All; Ex I5B.1 #1acef, #2ac; Ex I5B.2 #1ac, 2b, 4be, 5acef, 6; Ex I5B.3 #1abef, 2de Note: All Ex I5B #1, 2 on graph paper

<p>WEEK 6 Feb 8-12</p>	<p>15CE, 16ABC - Vectors In Component Form, 3-D Vectors, HW - Ex 15C.1 #1bc, 2ade; Ex 15C.2 #1f, 2ef, 3; Ex 15C.3 #1df; Ex 15C.4 #1ace, 2fgh; Ex 15E #1a, 3a, 5ab, 6a, 7a; Ex 16A #1c, 2c, 4a; Ex 16B.1 #2, 3; Ex 16B.2 #2a, 3a, 5a Ex 16C #1h, 2c</p>	<p>Vectors Work Day for previous class, HW -</p>	<p>15D, 16C - Vectors Equations, CW - Ex 15D #1e, 2cd; Ex 16C #4c, 5, 8b Assign Portfolio, HW - Draft Portfolio Working Done but not typed</p>
<p>WEEK 7 Feb 15-19</p>	<p>Portfolio Work Day</p>	<p>15F, 16D - Vector Parallelism, CW - Ex 15F #1, 2; Ex 16D #1, 2, 3a, 4ab, 5</p>	<p>Portfolio Work Day</p>
<p>WEEK 8 Feb 23-26</p>	<p>15G, 16E - Unit Vectors, CW - Ex 15G #1abc, 2ad, 3bc, 4bd, 6a; Ex 16E #1b, 2ab, 3bc, 4d, 5ab</p>	<p>15H, 16G - Scalar/Dot Product, Angle Between Vectors, HW - Ex 15H #1b, 2a, 3a, 4ae, 5a, 6a, 8a, 10a, 12c; Ex 16G #1be, 4, 7, 9, 11d, 13; IB Packet #1, 4, 5, 7</p>	<p>Vector Work Day for previous lesson(s)</p>
<p>WEEK 9 Mar 1-5</p>	<p>Quiz (Vectors #1, Ch 15 and 16), 17AE - Vector and Parametric Equations of Lines, HW - Ex 17A #1ac, 2, 3ab, 4ab; Ex 17E #3, 4 Pre-IASAS students can do this quiz on Wed after school; IASAS "Arts/Culcon" Students Need to do this quiz before they leave</p>	<p>17FG - Lines in Space, HW - Ex 17F #1, 2, 3ad; Ex 17G #1cde; IB Packet #6</p>	<p>17BC - Vectors in Velocity and Motion, HW - Ex 17B #1bc, 2ab, 3ad; Ex 17C #1, 2ad, 3, 4abe, IB Packet #2, 3</p>
<p>WEEK 10 Mar 8-12</p>	<p>18ABD - Intro Stats (Mean, Median, Mode, Q1, Q3, IQR, Boxplot, No Grouped Data) , HW - Ex 18A #3 (no graphs), 4, 5; Ex 18B.1 #1b, 5, 11, 15; Ex 18B.2 #1, 4ab, 6b, 10ab; Ex 18D.1 #1c, 3; Ex 18D.2 #3ac</p>	<p>Quiz (Vectors Apps, Ch 17) Potential Portfolio Feedback Blocks ABDE IASAS "Arts/Culcon" Students Can Do This Quiz on Thurs after school; Pre-IASAS Softball/Track students need to do this quiz before they leave</p>	<p>Review</p>

WEEK 11 Mar 15-19	Test (Vectors) Pre-IASAS Softball/Track students can do this test on Wed after school	18BCD - Grouped and Cumulative Data/Frequency , HW - Ex 18B.3 #5, 6; Ex 18C #4, 6; Ex 18D.2 #7 - 10	Work Day, 18E - Stats Using GDC , Potential Portfolio Feedback, HW - Ex 18E.1 #1; Ex 18E.2 #3 (Set 1 only); IB Packet #
WEEK 12 Mar 22-25	Quiz (One Var Stats) Potential Portfolio Feedback	19ABCDE Probability Review - HW Ex 19A #3; Ex 19B #1; Ex 19C #1, 3, 4; Ex 19D #2, 3; Ex 19E.1 #1 - 3, 5; Ex 19E.2 #1 -3	Holiday/Inservice Blocks A and B should do probability 19FG below:
WEEK 13 Apr 7-9	Holiday	19FG Tree Diagrams, Samping With/Without Replacement - HW Ex 19F #1, 3, 5; Ex 19G #1, 3, 6; IB Packet #	19IJ Venn Diagrams, Conditional Probability - HW Ex 19I #1, 3 - 5, 8; Ex 19J #1, 2, 4, 5, 7, 10
WEEK 14 Apr 12-16	19JK Probability Laws - HW Ex 19J #8, 9; Ex 19K #1 - 3; IB Packet #	29BCD - Discrete Distributions and Expectation (no Std Dev) - HW Ex 29B #1, 2a, 3, 5a, 6a; Ex 29C #1, 2, 5, 8; Ex 29D #1a, 2 (no σ); IB Packet #	Probability Work Day - HW IB Packet #
WEEK 15 Apr 19-23	Quiz (Probability)	Review	Test (Probability and One Var Stats)
WEEK 16 Apr 26-30	Exam Review Potential Portfolio Feedback	Exam Review Potential Portfolio Feedback	Exam Review
WEEK 17 May 4-7	Holiday/Exam Review	Exam Review/Exams	Exams

<p>WEEK 18 May 11-14</p>	<p>Holiday/Exams</p>	<p>Exams or First Lesson for Block H 18FG - Variance and Standard Deviation (Using GDC, no manual calculation), HW - Ex 18F (find variance too!) #1 - 3, 7, 10, 15; Ex 18G #1 - 3</p>	<p>29G - Normal Distribution, HW - Ex 29G.1 #1, 3, 6; Ex 29G.2 (using GDC) #1, 2abc; IB Packet #</p>
<p>WEEK 19 May 17-21</p>	<p>29H - Normal Distribution (using GDC no tables), HW - Ex 29H.1 (using GDC) #2, 3, 4; Ex 29H.2 (using z-values and x-values) #1, 2; Ex 29H.3 #2, 3; IB Packet #</p>	<p>29I - Apps of Normal Distribution, HW - Ex 29I #2, 3, 4, 6, 7, 8; IB Packet #</p>	<p>EXAM FEEDBACK 9A - Binomial Expansion, HW - Ex 9A #1bdh, 2cf, 3b, 4abii, 8a</p>
<p>WEEK 20 May 24-28</p>	<p>9B - General Binomial Expansion, HW - Ex 9B #1ab, 2ad, 3ac, 4b; IB Packet #</p>	<p>Work Day - Normal Distribution & Binomial Expansion, HW - IB Packet #</p>	<p>Quiz (Normal Distribution & Binomial Exp)</p>
<p>WEEK 21 May 31 - Jun 3</p>	<p>Take up norm dist & bin exp quiz, 29EF Binomial Distribution (No σ), HW - Ex 29E #1 - 3, 5, 6, 8; Ex 29E #2, 4, 5 (no σ)</p>		