

Associate Diploma in Network Administration

Semester 1

Code	Title	Lec	Lab	Cr	Prerequisites
CSA 101	Introduction to IT	2	3	3	-
HIST 122	Modern Bahrain History & Culture	3	0	3	-
ENGLA 111	English Development 1	3	0	3	-
LAW 107	Principles of Human Rights	2	0	2	-
MATHA 111	Applied Mathematics	3	0	3	-
CSA 106	Programming Fundamentals	2	3	3	-
Semester credits		15	6	17	

Semester 2

Code	Title	Lec	Lab	Cr	Prerequisites
CEA 121	Computer Hardware and Software	3	3	4	CSA 101
CEA 122	Network Fundamentals	2	3	3	CSA 101
CEA 123	Introduction to Routing and Switching	3	3	4	CSA 106
ENGLA 112	English Development 2	3	0	3	
CEA 124	Enterprise Network Services	2	3	3	CSA 101
Semester credits		13	12	17	

Semester 3

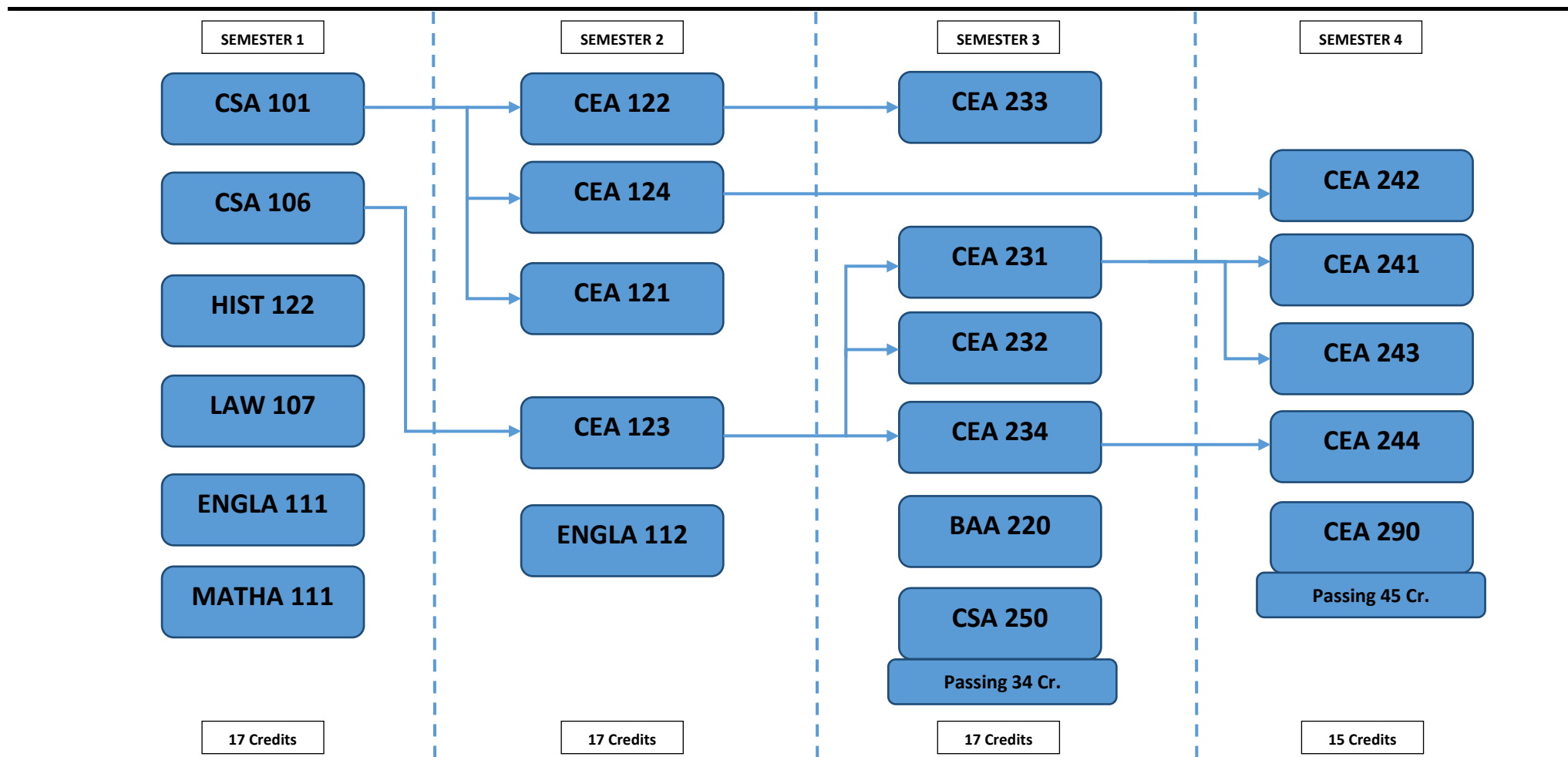
Code	Title	Lec	Lab	Cr	Prerequisites
CEA 231	Routing Protocols	3	3	4	CEA 123
CEA 232	LAN Switching	2	3	3	CEA 123
CEA 233	Introduction to Network Security	2	3	3	CEA 122
BAA 220	Customer Relationship Management	3	0	3	
CEA 234	Wireless Networks	2	3	3	CEA 123
CSA 250	Seminars	1	0	1	Passing 34 credits
Semester credits		13	12	17	

Semester 4

Code	Title	Lec	Lab	Cr	Prerequisites
CEA 241	WAN Technologies	2	3	3	CEA 231
CEA 242	Server Operating Systems Administration	2	3	3	CEA 124
CEA 243	Advanced Routing	2	3	3	CEA 231
CEA 244	Building and Supporting Computer Networks	2	3	3	CEA 234
CEA 290	Technical Project	0	6	3	Passing 45 credits
Semester credits		11	18	15	
TOTAL cumulative credits		52	48	66	

ASSOCIATE DIPLOMA IN NETWORK ADMINISTRATION

DEPENDENCY GRAPH



PROGRAM DESCRIPTION

As the networks grow in complexity so as the need for people who will implement and manage network infrastructure and solutions. A significant skills gap arises when technology outpaces professional skills development. The Associate Diploma in Network Administration has been designed to address these needs. The objective of this program is to produce computer and networking technology graduates who are highly skilled and fully work-ready. The courses in this program contain a balance of current theory and relevant practical skills and help the student prepare for Professional Industry certifications such as Cisco CCENT, CCT and CCNA and Microsoft certifications which are highly accepted and regarded by the industry.

GRADUATION REQUIREMENTS

1. Total Program Credits: 66

2. Duration: Two Years

3. Complete Total Program Credit hours with minimum GPA = 1.5 out of 4.0