

18 Months Credits Required for Graduation: 72
 Associate of Applied Science (A.A.S.) Degree

2010 – 2011 Revised: 6/10

First Year – Fall Semester

Course Number	Course Title	Clock Hours	Credit
ENG 103	Mechanical Drafting Lab I	84	3
ENG 108	Introduction to Engineering Drawing Theory	42	1.5
ENG 109	Architectural Drafting I Theory	70	2.5
ENG 112	Architectural Drafting I Lab With CAD	140	5
ENG 143	Computer-Assisted Drafting I	84	3
CIS 102	Windows Applications for Technicians	48	3
Total		468	18

Spring Semester

Course Number	Course Title	Clock Hours	Credit
ENG 144	Computer-Assisted Drafting II	84	3
ENG 150	Introduction to Mechanical Theory II	28	1
ENG 151	Theory of Surveying Practice	56	2
ENG 153	Mechanical Drafting Lab II	56	2
ENG 156	Basic Civil Drafting	28	1
ENG 176	Basic Surveying Procedures	84	3
• Selected Communications Course		48	3
• Selected Mathematics Course		48	3
Total		432	18

Second Year – Fall Semester

Course Number	Course Title	Clock Hours	Credit
ENG 203	Applied Civil Mathematics	56	2
ENG 215	Concrete Technology	28	1
ENG 223	Advanced Surveying Procedures	168	6
ENG 229	Advanced Civil Drafting with CAD	168	6
• Selected Behavioral Science Course		48	3
Total		468	18

Spring Semester – Architectural Option

Course Number	Course Title	Clock Hours	Credit
ENG 245	Architectural Drafting II Theory	84	3
ENG 260	Architectural Presentation	42	1.5
ENG 272	Applied CAD II - Architectural	280	10
AED 100	Automated External Defibrillator	14	.5
• Selected Social Science Course		48	3
Total		468	18

Spring Semester – Mechanical Option

Course Number	Course Title	Clock Hours	Credit
ENG 250	Engineering Drawing II Theory	84	3
ENG 261	Mechanical Presentation	42	1.5
ENG 271	Advanced Mechanical Drafting With CAD	280	10
AED 100	Automated External Defibrillator	14	.5
• Selected Social Science Course		48	3
Total		468	18

- Students will select a course in each of the areas to meet general education requirements. Courses marked with an asterisk can be transferred directly to the university system under the terms of articulation agreements. Students should speak with an advisor before selecting transferable courses.

Behavioral Science

[PSYC 100](#) – Psychology of Human Relations
[PSYC 101](#) – General Psychology *

Communications

[COMM 101](#) – Contemporary Communication
[ENGL 101](#) – Composition *
[SPCM 101](#) – Fundamentals of Speech *

Mathematics

[MATH 100](#) – Applied General Math
[MATH 101](#) – Intermediate Algebra
[MATH 102](#) – College Algebra *

Social Science

[ECON 105](#) – Leadership in the Global Workplace
[ECON 201](#) – Principles of Economics I (Micro) *
[ECON 202](#) – Principles of Economics II (Macro) *
[SOC 100](#) – Introduction to Sociology *