



Student Transcript



GPA	Grade
3.27	Very good with honor

The Faculty of Computers and Information Attests that:

Mohamed Adel Mahmoud Ali Hamed

has been awarded the Bachelor of Science in Computers and Information,

specialized in: **Computer Science** In **May** semester Year: **2011**

Degree: **Very good with honor** With total (**144**) credit hours

And the following are his/her grades of the subjects studied in the four years:

General Requirements

12 hour (6 compulsory hours + 6 elective hours)

Code	Course Name	Hours	Total	Grade
Compulsory Subjects 6 hours				
HU 111	English-1	2	80	B+
HU 112	English-2	2	91	A+
HU 313	Human Rights	2	85	A

Code	Course Name	Hours	Total	Grade
Electives Subjects 6 hours				
HU 121	Fundamentals of Economics	3	72	C+
HU 334	Professional Ethics	3	75	B

Main Specialization Requirements

45 hour (30 compulsory hour + 15 elective hour)

Code	Course Name	Hours	Total	Grade
Compulsory Subjects 30 hours				
IT 331	Computer Graphics - 1	3	82	B+
IT 433	Multimedia	3	82	B+
CS 317	Concepts of Programming Languages	3	73	C+
CS 322	Computer Organization	3	62	D+
CS 342	Operating Systems - 2	3	73	C+
CS 352	Software Engineering - 2	3	70	C+
CS 361	Artificial Intelligence	3	81	B+
CS 419	Compilers	3	87	A
CS 498	Project	6	94	A+

Code	Course Name	Hours	Total	Grade
Electives Subjects 15 hours				
IT 441	Image Processing - 1	3	64	D+
CS 395	Selected Topics in Computer Science - 1	3	84	B+
CS 471	Parallel Processing	3	88	A
CS 495	Selected Topics In Computer Science - 3	3	91	A+
IS 312	Database Systems 2	3	77	B
IS 345	Internet Applications	3	90	A+

Faculty Requirements

72 hour (63 compulsory hours + 9 elective hours)

Code	Course Name	Hours	Total	Grade
Compulsory Subjects 63 hours				
HU 122	Fundamentals of Management	3	90	A+
ST 121	Probability and Statistics - 1	3	77	B
IT 111	Electronics - 1	3	65	C
IT 221	Data Communication	3	85	A
IT 222	Computer Networks - 1	3	76	B
IT 223	Internet Technology	3	85	A
CS 111	Introduction to Computers	3	79	B
CS 112	Programming - 1	3	79	B
CS 213	Programming - 2	3	87	A
CS 214	Data Structures	3	96	A+
CS 221	Logic Design	3	63	D+
CS 241	Operating Systems - 1	3	83	B+
CS 251	Software Engineering - 1	3	94	A+
CS 316	Algorithms	3	77	B
MA 111	Mathematics - 1	3	76	B
MA 112	Discrete Mathematics	3	92	A+
MA 113	Mathematics - 2	3	70	C+
PH 111	Physics	3	71	C+
IS 211	Database Systems 1	3	75	B
IS 231	Fundamentals of Information Systems	3	79	B
IS 240	Operations Research	3	77	B

Code	Course Name	Hours	Total	Grade
Electives Subjects 9 hours				
MA 214	Mathematics - 3	3	80	B+
IS 351	Analysis and Design of Information Systems-1	3	70	C+
IS 321	Project Management	3	90	A+

Sub-Specialization Requirements

Code	Course Name	Hours	Total	Grade
15 hour				
IT 433	Multimedia	3	82	B+
IS 312	Database Systems 2	3	77	B
IS 313	Data Storage and Retrieval	3	72	C+
IS 351	Analysis and Design of Information Systems-1	3	70	C+
IS 345	Internet Applications	3	90	A+
IS 352	Analysis and Design of Information Systems-2	3	83	B+
IS 435	Information Centers Management	3	99	A+
IS 451	Decision Support Systems	3	76	B

This Certificate has been given to him/her at his/her request to be presented to whom it may concern without responsibility on part of Faculty with regard to third parties rights.

Graduation Affairs

Mohamed Adel

Head of Dept.

EMAN

General Secretary

Emad said

231 12 / 2019

Acting As Dean

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