PROGRAM SHEET

BACHELOR OF SCIENCE IN ENGINEERING AND MANAGEMENT SCIENCE

(BSEMS)

Catalog 2012-2013

UNIVERSITY CORE CURRICULUM			44 SCH

❖ SSK 1211	Strategic Learning for University Success (*Pre-requisite: Successful completion of at least three Language Center level I courses*)	2 SCH	Met ☐ not Met ☐
❖ SSK 1212	Information Literacy Skills (*Pre or Co -requisite: SSK1211 and all Language Center level II courses except AWT1002*)	2 SCH	Met ☐ not Met ☐
SSK 1213	Critical Thinking and Analysis (*Pre-requisitet: SSK 1212 & ENG1301*)	2 SCH	Met ☐ not Met ☐
*ARB 1310 **or** ARB 1320	Arabic for Academic Purposes Arabic for Communication Purposes	3 SCH	Met ☐ not Met ☐
*FRN 2310 **or** FRN 3310	French for Academic Purposes II Advanced French Writing and Speaking Skills	3 SCH	Met ☐ not Met ☐
COM1301	Communication Through Speaking (*Pre-requisite: ENG 1301*)	3 SCH	Met ☐ not Met ☐
CSC 1401	Computer programming	4 SCH	Met ☐ not Met ☐
ENG 1301	English Composition I (*Pre-requisite: should pass all language models & SSK1212 as Pre or Co-requisite*)	3 SCH	Met ☐ not Met ☐
ENG 2303	Technical Writing (*Pre-requisite: (SSK 1211, SSK 1212, 1213) & ENG 1301 & COM1301*)	3 SCH	Met ☐ not Met ☐
HIS 1301 **or** **HIS 1302(Arb) or** HIS 2301 **or** PSC 2301	History of the Arab World in **English** (*Pre-requisite: SSK 1212*), **or** History of the Arab World in **Arabic**, (*equivalent to HIS 1301*), **or** Contemporary World History (*Pre-requisite: ENG 1301& SSK 1213*) **or** Comparative Political Systems (*Pre-requisite : ENG 1301 & SSK 1213*)	3 SCH	Met ☐ not Met ☐
HUM 2302 **or** **HUM 2303 or** HUM 2301 **or** **HUM 2304 or** LIT2301**or** **LIT 2304 or** LIT 2305	Introduction to the Study of Islamic Civilization in **English** (*Pre-requisite: Sophomore Classification*), **or** Introduction to the Study of Islamic Civilization in **Arabic**), (*Pre-requisite: Sophomore*), **or** Introduction to Islamic Art and Architecture in **English** (*Pre-requisite: Sophomore standing*) Introduction to Islamic Art and Architecture in **Arabic** (*Pre-requisite: Sophomore standing*) Major Works of World Literature (*equivalent to ARB 2305/LIT 2305*) (*Pre-requisite: Sophomore Classification and ENG 1301 & SSK 1213*),*or* Introduction to Arabic Literature (*equivalent to ARB 2304*), **or** Introduction to World Literature **in Arabic** (*equivalent to ARB 2305/LIT 2301*)	3 SCH	Met ☐ not Met ☐
HUM 2305 **or** HUM 2306 **or** PHI 2301 **or** PHI 2302	Science and Society (*Pre-requisite: Sophomore Classification*),*or* Comparative Religion (*Pre-requisite: Sophomore Classification*), **or** Philosophical Thought (*Pre-requisite: ENG 1301 & SSK 1213*), **or** History of Ideas (*Pre-requisite: ENG 1301 & SSK 1213*)	3 SCH	Met ☐ not Met ☐
MTH 1303	Differential & Integral Calculus	3 SCH	Met ☐ not Met ☐
CHE 1401	General Chemistry I	4 SCH	Met ☐ not Met ☐
SOC1301 **or** SSC1310 **or** GEO 1301 **or** PSY 1301	Introduction to Sociology (*Pre-requisite: SSK 1212*), **or** Introduction to Anthropology, (*Pre-requisite: SSK 1212*), **or** Introduction to Geography, (*Pre-requisite: SSK 1212*) **or** Introduction to Psychology (*Pre-requisite: SSK 1212*)	3 SCH	Met ☐ not Met

Notes :

❖ **SSK 1211 & SSK 1212** may be co-requisites for students who finished their LC Level requirements (except AWT 1002) or do not need LC courses (except AWT 1002).

* Arabic and French language requirements: A total of 6 SCH in these languages is a requirement of the UCC. Students take 0-6 SCH of Arabic and/or 0-6 SCH of French, depending on their background.

a- Students holding a Moroccan baccalaureate or having had Arabic as the language of instruction in high school are not required to take Arabic courses (0 SCH). They fulfill the Arabic language requirement by taking one of the following UCC content courses taught in Arabic: HIS1302, HUM 2303, LIT2304, or LIT2305. Language requirement in the UCC should be met by taking French courses depending on the TEF score.

b- Students who have not had Arabic as the language of instruction in high school are required to successfully complete 3-6 SCH depending on the placement test that will determine which Arabic courses (such as ARB1309 , ARB1310, or ARB1320) are needed. A maximum of 6 SCH in Arabic can be counted as fulfilling the UCC language requirement. Any additional credits will not count towards the degree.

- All students are required to satisfy the TEF-B2 level of French, or take the required course(s) to reach the level needed, FRN3310, before graduation. Students will take a placement test which determines the French courses (such as FRN2310) needed to achieve this level of proficiency. A maximum of 6 SCH in French can be counted as fulfilling the UCC requirement. Any additional courses (such as FRN1305 and FRN1308) will not count towards the degree and will be graded on Pass/Fail basis. All students must also pass the French component of the Exit Exam.

** History and Humanities requirement: