

# Associate Diploma in Web and Multimedia Development

## Semester I

Course	Title	Credits	Prerequisite
<b>CSA101</b>	Introduction to IT	2-3-3	--
<b>ENGLA111</b>	English Development 1	3-0-3	--
<b>HIST122</b>	Modern Bahrain History & Culture	3-0-3	--
<b>LAW107</b>	Principles of Human rights	2-0-2	--
<b>MATHA111</b>	Applied Mathematics	3-0-3	--
<b>CSA106</b>	Programming Fundamentals	2-3-3	--
<b>Total Credits</b>		<b>17</b>	
<b>Cumulative Credits</b>		<b>17</b>	

## Semester 2

Course	Title	Credits	Prerequisite
<b>CSA121</b>	Databases Fundamentals	2-3-3	--
<b>CSA126</b>	Introduction to Digital Imaging for Multimedia & Web	2-3-3	--
<b>CSA131</b>	Fundamentals of Web Development	2-3-3	CSA106
<b>CEA122</b>	Networks Fundamentals	2-3-3	CSA101
<b>ENGLA112</b>	English Development 2	3-0-3	
<b>CSA136</b>	Interactivity and Interface Design	2-3-3	CSA101
<b>Total Credits</b>		<b>18</b>	
<b>Cumulative Credits</b>		<b>35</b>	

## Semester 3

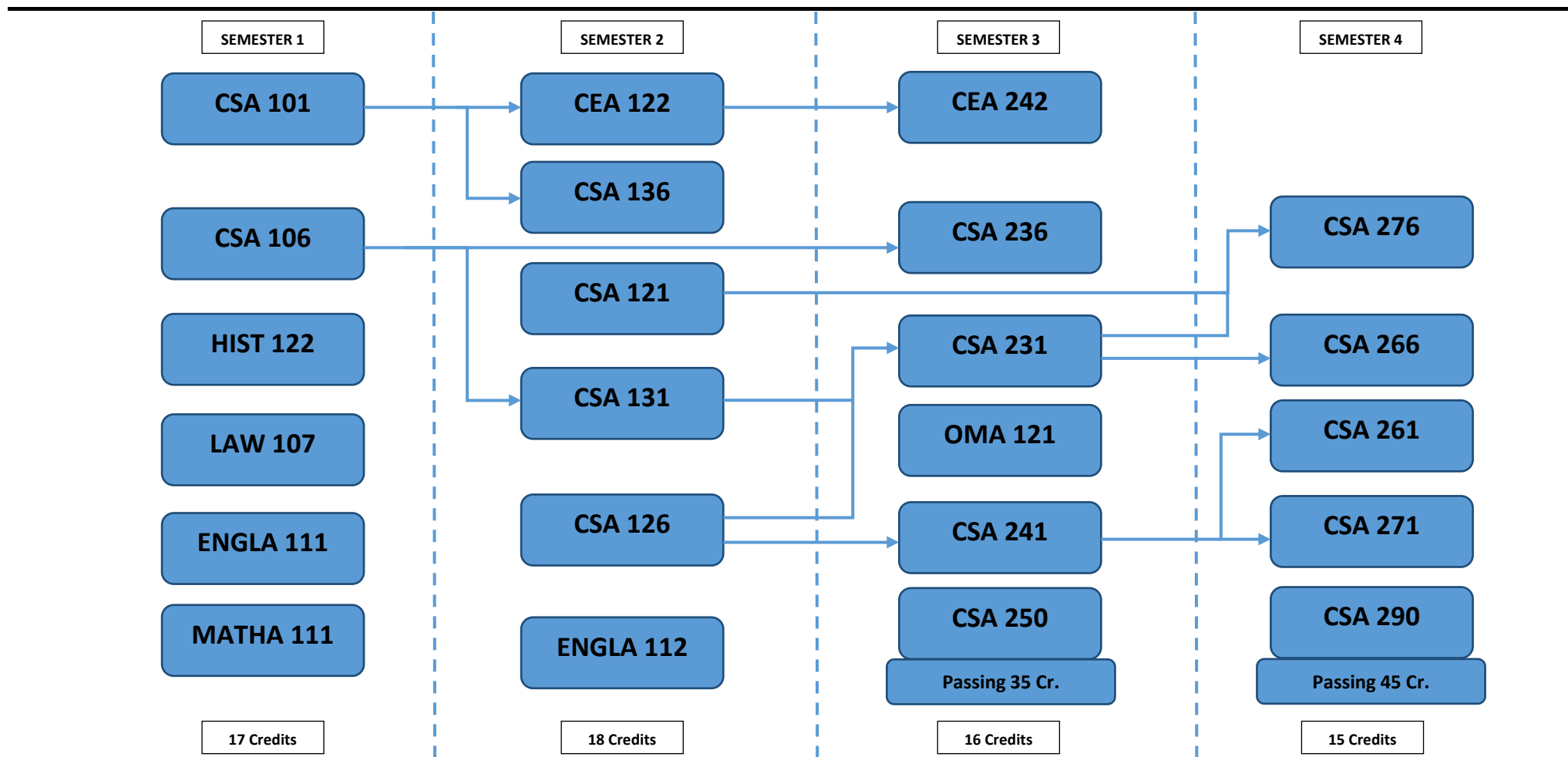
Course	Title	Credits	Prerequisite
<b>CSA231</b>	Web/Mobile Applications Development	2-3-3	CSA126 + CSA131
<b>CSA241</b>	Digital Video and Audio Production	2-3-3	CSA126
<b>CEA242</b>	Server Operating Systems Administration	2-3-3	CEA122
<b>OMA121</b>	Introduction to Business Administration	3-0-3	
<b>CSA236</b>	Programming in PERL	2-3-3	CSA106
<b>CSA250</b>	Seminars	1-0-1	Passing 35 credits
<b>Total Credits</b>		<b>16</b>	
<b>Cumulative Credits</b>		<b>51</b>	

## Semester 4

Course	Title	Credits	Prerequisite
<b>CSA261</b>	Advanced Digital Video and Audio Production	2-3-3	CSA241
<b>CSA266</b>	Web Server Administration	2-3-3	CSA 231
<b>CSA271</b>	Multimedia Animation Tools and Techniques	2-3-3	CSA 241
<b>CSA276</b>	Data Driven Websites & Applications	2-3-3	CSA231 + CSA121
<b>CSA290</b>	Technical Project	0-6-3	Passing 45 credits
<b>Total Credits</b>		<b>15</b>	
<b>Cumulative Credits</b>		<b>66</b>	

# ASSOCIATE DIPLOMA IN WEB AND MULTIMEDIA DEVELOPMENT

## DEPENDENCY GRAPH



### PROGRAM DESCRIPTION

Web has dramatically changed our world. Almost all businesses, governments, and individuals transactions are now in form of web based applications. Successful websites depend on multimedia and interactivity. The Associate Diploma in Web and Multimedia Development has been designed to equip graduates with the knowledge and skills for developing interactive multimedia websites that support the variety of business domains in the market achieving their missions. The objective of this program is to produce web and multimedia 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 CIW, ICDL, 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**