Dubai International Private School (Al-Quoz)

DIPS, in partnership with parents and community, strives to ensure all students are digitally literate, lifelong learners, productive citizens and nurture their well-being in an inclusive learning environment.

"Empowering Minds, Inspiring Hearts, Shaping the Future"

"تمكين العقول، إلهام القلوب، تشكيل المستقبل"

NEASC Accredited

Semester: 2   **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
20	Feb 2nd	Feb 6th	**Lesson 4.1:** The derivative of a function **Lesson 4.2:** Rules of differentiation	HSF.IF.C.7
21	Feb 9th	Feb 13th	**Lesson 4.3:** Marginal functions **Lesson 4.4:** Further rules of differentiation	HSF.LE.A.1
22	Feb 16th	Feb 20th	**Lesson 4.5:** Elasticity **Lesson 4.6:** Optimization of economic functions	HSF.LE.A.1
23	Feb 23rd	Feb 27th	**Lesson 4.7:** Further optimization of economic functions **Lesson 4.8:** The derivative of the exponential and natural logarithm functions	HSF.IF.C.7
24	Mar 2nd	Mar 6th	**Lesson 5.1:** Functions of several variables **Lesson 5.2:** Partial elasticity and marginal functions	HSF.IF.C.7
25	Mar 9th	Mar 13th	**Lesson 5.3:** Comparative statics	HSN.VM. A.1

26	Mar 30th	Apr 3rd	**Lesson 5.4:** Unconstrained optimization **Lesson 5.5:** Constrained optimization	HSN.VM. C.6
27	Apr 6th	Apr 10th	**Lesson 5.6:** Lagrange multipliers	HSA.REI. C.6
28	Apr 13th	Apr 17th **End of 3d Quarter**	**Lesson 6.1:** Indefinite integration	HSA.REI. D.12
29	Apr 20th	Apr 24th	**Lesson 6.2:** Definite integration	HSA.REI. D.12
30	Apr 27th	May 1st	**Lesson 7.1:** Basic matrix operations **Lesson 7.2:** Matrix inversion	HSF.IF.B.4
31	May 4th	May 8th	**Lesson 7.3:** Cramer's rule	HSF.IF.B.4
32	May 11th	May 15th **Grade 12 Final Exams Start May 13**	Revision	
33	May 18th	May 22nd		
34	May 25th	May 29th		
35	Jun 1st	Jun 5th		
36	Jun 8th	Jun 12th	Jun 11 - Jun 22: Final Exams for Grades 4-11.	
37	Jun 15th	Jun 19th	Jun 11 - Jun 22: Final Exams for Grades 4-11.	
38	Jun 22nd	Jun 26th	Jun 22: Make-up Exam for absent students.	
39	Jun 29th	Jul 3rd	June 30 - July 2: Make-up Exam for failing students.	