



**Semester: 1**

**2025 – 2026**

Grade Level		12	Subject: Math For Business	
Teacher(s) Name		Mr. Khaled Al Ajami		
Textbook		Jacques, Mathematics for Economics and Business, 10th Edition		
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug.25 <sup>th</sup>	Aug.29 <sup>th</sup>	Orientation, Grade 11 Revision, Baseline Assessment	
2	Sept. 1 <sup>st</sup>	Sept. 5 <sup>th</sup> 4 Sep Prophet Muhammad's Birthday (Holiday)	Lesson 1.3: Graphs of Linear Equations  Lesson 1.5: Supply and demand analysis	HSF-IF.C.7a
3	Sept.8 <sup>th</sup>	Sept.12 <sup>th</sup>	Lesson 1.7: National income determination	HSA-CED.A.1
4	Sept. 15 <sup>th</sup>	Sept.19 <sup>th</sup>	Lesson 2.1: Quadratic functions	HSF-IF.C.7a
5	Sept.22 <sup>nd</sup>	Sept.26 <sup>th</sup>	Lesson 2.2: Revenue, cost and profit	HSA-CED.A.1–2
6	Sept. 29 <sup>th</sup>	Oct.3 <sup>rd</sup>	Lesson 2.3: Indices and logarithms	HSF-LE.A.2
7	Oct.6 <sup>th</sup>	Oct.10 <sup>th</sup>	Lesson 2.4: The exponential and natural logarithm functions	HSF-LE.A.4
8	Oct.13 <sup>th</sup>	Oct.17 <sup>th</sup>	Lesson 3.2: Compound interest	HSF-LE.B.5
9	Oct.20 <sup>th</sup>	Oct.24 <sup>th</sup> Oct 24 End of Quarter 1	Lesson 3.3: Geometric series	HSA-SSE.B.4

10	Oct.27 <sup>th</sup>	Oct.31 <sup>st</sup>	<b>Lesson 3.4:</b> Investment appraisal	HSF-LE.A.2
11	Nov.3 <sup>rd</sup>	Nov.7 <sup>th</sup>	<b>Lesson 4.1:</b> The derivative of a function	EK LIM-2.C
12	Nov.10 <sup>th</sup>	Nov.14 <sup>th</sup>	<b>Lesson 4.2:</b> Rules of differentiation	EK DER-2. A
13	Nov.17 <sup>th</sup>	Nov.21 <sup>st</sup>	<b>Lesson 4.3:</b> Marginal functions <b>Lesson 4.4:</b> Further rules of differentiation	EK FUN-6. A.3
14	Nov. 24 <sup>th</sup>	Nov.28 <sup>th</sup>	<b>Lesson 4.5:</b> Elasticity <b>Lesson 4.6:</b> Optimisation of economic functions	EK FUN-6. A.3
15	Dec.1 <sup>st</sup>	Dec.5 <sup>th</sup>	<b>Lesson 4.7:</b> Further optimisation of economic functions <b>Lesson 4.8:</b> The derivative of the exponential and natural logarithm functions	LO 2.2.C
16	Jan 5 <sup>th</sup>	Jan 9 <sup>th</sup>	<b>Lesson 5.1:</b> Functions of several variables	HSF.IF.C.7
17	Jan 12 <sup>th</sup>	Jan 16 <sup>th</sup>	<b>Lesson 5.2:</b> Partial elasticity and marginal functions	HSF.IF.C.7
18	Jan 19 <sup>th</sup>	Jan 23 <sup>rd</sup>	<b>Lesson 5.3:</b> Comparative statics	HSF.IF.C.7
19	Jan 26 <sup>th</sup>	Jan 30 <sup>th</sup>	Semester 1 Exams: Jan 22 <sup>nd</sup> to Jan 30 <sup>th</sup>	
Winter Break for Students: Dec 8 to Jan 4				