

SUGGESTED PLANS OF STUDY
BUSINESS,
COMPUTERS,
ARTS & SCIENCES



Approved: September 2013
 Effective: Fall 2014

Program: Associate in Arts

Hegis Code: 45600
 Datatel Code: AA.ARTS

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ENG	101	English Composition I	3.0	0.0	3.0
Humanities Course (ART, ENG LIT, HIS, PHI, MUS, THE)			3.0	0.0	3.0
Mathematics Course (MAT 103, MAT 110, MAT 120, MAT 165)			3.0	0.0	3.0
Science Course (AST, BIO, CHM, PHS, PHY)			3.0	3.0	4.0
Social Science Course (ECO, PSC, PSY, SOC)			3.0	0.0	3.0
			16.0	3.0	17.0
Second Semester					
ENG	102	English Composition II	3.0	0.0	3.0
Humanities Course (ART, ENG LIT, HIS, PHI, MUS, THE)			3.0	0.0	3.0
Social Science Course (ECO, PSC, PSY, SOC)			3.0	0.0	3.0
Minimum 3.0 hours from Concentration Requirement Area [@]			3.0	0.0	3.0
Minimum 3.0 hours from Other Courses Required Area [@]			3.0	0.0	3.0
			15.0	0.0	15.0
Third Semester					
SPC	205	Public Speaking OR ENG LIT Course	- 3.0	- 0.0	- 3.0
Minimum 6.0 from Concentration Requirement Area [@]			6.0	0.0	6.0
Minimum 6.0 hours from Other Courses Required Area [@]			6.0	0.0	6.0
			15.0	0.0	15.0
Fourth Semester					
Minimum 6.0 hours from Concentration Requirement Area [@]			6.0	0.0	6.0
Minimum 8.0 hours from Other Courses Required Area [@]			8.0	0.0	8.0
			14.0	0.0	14.0
Total Credit Hours					61.0

Total hours - Year One plus Year Two

@Hours may exceed minimum required depending on course selection.

Approved: November 210
Effective: Fall 2011

Program: Associate in Applied Science
Major: Accounting

Hegis Code: 35002
Datatel Code: AAS.ACC

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ACC	111	Accounting Concepts	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			13.0	0.0	13.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
ACC	124	Individual Tax Procedures	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
ENG	156	Communications II	3.0	0.0	3.0
ECO	211	Microeconomics OR	-	-	-
PSC	201	American Government OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
			15.0	0.0	15.0
Third Semester					
ACC	102	Accounting Principles II	3.0	0.0	3.0
ACC	245	Accounting Applications	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
			9.0	0.0	9.0
Fourth Semester					
ACC	120	Federal Income Tax	3.0	0.0	3.0
ACC	201	Intermediate Accounting I	3.0	0.0	3.0
ACC	230	Cost Accounting I	3.0	0.0	3.0
ACC	240	Computerized Accounting	3.0	0.0	3.0
BUS	121	Business Law I	3.0	0.0	3.0
			15.0	0.0	15.0
Fifth Semester					
ACC	150	Payroll Accounting	3.0	0.0	3.0
ACC	202	Intermediate Accounting II	3.0	0.0	3.0
ACC	265	Not-for-Profit Accounting	3.0	0.0	3.0
BAF	201	Principles of Finance	3.0	0.0	3.0
		Elective	1.0	0.0	1.0
			13.0	0.0	13.0
		Total Credit Hours			65.0

Approved: 2003
Effective: Fall 2004

Program: Associate in Applied Science
Major: Administrative Office Technology

Hegis Code: 35007
Datatel Code: AAS.AOT

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
AOT	110	Document Formatting	3.0	0.0	3.0
AOT	133	Professional Development	3.0	0.0	3.0
AOT	165	Information Processing Software	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
AOT	106	Keyboarding Lab I	1.0	0.0	1.0
AOT	134	Office Communications	3.0	0.0	3.0
AOT	143	Office Systems and Procedures	3.0	0.0	3.0
AOT	167	Information Processing Applications	3.0	0.0	3.0
ENG	156	Communications II	3.0	0.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			16.0	0.0	16.0
Third Semester					
AOT	121	Machine Transcription	3.0	0.0	3.0
AOT	137	Office Accounting	3.0	0.0	3.0
AOT	251	Administrative Systems and Procedures	3.0	0.0	3.0
AOT	267	Integrated Information Processing	3.0	0.0	3.0
IST	225	Internet Communications	3.0	0.0	3.0
			15.0	0.0	15.0
Fourth Semester					
AOT	250	Advanced Information Processing	3.0	0.0	3.0
AOT	254	Office Simulation	3.0	0.0	3.0
AOT	265	Office Desktop Publishing	3.0	0.0	3.0
ECO	101	Basic Economics OR	-	-	-
ECO	210	Macroeconomics	3.0	0.0	3.0
		Elective(s)	4.0	0.0	4.0
			16.0	0.0	16.0
		Total Credit Hours			63.0

Approved: October 2012
Effective: Fall 2013

Program: Associate in Applied Science
Major: Administrative Office Technology
Specialization: Paralegal

Hegis Code: 35007
Datatel Code: AAS.AOT.PARLG

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
AOT	110	Document Formatting	3.0	0.0	3.0
AOT	133	Professional Development	3.0	0.0	3.0
AOT	165	Information Processing and Software	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
AOT	106	Keyboarding Lab	1.0	0.0	1.0
AOT	134	Office Communications	3.0	0.0	3.0
ECO	101	Basic Economics OR	-	-	-
ECO	210	Macroeconomics	3.0	0.0	3.0
ENG	156	Communications II	3.0	0.0	3.0
LEG	125	Introduction to the Legal System	3.0	0.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			16.0	0.0	16.0
Third Semester					
AOT	143	Office Systems and Procedures	3.0	0.0	3.0
AOT	267	Integrated Information Processing	3.0	0.0	3.0
BUS	121	Business Law	3.0	0.0	3.0
IST	225	Internet Communications	3.0	0.0	3.0
LEG	120	Torts	3.0	0.0	3.0
			15.0	0.0	15.0
Fourth Semester					
AOT	167	Information Processing Applications	3.0	0.0	3.0
AOT	251	Administrative Systems and Procedures	3.0	0.0	3.0
LEG	213	Family Law	3.0	0.0	3.0
LEG	214	Property Law	3.0	0.0	3.0
LEG	233	Wills, Trusts, and Probate	3.0	0.0	3.0
		Elective	1.0	0.0	1.0
			16.0	0.0	16.0
		Total Credit Hours			63.0

Approved: November 2010
Effective: Fall 2011

Program: Associate in Applied Science
Major: General Business
Specialization: Entrepreneurial

Hegis Code: 35001
Datatel Code: AAS.BUS.ENTSP

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ACC	111	Accounting Concepts	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
BUS	121	Business Law I	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
ACC	124	Individual Tax Procedures	3.0	0.0	3.0
ACC	130	State Tax Procedures	1.0	0.0	1.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	156	Communications II	3.0	0.0	3.0
MKT	101	Marketing	3.0	0.0	3.0
			16.0	0.0	16.0
Third Semester					
ACC	150	Payroll Accounting	3.0	0.0	3.0
AOT	265	Office Desktop Publishing	3.0	0.0	3.0
MGT	120	Small Business Management	3.0	0.0	3.0
MKT	140	E-Marketing	3.0	0.0	3.0
MKT	265	Retailing Strategies and Applications	3.0	0.0	3.0
PSY	201	General Psychology	3.0	0.0	3.0
			18.0	0.0	18.0
Fourth Semester					
ACC	242	Small Business Software	1.0	0.0	1.0
ACC	243	Computerized Spreadsheets	1.0	0.0	1.0
HSS	205	Technology and Society	3.0	0.0	3.0
MGT	121	Small Business Operations	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
MKT	130	Customer Service Principles	3.0	0.0	3.0
MKT	141	Electronics Commerce Strategies	3.0	0.0	3.0
			17.0	0.0	17.0
		Total Credit Hours			67.0

Approved: September 2013
Effective: Fall 2014

Program: Associate in Applied Science
Major: Computer Technology
Specialization: Networking

Hegis Code: 35104
Datatel Code: AAS.CPT.NETWK

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CPT	168	Programming Logic and Design	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	101	English Composition I	3.0	0.0	3.0
IST	188	Hardware Basics and Operating Systems	5.0	0.0	5.0
MAT	110	College Algebra	3.0	0.0	3.0
			18.0	0.0	18.0
Second Semester					
CPT	270	Advanced Microcomputer Applications	3.0	0.0	3.0
ENG	160	Technical Communications	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
IST	220	Data Communications	3.0	0.0	3.0
IST	226	Internet Programming	3.0	0.0	3.0
IST	252	LAN System Manager	3.0	0.0	3.0
			18.0	0.0	18.0
Third Semester					
CPT	230	C# Programming I	3.0	0.0	3.0
CPT	242	Database	3.0	0.0	3.0
IST	253	LAN Service and Support	3.0	0.0	3.0
IST	254	Centralized Network Management	3.0	0.0	3.0
ECO	210	Macroeconomics OR	-	-	-
ECO	211	Microeconomics OR	-	-	-
PSC	201	American Government OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
MAT	165	Statistics	3.0	0.0	3.0
			18.0	0.0	18.0
Fourth Semester					
CPT	264	Systems and Design	3.0	0.0	3.0
IST	221	Advanced Data Communications	3.0	0.0	3.0
IST	260	Network Design	3.0	0.0	3.0
IST	273	Advanced Client/Server Systems	3.0	0.0	3.0
SPC	205	Public Speaking	3.0	0.0	3.0
			15.0	0.0	15.0
		Total Credit Hours			69.0

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Applied Science
 Major: Computer Technology
 Specialization: Programming

Hegis Code: 35104
 Datatel Code: AAS.CPT.PROG

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CPT	168	Programming Logic and Design	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	101	English Composition I	3.0	0.0	3.0
IST	188	Hardware Basics and Operating Systems	5.0	0.0	5.0
MAT	110	College Algebra	3.0	0.0	3.0
			18.0	0.0	18.0
Second Semester					
CPT	212	Visual Basic Programming	3.0	0.0	3.0
CPT	230	C# Programming I	3.0	0.0	3.0
CPT	270	Advanced Microcomputer Applications	3.0	0.0	3.0
ENG	160	Technical Communications	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
IST	226	Internet Programming	3.0	0.0	3.0
			18.0	0.0	18.0
Third Semester					
CPT	231	C# Programming II	3.0	0.0	3.0
CPT	236	JAVA Programming I	3.0	0.0	3.0
CPT	242	Database	3.0	0.0	3.0
ECO	210	Macroeconomics OR	-	-	-
ECO	211	Microeconomics OR	-	-	-
PSC	201	American Government OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
MAT	165	Statistics	3.0	0.0	3.0
SPC	205	Public Speaking	3.0	0.0	3.0
			18.0	0.0	18.0
Fourth Semester					
CPT	244	Data Structures	3.0	0.0	3.0
CPT	264	Systems and Design	3.0	0.0	3.0
IST	220	Data Communications	3.0	0.0	3.0
IST	272	Relational Database	3.0	0.0	3.0
		Elective CPT course	3.0	0.0	3.0
			15.0	0.0	15.0
Total Credit Hours					69.0

Approved: August 2012
Effective: Fall 2012

Program: Associate in Applied Science
Major: General Technology
Specialization: Digital Design-Teleproduction

Hegis Code: 35318
Datatel Code: AAS.GT.DC

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ARV	110	Computer Graphics I	3.0	0.0	3.0
ARV	123	Composition and Color	3.0	0.0	3.0
CGC	278	Typography	3.0	0.0	3.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	101	Beginning Algebra	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
ARV	121	Design	3.0	0.0	3.0
ARV	205	Graphic Illustration	3.0	0.0	3.0
ARV	223	3D Animation	3.0	0.0	3.0
RTV	101	Audio Techniques	3.0	0.0	3.0
RTV	105	Television Studio Operation	3.0	0.0	3.0
SPC	205	Speech	3.0	0.0	3.0
			18.0	0.0	18.0
Third Semester					
ARV	212	Digital Photography	3.0	0.0	3.0
ARV	222	Computer Animation	3.0	0.0	3.0
ARV	227	Web Design I	3.0	0.0	3.0
ECO	210	Macroeconomics	3.0	0.0	3.0
HHS	205	Technology and Society	3.0	0.0	3.0
RTV	103	Field Operations	3.0	0.0	3.0
			18.0	0.0	18.0
Fourth Semester					
ARV	219	Multimedia Techniques	3.0	0.0	3.0
ARV	281	Design II	3.0	0.0	3.0
CGC	226	Advanced Printing	3.0	0.0	3.0
CWE		Cooperative Work Experience	3.0	0.0	3.0
RTV	107	Producing and Directing	3.0	0.0	3.0
			15.0	0.0	15.0
		Total Credit Hours			67.0

Approved: March 2014
 Effective: Fall 2014

Degree: Associate in Applied Science
 Major: General Technology
 Specialization: Digital Design-Marketing

Hegis Code: 35318
 Datatel Code: AAS.GT.DDMKT

			Credit Hours
A. General Education			
ECO	210	Macroeconomics	3.0
* ENG	101	English Composition I	3.0
HHS	205	Technology and Society	3.0
MAT	101	Beginning Algebra	3.0
SPC	205	Public Speaking	3.0
Subtotal			15.0
B. Required Core Subject Areas			
(1) Primary Technical Specialty			
* ARV	110	Computer Graphics I	3.0
* ARV	121	Design	3.0
* ARV	123	Composition and Color	3.0
* ARV	212	Digital Photography	3.0
* ARV	223	3D Animation	3.0
* ARV	281	Design II	3.0
* CGC	278	Typography	3.0
Subtotal			21.0
(2) Secondary Technical Specialty - take 12 credit hours			
* MKT	101	Marketing	3.0
* MKT	140	E-Marketing	3.0
* MKT	141	Electronic Commerce Strategies	3.0
* MKT	250	Consumer Behavior	3.0
Subtotal			12.0
C. Other Hours Required for Graduation			
COL	101	College Orientation	1.0
* ARV	205	Graphic Illustration	3.0
* ARV	219	Multimedia Techniques	3.0
* ARV	222	Computer Animation	3.0
* ARV	227	Web Design I	3.0
* CGC	226	Advanced Printing	3.0
* CWE		Cooperative Work Experience	3.0
Subtotal			19.0
Total Credit Hours			67.0

*Courses in this program that require a minimum grade of "C."

Approved: August 2012
Effective: Fall 2012

Program: Associate in Applied Science
Major: General Technology
Specialization: Digital Design-Marketing

Hegis Code: 35318
Datatel Code: AAS.GT.DI

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ARV	110	Computer Graphics I	3.0	0.0	3.0
ARV	123	Composition and Color	3.0	0.0	3.0
CGC	278	Typography	3.0	0.0	3.0
ENG	101	English Composition I	3.0	0.0	3.0
MKT	101	Marketing	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
ARV	205	Graphic Illustration	3.0	0.0	3.0
ARV	121	Design	3.0	0.0	3.0
ARV	223	3D Animation	3.0	0.0	3.0
MAT	101	Beginning Algebra	3.0	0.0	3.0
MKT	140	E-Marketing	3.0	0.0	3.0
SPC	205	Speech	3.0	0.0	3.0
			18.0	0.0	18.0
Third Semester					
ARV	212	Digital Photography	3.0	0.0	3.0
ARV	222	Computer Animation	3.0	0.0	3.0
ARV	227	Web Design I	3.0	0.0	3.0
ECO	210	Macroeconomics	3.0	0.0	3.0
HHS	205	Technology and Society	3.0	0.0	3.0
MKT	141	Electronic Commerce Strategies	3.0	0.0	3.0
			18.0	0.0	18.0
Fourth Semester					
ARV	219	Multimedia Techniques	3.0	0.0	3.0
ARV	281	Design II	3.0	0.0	3.0
CGC	226	Advanced Printing	3.0	0.0	3.0
CWE		Cooperative Work Experience	3.0	0.0	3.0
MKT	250	Consumer Behavior	3.0	0.0	3.0
			15.0	0.0	15.0
		Total Credit Hours			67.0

Approved: November 2010
 Effective: Fall 2011

Program: Associate in Applied Science
 Major: Management
 Specialization: Fire Science Administration

Hegis Code: 35030
 Datatel Code: AAS.MGT.FRSCI

			Credit Hours
A. General Education			
ECO	210	Macroeconomics OR	-
PSC	201	American Government OR	-
PSY	201	General Psychology	3.0
* ENG	155	Communications I	3.0
ENG	156	Communications II	3.0
HSS	205	Technology and Society	3.0
MAT	101	Beginning Algebra	3.0
		Subtotal	15.0
B. Required Core Subject Areas			
* ACC	111	Accounting Concepts	3.0
* BUS	121	Business Law I	3.0
* CPT	170	Microcomputer Applications	3.0
* MGT	101	Principles of Management	3.0
* MKT	101	Marketing	3.0
		Subtotal	15.0
C. Other Hours Required for Graduation			
COL	101	College Orientation	1.0
* ACC	101	Accounting Principles I	3.0
* ACC	102	Accounting Principles II	3.0
* ACC	150	Payroll Accounting	3.0
* BAF	201	Principles of Finance	3.0
* BUS	101	Introduction to Business	3.0
* MGT	201	Human Resource Management	3.0
		Elective	1.0
*		SC Fire Academy Approved Courses	16.0
		Subtotal	36.0
Total Credit Hours			66.0

*Courses in this program that require a minimum grade of "C."

Approved: November 2010
Effective: Fall 2011

Program: Associate in Applied Science
Major: Management
Specialization: General Management

Hegis Code: 35030
Datatel Code: AAS.MGT.GNMGT

			Credit Hours
A. General Education			
ECO	210	Macroeconomics OR	-
PSC	201	American Government OR	-
PSY	201	General Psychology	3.0
* ENG	155	Communications I	3.0
ENG	156	Communications II	3.0
HSS	205	Technology and Society	3.0
MAT	101	Beginning Algebra	3.0
		Subtotal	15.0
B. Required Core Subject Areas			
* ACC	111	Accounting Concepts	3.0
* BUS	121	Business Law I	3.0
* CPT	170	Microcomputer Applications	3.0
* MGT	101	Principles of Management	3.0
* MKT	101	Marketing	3.0
		Subtotal	15.0
C. Other Hours Required for Graduation			
COL	101	College Orientation	1.0
* ACC	101	Accounting Principles I	3.0
* ACC	102	Accounting Principles II	3.0
* ACC	150	Payroll Accounting	3.0
* BAF	201	Principles of Finance	3.0
* BUS	101	Introduction to Business	3.0
* MGT	120	Small Business Management	3.0
* MGT	201	Human Resource Management	3.0
* MGT	280	Executive Development	3.0
* MKT	250	Consumer Behavior	3.0
* MKT	265	Retailing Strategies and Applications	3.0
		Electives	5.0
		Subtotal	36.0
		Total Credit Hours	66.0

*Courses in this program that require a minimum grade of "C."

Approved: November 2010
Effective: Fall 2011

Program: Associate in Applied Science
Major: Management
Specialization: Human Resources

Hegis Code: 35030
Datatel Code: AAS.MGT.HMRES

			Credit Hours
A. General Education			
* ENG	155	Communications I	3.0
ENG	156	Communications II	3.0
ECO	210	Macroeconomics OR	-
PSC	201	American Government OR	-
PSY	201	General Psychology	3.0
MAT	101	Beginning Algebra	3.0
HSS	205	Technology and Society	3.0
		Subtotal	15.0
B. Required Core Subject Areas			
* ACC	111	Accounting Concepts	3.0
* BUS	121	Business Law I	3.0
* CPT	170	Microcomputer Applications	3.0
* MGT	101	Principles of Management	3.0
* MKT	101	Marketing	3.0
		Subtotal	15.0
C. Other Hours Required for Graduation			
COL	101	College Orientation	1.0
* ACC	101	Accounting Principles I	3.0
* ACC	102	Accounting Principles II	3.0
* ACC	150	Payroll Accounting	3.0
* ACC	243	Computerized Spreadsheet	1.0
* BAF	201	Principles of Finance	3.0
* BUS	101	Introduction to Business	3.0
* BUS	123	Business Law II	3.0
* BUS	128	Employment Law	3.0
* BUS	136	Compensation and Benefits	3.0
* MGT	201	Human Resource Management	3.0
* SPC	205	Public Speaking	3.0
		Electives	4.0
		Subtotal	36.0
		Total Credit Hours	66.0

*Courses in this program that require a minimum grade of "C."

Approved: November 2010
Effective: Fall 2011

Program: Associate in Applied Science
Major: Management
Specialization: Logistics

Hegis Code: 35030
Datatel Code: AAS.MGT.LOGST

			Credit Hours	
A. General Education				
* ENG	155	Communications I	3.0	
ENG	156	Communications II	3.0	
ECO	210	Macroeconomics OR	-	
PSC	201	American Government OR	-	
PSY	201	General Psychology	3.0	
MAT	101	Beginning Algebra	3.0	
HSS	205	Technology and Society	3.0	
			Subtotal	15.0
B. Required Core Subject Areas				
* ACC	111	Accounting Concepts	3.0	
* BUS	121	Business Law I	3.0	
* CPT	170	Microcomputer Applications	3.0	
* MGT	101	Principles of Management	3.0	
* MKT	101	Marketing	3.0	
			Subtotal	15.0
C. Other Hours Required for Graduation				
COL	101	College Orientation	1.0	
* ACC	101	Accounting Principles I	3.0	
* ACC	102	Accounting Principles II	3.0	
* ACC	150	Payroll Accounting	3.0	
* BAF	201	Principles of Finance	3.0	
* BUS	101	Introduction to Business	3.0	
* LOG	110	Introduction to Logistics	3.0	
* LOG	125	Transportation Logistics	3.0	
* LOG	215	Supply Chain Management	3.0	
* LOG	235	Traffic Management	3.0	
* LOG	240	Purchasing Logistics	3.0	
* MGT	201	Human Resource Management	3.0	
		Elective	2.0	
			Subtotal	36.0
			Total Credit Hours	66.0

*Courses in this program that require a minimum grade of "C."

Approved: November 2010
 Effective: Fall 2011

Program: Associate in Applied Science
 Major: Management
 Specialization: Fire Science Administration

Hegis Code: 35030
 Datatel Code: AAS.MGT.FRSCI

			Class Hours	Lab Hours	Credit Hours	
First Semester						
COL	101	College Orientation	1.0	0.0	1.0	
ACC	111	Accounting Concepts	3.0	0.0	3.0	
BUS	101	Introduction to Business	3.0	0.0	3.0	
BUS	121	Business Law I	3.0	0.0	3.0	
ENG	155	Communications I	3.0	0.0	3.0	
MAT	101	Beginning Algebra	3.0	0.0	3.0	
			16.0	0.0	16.0	
Second Semester						
ACC	101	Accounting Principles I	3.0	0.0	3.0	
CPT	170	Microcomputer Applications	3.0	0.0	3.0	
ENG	156	Communications II	3.0	0.0	3.0	
HSS	205	Technology and Society	3.0	0.0	3.0	
MGT	101	Principles of Management	3.0	0.0	3.0	
			15.0	0.0	15.0	
Third Semester						
ACC	102	Accounting Principles II	3.0	0.0	3.0	
ECO	210	Macroeconomics OR	3.0	0.0	3.0	
PSC	201	American Government OR	-	-	-	
PSY	201	General Psychology	-	-	-	
MKT	101	Marketing	3.0	0.0	3.0	
			Elective	1.0	0.0	1.0
			Fire Science Courses	7.0	0.0	7.0
			17.0	0.0	17.0	
Fourth Semester						
ACC	150	Payroll Accounting	3.0	0.0	3.0	
BAF	201	Principles of Finance	3.0	0.0	3.0	
MGT	201	Human Resource Management	3.0	0.0	3.0	
			Fire Science Courses	9.0	0.0	9.0
			18.0	0.0	18.0	
Total Credit Hours					66.0	

Approved: November 2010
 Effective: Fall 2011

Program: Associate in Applied Science
 Major: Management
 Specialization: Environment Technology

Hegis Code: 35030
 Datatel Code: AAS.MGT.ENVIR

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ACC	111	Accounting Concepts	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
EVT	206	Introduction to Environmental Compliance	3.0	0.0	3.0
MAT	101	Beginning Algebra	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	156	Communications II	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
MGT	101	Principles of Management	3.0	0.0	3.0
			15.0	0.0	15.0
Third Semester					
BUS	121	Business Law I	3.0	0.0	3.0
EVT	201	Environmental Science	3.0	0.0	3.0
EVT	111	Introduction to Water and Wastewater	1.0	0.0	1.0
			7.0	0.0	7.0
Fourth Semester					
ACC	102	Accounting Principles II	3.0	0.0	3.0
BIO	205	Ecology	3.0	0.0	3.0
BIO	206	Ecology Lab	0.0	3.0	1.0
EVT	110	Introduction to Treatment Facilities	3.0	0.0	3.0
MKT	101	Marketing	3.0	0.0	3.0
			12.0	3.0	13.0
Fifth Semester					
ACC	150	Payroll Accounting	3.0	0.0	3.0
BAF	201	Principles of Finance	3.0	0.0	3.0
ECO	210	Macroeconomics OR	-	-	-
PSC	201	American Government OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
EVT	254	Industrial Safety and Emergency Responses	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
			15.0	0.0	15.0
Total Credit Hours					66.0

Approved: November 2010
 Effective: Fall 2011

Program: Associate in Applied Science
 Major: Management
 Specialization: General Management

Hegis Code: 35030
 Datatel Code: AAS.MGT.GNMGT

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ACC	111	Accounting Concepts	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
BUS	121	Business Law I	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
MAT	101	Beginning Algebra	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	156	Communications II	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
MGT	101	Principles of Management	3.0	0.0	3.0
			15.0	0.0	15.0
Third Semester					
ACC	102	Accounting Principles II	3.0	0.0	3.0
MGT	120	Small Business Management	3.0	0.0	3.0
MGT	280	Executive Development	3.0	0.0	3.0
MKT	101	Marketing	3.0	0.0	3.0
MKT	265	Retailing Strategies and Applications	3.0	0.0	3.0
Electives			2.0	0.0	2.0
			17.0	0.0	17.0
Fifth Semester					
ACC	150	Payroll Accounting	3.0	0.0	3.0
BAF	201	Principles of Finance	3.0	0.0	3.0
ECO	210	Macroeconomics OR	-	-	-
PSC	201	American Government OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
MKT	250	Consumer Behavior	3.0	0.0	3.0
Electives			3.0	0.0	3.0
			18.0	0.0	18.0
Total Credit Hours					66.0

Approved: November 2010
 Effective: Fall 2011

Program: Associate in Applied Science
 Major: Management
 Specialization: Human Resources

Hegis Code: 35030
 Datatel Code: AAS.MGT.HMRES

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ACC	111	Accounting Concepts	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
BUS	121	Business Law I	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
MAT	101	Beginning Algebra	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
BUS	123	Business Law II	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	156	Communications II	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
MGT	101	Principles of Management	3.0	0.0	3.0
			18.0	0.0	18.0
Third Semester					
ACC	102	Accounting Principles II	3.0	0.0	3.0
ACC	243	Computerized Accounting	1.0	0.0	1.0
BUS	128	Employment Law	3.0	0.0	3.0
ECO	210	Macroeconomics OR	-	-	-
PSC	201	American Government OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
MKT	101	Marketing	3.0	0.0	3.0
SPC	205	Public Speaking	3.0	0.0	3.0
			16.0	0.0	16.0
Fifth Semester					
ACC	150	Payroll Accounting	3.0	0.0	3.0
BAF	201	Principles of Finance	3.0	0.0	3.0
BUS	136	Compensation and Benefits	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
Electives			4.0	0.0	4.0
			16.0	0.0	16.0
Total Credit Hours					66.0

Approved: November 2010
 Effective: Fall 2011

Program: Associate in Applied Science
 Major: Management
 Specialization: Logistics

Hegis Code: 35030
 Datatel Code: AAS.MGT.LOGST

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ACC	111	Accounting Concepts	3.0	0.0	3.0
BUS	121	Business Law I	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
LOG	110	Introduction to Logistics	3.0	0.0	3.0
MAT	101	Beginning Algebra	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	156	Communications II	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
LOG	125	Transportation Logistics	3.0	0.0	3.0
MGT	101	Principles of Management	3.0	0.0	3.0
			18.0	0.0	18.0
Third Semester					
ACC	102	Accounting Principles II	3.0	0.0	3.0
ACC	150	Payroll Accounting	3.0	0.0	3.0
BUS	101	General Business	3.0	0.0	3.0
ECO	210	Macroeconomics OR	-	-	-
PSC	201	American Government OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
LOG	215	Supply Chain Management	3.0	0.0	3.0
MKT	101	Marketing	3.0	0.0	3.0
			18.0	0.0	18.0
Fifth Semester					
BAF	201	Principles of Finance	3.0	0.0	3.0
LOG	235	Traffic Management	3.0	0.0	3.0
LOG	240	Purchasing Logistics	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
Electives			2.0	0.0	2.0
			14.0	0.0	14.0
Total Credit Hours					66.0

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Science

Hegis Code: 45600
 Datatel Code: AS.SCIEN

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ENG	101	English Composition I	3.0	0.0	3.0
Humanities Course (ART, ENG LIT, HIS, PHI, MUS, THE)			3.0	0.0	3.0
Mathematics Course (MAT 103, MAT 110, MAT 120, MAT 165)			3.0	0.0	3.0
Science Course (AST, BIO, CHM, PHS, PHY)			3.0	3.0	4.0
Social Science Course (ECO, PSC, PSY, SOC)			3.0	0.0	3.0
			16.0	3.0	17.0
Second Semester					
ENG	102	English Composition II	3.0	0.0	3.0
Humanities Course (ART, ENG LIT, HIS, PHI, MUS, THE)			3.0	0.0	3.0
Science Course (AST, BIO, CHM, PHS, PHY)			3.0	3.0	4.0
Social Science Course (ECO, PSC, PSY, SOC)			3.0	0.0	3.0
Minimum 3.0 credit hours from Concentration Requirement Area [@]			3.0	0.0	3.0
			15.0	3.0	16.0
Third Semester					
SPC	205	Public Speaking OR ENG LIT Course	- 3.0	- 0.0	- 3.0
Minimum 6.0 credit hours from Concentration Requirement Area [@]			6.0	0.0	6.0
Minimum 6.0 credit hours from Other Courses Required Area [@]			6.0	0.0	6.0
			15.0	0.0	15.0
Fourth Semester					
Minimum 6.0 credit hours from Concentration Requirement Area [@]			6.0	0.0	6.0
Minimum 9.0 credit hours from Other Courses Required Area [@]			9.0	0.0	9.0
			15.0	0.0	15.0
Total Credit Hours					63.0

Total hours - Year One plus Year Two

@Hours may exceed minimum required depending on course selection.

Approved: October 2003
Effective: Spring 2009

Program: Data Entry Certificate

Hegis Code: 70676
Datatel Code: CT.AOTDE

			Class Hours	Lab Hours	Credit Hours
First Semester					
AOT	105	Keyboarding	3.0	0.0	3.0
AOT	135	Data Entry	3.0	0.0	3.0
AOT	165	Information Processing Software	3.0	0.0	3.0
AOT	267	Integrated Information Processing	3.0	0.0	3.0
			12.0	0.0	12.0
Second Semester					
AOT	110	Document Formatting	3.0	0.0	3.0
AOT	133	Professional Development	3.0	0.0	3.0
AOT	167	Information Processing Applications	3.0	0.0	3.0
AOT	250	Advanced Information Processing	3.0	0.0	3.0
			12.0	0.0	12.0
		Total Credit Hours			24.0

Approved: June 2009
Effective: Fall 2009

Program: Legal Office Assistant

Hegis Code: 70272
Datatel Code: CT.AOTLA

			Class Hours	Lab Hours	Credit Hours
First Semester					
AOT	110	Document Formatting	3.0	0.0	3.0
AOT	133	Professional Development	3.0	0.0	3.0
AOT	134	Office Communications	3.0	0.0	3.0
AOT	144	Legal Office Procedures	3.0	0.0	3.0
AOT	165	Information Processing Software	3.0	0.0	3.0
LEG	125	Introduction to the Legal System	3.0	0.0	3.0
			18.0	0.0	18.0
Second Semester					
AOT	121	Transcription	3.0	0.0	3.0
AOT	167	Information Processing Applications	3.0	0.0	3.0
AOT	213	Legal Document Production	3.0	0.0	3.0
AOT	214	Software Applications in the Law Office	3.0	0.0	3.0
AOT	267	Integrated Information Processing	3.0	0.0	3.0
			15.0	0.0	15.0
		Total Credit Hours			33.0

Approved: October 2012
Effective: Fall 2013

Program: Medical Office Certificate

Hegis Code: 70266
Datatel Code: CT.AOTMC

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACC	111	Accounting Concepts	3.0	0.0	3.0
AHS	102	Medical Terminology	3.0	0.0	3.0
AOT	110	Document Formatting	3.0	0.0	3.0
AOT	134	Office Communications	3.0	0.0	3.0
AOT	165	Information Processing Software	3.0	0.0	3.0
HIM	102	Introduction to Coding and Classification	1.0	0.0	1.0
			16.0	0.0	16.0
Second Semester					
AOT	133	Professional Development	3.0	0.0	3.0
AOT	167	Information Processing Applications	3.0	0.0	3.0
AOT	252	Medical Systems and Procedures	3.0	0.0	3.0
AOT	267	Integrated Information Systems	3.0	0.0	3.0
HIM	130	Billing and Reimbursement	3.0	0.0	3.0
HIM	266	Computers in Healthcare	3.0	0.0	3.0
			18.0	0.0	18.0
		Total Credit Hours			34.0

Approved: November 2003
Effective: Spring 2009

Program: Office Applications Certificate

Hegis Code: 60848
Datatel Code: CT.AOTOA

			Class Hours	Lab Hours	Credit Hours
First Semester					
AOT	165	Information Processing Software	3.0	0.0	3.0
AOT	265	Desktop Publishing	3.0	0.0	3.0
AOT	267	Integrated Information Processing	3.0	0.0	3.0
			9.0	0.0	9.0
Second Semester					
AOT	167	Information Processing Applications	3.0	0.0	3.0
AOT	250	Advanced Information Processing	3.0	0.0	3.0
IST	225	Internet Communications	3.0	0.0	3.0
			9.0	0.0	9.0
		Total Credit Hours			18.0

Approved: October 2006
Effective: Spring 2007

Program: Environmental Science Certificate

Hegis Code: 71062
Datatel Code: CT.ASEVS

			Class Hours	Lab Hours	Credit Hours
First Semester					
ENG	155	Communications I	3.0	0.0	3.0
EVT	110	Introduction to Treatment Facilities	3.0	0.0	3.0
EVT	206	Introduction to Environmental Compliance	3.0	0.0	3.0
MAT	101	Beginning Algebra	3.0	0.0	3.0
			12.0	0.0	12.0
Second Semester					
BIO	205	Ecology AND	3.0	0.0	-
BIO	206	Ecology Lab OR	0.0	3.0	-
BIO	101	Biological Sciences I	3.0	3.0	4.0
CHM	105	General, Organic and Biochemistry	3.0	3.0	4.0
EVT	254	Industrial Safety and Emergency Response	3.0	0.0	3.0
		Elective	1.0	0.0	1.0
			10.0	6.0	12.0
Third Semester					
EVT	111	Introduction to Water & Wastewater Treatment Lab	0.0	3.0	1.0
EVT	201	Environment Science	3.0	0.0	3.0
			3.0	3.0	4.0
		Total Credit Hours			28.0

Approved: October 2012
Effective: Fall 2013

Program: Accounting Clerk Certificate

Hegis Code: 70549
Datatel Code: CT.BUSAC

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACC	111	Accounting Concepts	3.0	0.0	3.0
ACC	124	Individual Tax Procedures	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
			12.0	0.0	12.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
ACC	150	Payroll Accounting	3.0	0.0	3.0
ACC	240	Computerized Accounting	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
			12.0	0.0	12.0
Third Semester					
ACC	102	Accounting Principles II	3.0	0.0	3.0
ACC	245	Accounting Applications	3.0	0.0	3.0
			6.0	0.0	6.0
		Total Credit Hours			30.0

Approved: October 2011
Effective: Fall 2012

Program: Advanced Entrepreneurship Certificate

Hegis Code: 61044
Datatel Code: CT.BUSEA

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACC	111	Basic Accounting Concepts	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
BUS	121	Business Law I	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
MGT	120	Small Business Management	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
Total Credit Hours			18.0	0.0	18.0

Approved: Summer 2004
Effective: Fall 2004

Program: Entrepreneurial Certificate

Hegis Code: 70675
Datatel Code: CT.BUSEC

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
BUS	121	Business Law I	3.0	0.0	3.0
MGT	120	Small Business Management	3.0	0.0	3.0
			12.0	0.0	12.0
Second Semester					
ACC	150	Payroll Accounting	3.0	0.0	3.0
ACC	242	Small Business Software	1.0	0.0	1.0
BUS	123	Business Law II	3.0	0.0	3.0
MGT	121	Small Business Operations	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
			13.0	0.0	13.0
		Total Credit Hours			25.0

Approved: May 2007
Effective: Fall 2009

Program: Financial Services Certificate

Hegis Code: 71091
Datatel Code: CT.BUSFS

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACC	111	Accounting Concepts	3.0	0.0	3.0
BAF	150	Principles of Bank Operations	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
SPA	101	Elementary Spanish I	4.0	0.0	4.0
			13.0	0.0	13.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
BAF	155	Credit and Collections	3.0	0.0	3.0
BAF	210	Law and Banking	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
			12.0	0.0	12.0
Third Semester					
AOT	180	Customer Service	3.0	0.0	3.0
BAF	201	Principles of Finance	3.0	0.0	3.0
BAF	215	Money and Banking	3.0	0.0	3.0
			6.0	0.0	6.0
		Total Credit Hours			31.0

Approved: February 2004
Effective: Fall 2004

Program: Human Resource Management Specialist
Certificate

Hegis Code: 70828
Datatel Code: CT.BUSHR

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
BAF	101	Personal Finance	3.0	0.0	3.0
BUS	121	Business Law I	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
MGT	101	Principles of Management	3.0	0.0	3.0
			18.0	0.0	18.0
Second Semester					
BUS	123	Business Law II	3.0	0.0	3.0
BUS	128	Employment Law	3.0	0.0	3.0
BUS	136	Compensation & Benefits Analysis	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
SPC	205	Public Speaking	3.0	0.0	3.0
			15.0	0.0	15.0
Third Semester					
ACC	150	Payroll Accounting	3.0	0.0	3.0
ACC	243	Computerized Spreadsheets	1.0	0.0	1.0
			4.0	0.0	4.0
		Total Credit Hours			37.0

Approved: October 2012
Effective: Fall 2013

Program: Payroll/Income Tax Certificate

Hegis Code: 70829
Datatel Code: CT.BUSPI

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACC	111	Accounting Concepts	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
MGT	201	Human Resources Management	3.0	0.0	3.0
			12.0	0.0	12.0
Second Semester					
ACC	101	Accounting Principles I	3.0	0.0	3.0
ACC	124	Individual Tax Procedures	3.0	0.0	3.0
ACC	130	State Tax Procedures	1.0	0.0	1.0
BUS	135	Wages and Salary Administration	3.0	0.0	3.0
BUS	136	Compensation and Benefits Analysis	3.0	0.0	3.0
			13.0	0.0	13.0
Third Semester					
ACC	120	Federal Income Taxes	3.0	0.0	3.0
ACC	150	Payroll Accounting	3.0	0.0	3.0
ACC	240	Computerized Accounting	3.0	0.0	3.0
			9.0	0.0	9.0
		Total Credit Hours			34.0

Approved: October 2012
Effective: Fall 2013

Program: Digital Design Certificate

Hegis Code: 71009
Datatel Code: CT.CPTDD

			Class Hours	Lab Hours	Credit Hours
First Semester					
ARV	110	Computer Graphics I	3.0	0.0	3.0
ARV	123	Composition and Color	3.0	0.0	3.0
ARV	205	Graphic Illustration	3.0	0.0	3.0
CGC	278	Typography	3.0	0.0	3.0
			12.0	0.0	12.0
Second Semester					
ARV	121	Design	3.0	0.0	3.0
ARV	212	Digital Photography	3.0	0.0	3.0
ARV	223	3D Animation I	3.0	0.0	3.0
ARV	227	Web Design I	3.0	0.0	3.0
			12.0	0.0	12.0
Third Semester					
ARV	219	Multimedia Techniques	3.0	0.0	3.0
ARV	222	Computer Animation	3.0	0.0	3.0
ARV	281	Design II	3.0	0.0	3.0
CGC	226	Advanced Printing	3.0	0.0	3.0
			12.0	0.0	12.0
		Total Credit Hours			36.0

Approved: November 2011
Effective: Fall 2012

Program: Advanced Multimedia Specialist Certificate

Hegis Code: 71246
Datatel Code: CT.CPTMS

			Class Hours	Lab Hours	Credit Hours
First Semester					
ARV	110	Computer Graphics	3.0	0.0	3.0
ARV	123	Composition and Color	3.0	0.0	3.0
RTV	101	Audio Techniques	3.0	0.0	3.0
RTV	105	Television Studio Operation	3.0	0.0	3.0
			12.0	0.0	12.0
Second Semester					
ARV	205	Graphic Illustration	3.0	0.0	3.0
ARV	212	Digital Photography	3.0	0.0	3.0
CGC	278	Typography	3.0	0.0	3.0
RTV	103	Field Operations	3.0	0.0	3.0
			12.0	0.0	12.0
Third Semester					
ARV	219	Multimedia Techniques	3.0	0.0	3.0
ARV	227	Web Design I	3.0	0.0	3.0
RTV	107	Producing and Directing	3.0	0.0	3.0
			9.0	0.0	9.0
		Total Credit Hours			33.0

Approved: November 2010
Effective: Fall 2011

Program: Network Administration Certificate

Hegis Code: 70875
Datatel Code: CT.CPTNA

			Class Hours	Lab Hours	Credit Hours
First Semester					
IST	188	Hardware Basics and Operating Systems	5.0	0.0	5.0
IST	220	Data Communications	3.0	0.0	3.0
IST	251	LAN Networking Technologies	3.0	0.0	3.0
			11.0	0.0	11.0
Second Semester					
IST	252	LAN System Manager	3.0	0.0	3.0
IST	253	LAN Service & Support	3.0	0.0	3.0
IST	260	Network Design	3.0	0.0	3.0
			9.0	0.0	9.0
Third Semester					
IST	221	Advanced Data Communications	3.0	0.0	3.0
IST	254	Centralized Network Management	3.0	0.0	3.0
IST	273	Advanced Client/Server System	3.0	0.0	3.0
			9.0	0.0	9.0
		Total Credit Hours			29.0

Approved: 2000 Fall
Effective: 2001 Spring

Program: Network Operations Certificate

Hegis Code: 60722
Datatel Code: CT.CPTNO

			Class Hours	Lab Hours	Credit Hours
First Semester					
IST	201	CISCO Internetworking Concepts	3.0	0.0	3.0
			3.0	0.0	3.0
Second Semester					
IST	202	CISCO Router Configuration	3.0	0.0	3.0
			3.0	0.0	3.0
Third Semester					
IST	203	Advanced CISCO Router Configuration	3.0	0.0	3.0
			3.0	0.0	3.0
Fourth Semester					
IST	204	CISCO Troubleshooting	3.0	0.0	3.0
			3.0	0.0	3.0
		Total Credit Hours			12.0

Approved: September 2013
Effective: Fall 2014

Program: PC Technical Support Certificate

Hegis Code: 70876
Datatel Code: CT.CPTPC

			Class Hours	Lab Hours	Credit Hours
First Semester					
CPT	168	Programming Logic & Design	3.0	0.0	3.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
IST	188	Hardware Basics and Operating Systems	5.0	0.0	5.0
			11.0	0.0	11.0
Second Semester					
CPT	230	C# Programming I	3.0	0.0	3.0
CPT	270	Advanced Microcomputer Applications	3.0	0.0	3.0
IST	220	Data Communications	3.0	0.0	3.0
			9.0	0.0	9.0
Third Semester					
CPT	231	C# Programming II	3.0	0.0	3.0
CPT	CH	Database	3.0	0.0	3.0
CPT	264	Systems and Procedures	3.0	0.0	3.0
			9.0	0.0	9.0
		Total Credit Hours			29.0

Approved: January 2005
Effective: Fall 2012

Program: Advanced Network Security Certificate

Hegis Code: 70994
Datatel Code: CT.ITANS

			Class Hours	Lab Hours	Credit Hours
First Semester					
IST	101	Orientation to IT Professions	1.0	0.0	1.0
IST	103	Security Awareness	1.0	0.0	1.0
IST	188	Hardware Basics and OS	5.0	0.0	5.0
IST	201	Cisco Internetworking Concepts	3.0	0.0	3.0
			10.0	0.0	10.0
Second Semester					
IST	202	Cisco Router Configuration	3.0	0.0	3.0
IST	252	LAN System Administrator	3.0	0.0	3.0
IST	291	Fundamentals of Network Security I	3.0	0.0	3.0
			9.0	0.0	9.0
Third Semester					
IST	203	Advanced Cisco Router Configuration	3.0	0.0	3.0
IST	292	Fundamentals of Network Security II	3.0	0.0	3.0
IST	293	IT Data Assurance I	3.0	0.0	3.0
			9.0	0.0	9.0
Fourth Semester					
IST	254	Centralized Network Management	3.0	0.0	3.0
IST	294	IT and Data Assurance II	3.0	0.0	3.0
IST	204	Cisco Troubleshooting	3.0	0.0	3.0
			9.0	0.0	9.0
		Total Credit Hours			37.0

Approved: October 2006
Effective: Fall 2012

Program: Advanced Web Programming Certificate

Hegis Code: 71061
Datatel Code: CT.ITAWP

			Class Hours	Lab Hours	Credit Hours
First Semester					
CPT	236	Introduction to JAVA Programming	3.0	0.0	3.0
CPT	246	Introduction to XML	3.0	0.0	3.0
IST	226	Internet Programming	3.0	0.0	3.0
			9.0	0.0	9.0
Second Semester					
CPT	237	Advanced JAVA Programming	3.0	0.0	3.0
CPT	212	Visual Basic Programming	3.0	0.0	3.0
IST	272	Relational Database	3.0	0.0	3.0
			9.0	0.0	9.0
Third Semester					
CPT	213	Advanced Visual Basic Programming	3.0	0.0	3.0
CPT	238	Internet Scripting	3.0	0.0	3.0
CPT	240	Internet Programming with Databases	3.0	0.0	3.0
			9.0	0.0	9.0
		Total Credit Hours			27.0

Approved: November 2011
Effective: Fall 2012

Program: University Studies Certificate

Hegis Code: 71115
Datatel Code: CT.UNSTU

	Class Hours	Lab Hours	Credit Hours	
First Semester				
ENG 101	English Composition I	3.0	0.0	3.0
CPT 101	Introduction to Computers	3.0	0.0	3.0
Humanities/Fine Arts		3.0	0.0	3.0
Science		3.0	3.0	4.0
Transfer Elective		3.0	0.0	3.0
		15.0	3.0	16.0
Second Semester				
ENG 102	English Composition II	3.0	0.0	3.0
Humanities/Fine Arts		3.0	0.0	3.0
Mathematics		3.0	0.0	3.0
Social Science		3.0	0.0	3.0
Transfer Elective		3.0	0.0	3.0
		15.0	0.0	15.0
Total Credit Hours				31.0

SUGGESTED PLANS OF STUDY
HEALTH
AND
HUMAN SERVICES



Approved: July 2011
 Effective: Fall 2012

Program: Associate in Applied Science Hegis Code: 35505
 Major: Criminal Justice Technology Datatel Code: AAS.CRJ

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CPT	170	Microcomputer Applications I	3.0	0.0	3.0
CRJ	101	Introduction to Criminal Justice	3.0	0.0	3.0
CRJ	115	Criminal Law I	3.0	0.0	3.0
CRJ	222	Ethics in Criminal Justice	3.0	0.0	3.0
ENG	101	English Composition I OR	-	-	-
ENG	155	Communications I	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
CRJ	110	Police Patrol	3.0	0.0	3.0
CRJ	218	Crisis Intervention	3.0	0.0	3.0
CRJ	224	Police Community Relations	3.0	0.0	3.0
HIS	202	American History: 1877 to Present OR	-	-	-
HSS	205	Technology and Society	3.0	0.0	3.0
MAT	101	Beginning Algebra OR	-	-	-
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			15.0	0.0	15.0
Third Semester					
CRJ	125	Criminology	3.0	0.0	3.0
PSC	201	American Government OR	3.0	0.0	3.0
PSC	215	State and Local Government	-	-	-
SPC	205	Public Speaking	3.0	0.0	3.0
		Elective (CRJ Course)	3.0	0.0	3.0
			12.0	0.0	12.0
Fourth Semester					
CRJ	145	Juvenile Delinquency	3.0	0.0	3.0
CRJ	236	Criminal Evidence	3.0	0.0	3.0
PSY	201	General Psychology OR	-	-	-
SOC	101	Introduction to Sociology	3.0	0.0	3.0
		Elective (CRJ Course)	3.0	0.0	3.0
			12.0	0.0	12.0
Fifth Semester					
CRJ	202	Criminalistics OR	-	-	-
SCI	150	Forensic Science	3.0	0.0	3.0
CRJ	242	Correctional Systems	3.0	0.0	3.0
CRJ	247	Law Enforcement and the Latino Community	3.0	0.0	3.0
CRJ	250	Criminal Justice Internship I OR	-	-	-
CRJ	260	Seminar in Criminal Justice	3.0	0.0	3.0
			12.0	0.0	12.0
		Total Credit Hours			67.0

Approved: Fall 1997
 Effective: Fall 1998

Program: Associate in Applied Science
 Major: Dental Hygiene

Hegis Code: 35203
 Datatel Code: AAS.DHG

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
BIO	210	Anatomy & Physiology I	3.0	3.0	4.0
CHM	105	General, Organic & Biochemistry	3.0	3.0	4.0
DHG	115	Medical and Dental Emergencies	2.0	0.0	2.0
DHG	125	Tooth Morphology & Histology	1.0	3.0	2.0
DHG	154	Pre-Clinical Dental Hygiene	2.0	6.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
			15.0	15.0	20.0
Second Semester					
AHS	113	Head & Neck Anatomy	0.0	3.0	1.0
BIO	211	Anatomy & Physiology II	3.0	3.0	4.0
DHG	121	Dental Radiography	2.0	3.0	3.0
DHG	165	Clinical Dental Hygiene I	2.0	9.0	5.0
DHG	239	Dental Assisting for DHGs	1.0	3.0	2.0
SPC	205	Public Speaking	3.0	0.0	3.0
			11.0	21.0	18.0
Third Semester					
AHS	108	Nutrition	3.0	0.0	3.0
BIO	134	Fundamentals of Microbiology	2.0	0.0	2.0
DHG	140	General and Oral Pathology	2.0	0.0	2.0
DHG	141	Periodontology	2.0	0.0	2.0
DHG	175	Clinical Dental Hygiene II	2.0	9.0	5.0
			11.0	9.0	14.0
Fourth Semester					
DHG	143	Dental Pharmacology	2.0	0.0	2.0
DHG	230	Public Health Dentistry	3.0	0.0	3.0
DHG	255	Clinical Dental Hygiene III	1.0	12.0	5.0
MAT	155	Contemporary Math	3.0	0.0	3.0
SOC	101	Sociology (Guided Elective)	3.0	0.0	3.0
			12.0	12.0	16.0
Fifth Semester					
DHG	265	Clinical Dental Hygiene IV	1.0	12.0	5.0
DHG	272	Dental Hygiene Externship	1.0	3.0	2.0
HSS	205	Technology & Society	3.0	0.0	3.0
PSY	201	General Psychology	3.0	0.0	3.0
		Elective	3.0	0.0	3.0
			11.0	15.0	16.0
Total Credit Hours					84.0

Approved: June 2006
 Effective: Fall 2006

Program: Associate in Applied Science
 Major: Early Care and Education

Hegis Code: 35508
 Datatel Code: AAS.ECED

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ENG	101	English Composition I OR	-	-	-
ENG	155	Communications I	3.0	0.0	3.0
ECD	101	Introduction to Early Childhood	3.0	0.0	3.0
ECD	102	Growth and Development I	2.5	1.5	3.0
ECD	105	Guidance/Classroom Management	3.0	0.0	3.0
			12.5	1.5	13.0
Second Semester					
ECD	107	Exceptional Children	2.5	1.5	3.0
ECD	132	Creative Experiences	2.5	1.5	3.0
ECD	203	Growth and Development II	3.0	0.0	3.0
MAT	101	Beginning Algebra OR	-	-	-
MAT	155	Commemoratory Math	3.0	0.0	3.0
			11.0	3.0	12.0
Third Semester					
AOT	105	Keyboarding OR	-	-	-
CPT	101	Introduction to Computers	3.0	0.0	3.0
ECD	108	Family and Community Relations	3.0	0.0	3.0
ECD	109	Administration and Supervision	3.0	0.0	3.0
HIS	102	Western Civilization II OR	-	-	-
HSS	205	Technology and Society	3.0	0.0	3.0
			12.0	0.0	12.0
Fourth Semester					
ECD	133	Science and Math Concepts	2.5	1.5	3.0
ECD	200	Curriculum Issues in Infant and Toddler Development	3.0	0.0	3.0
ECD	201	Principles of Ethic and Leadership in Early Care and Education	3.0	0.0	3.0
ECD	210	Early Childhood Intervention	3.0	0.0	3.0
PSY	105	Personal/Interpersonal Psychology OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
			14.5	1.5	15.0
Fifth Semester					
ECD	131	Language Arts	2.5	1.5	3.0
ECD	135	Health, Safety and Nutrition	3.0	0.0	3.0
ECD	243	Supervised Field Experience I	1.5	4.5	3.0
		Electives (Minimum of 2 courses)	0.0	0.0	4.0
			7.0	6.0	13.0
		Total Credit Hours			65.0

Approved:

Effective: Fall 2010

Program: Associate in Applied Science
Major: Medical Laboratory Technology

Hegis Code: 35205
Datatel Code: AAS.MLT

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CHM	105	General, Organic, and Biochemistry	3.0	3.0	4.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
MLT	101	Introduction to MLT	2.0	0.0	2.0
MLT	105	Medical Microbiology	3.0	3.0	4.0
MLT	108	Urinalysis and Body Fluids	2.0	3.0	3.0
			14.0	9.0	17.0
Second Semester					
BIO	112	Basic Anatomy & Physiology	4.0	0.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
HSS	205	Technology & Society	3.0	0.0	3.0
MLT	110	Hematology	3.0	3.0	4.0
MLT	125	Clinical Chemistry	3.0	3.0	4.0
			16.0	6.0	18.0
Third Semester					
MLT	112	Introduction to Parasitology	2.0	0.0	2.0
MLT	120	Immunohematology	3.0	3.0	4.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
		Elective (not less than 2 credit hours)	2.0	0.0	2.0
			10.0	3.0	11.0
Fourth Semester					
MLT	242	Survey in MLT	5.0	0.0	5.0
MLT	251	Clinical Experience I	0.0	15.0	5.0
MLT	252	Clinical Experience II	0.0	15.0	5.0
			5.0	30.0	15.0
Fifth Semester					
MLT	243	Advanced Survey in MLT	5.0	0.0	5.0
MLT	253	Clinical Experience III	0.0	15.0	5.0
MLT	254	Clinical Experience III	0.0	15.0	5.0
			5.0	30.0	15.0
		Total Credit Hours			76.0

Approved: April 2011
Effective: Fall 2011

Program: Associate in Applied Science
Major: Nursing

Hegis Code: 35208
Datatel Code: AAS.NUR

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
BIO	210	Anatomy and Physiology I	3.0	3.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
NUR	104	Nursing Care Management I	3.0	3.0	4.0
NUR	106	Pharmacology Basics	2.0	0.0	2.0
NUR	206	Clinical Skills Application	1.0	3.0	2.0
			13.0	9.0	16.0
Second Semester					
BIO	211	Anatomy and Physiology II	3.0	3.0	4.0
NUR	159	Nursing Care Management II	4.5	4.5	6.0
NUR	211	Care of the Childbearing Family	3.0	3.0	4.0
PSY	201	General Psychology	3.0	0.0	3.0
			13.5	10.5	17.0
Third Semester					
ENG	102	English Composition II	3.0	0.0	3.0
NUR	209	Nursing Care Management III	3.5	4.5	5.0
			6.5	4.5	8.0
Fourth Semester					
BIO	225	Microbiology	3.0	3.0	4.0
MAT	110	College Algebra	3.0	0.0	3.0
NUR	229	Nursing Care Management IV	4.0	6.0	6.0
			10.0	9.0	13.0
Fifth Semester					
NUR	214	Mental Health Nursing	2.0	6.0	4.0
NUR	219	Nursing Management and Leadership	1.0	9.0	4.0
		Elective (Humanities/Fine Arts)	3.0	0.0	3.0
		Elective	3.0	0.0	3.0
			9.0	15.0	14.0
		Total Credit Hours			68.0

Approved: June 2010
 Effective: Fall 2011

Program: Associate in Applied Science
 Major: Radiologic Technology

Hegis Code: 35207
 Datatel Code: AAS.RAD

			Class Hours	Lab Hours	Credit Hours
First Semester		(SUMMER)			
COL	101	College Orientation	1.0	0.0	1.0
BIO	210	Anatomy and Physiology I	3.0	3.0	4.0
RAD	101	Introduction to Radiologic Technology	2.0	0.0	2.0
RAD	102	Patient Care Procedures	1.0	3.0	2.0
RAD	152	Applied Radiography I	2.0	0.0	2.0
		Elective	3.0	0.0	3.0
			12.0	6.0	14.0
Second Semester		(FALL)			
BIO	211	Anatomy and Physiology II	3.0	3.0	4.0
RAD	105	Radiographic Anatomy	4.0	0.0	4.0
RAD	110	Radiographic Imaging I	2.0	3.0	3.0
RAD	130	Radiographic Procedures I	2.0	3.0	3.0
RAD	165	Applied Radiography II	0.0	15.0	5.0
			11.0	24.0	19.0
Third Semester		(SPRING)			
ENG	101	English Composition I	3.0	0.0	3.0
MAT	110	College Algebra	3.0	0.0	3.0
RAD	115	Radiographic Imaging II	2.0	3.0	3.0
RAD	136	Radiographic Procedures II	2.0	3.0	3.0
RAD	175	Applied Radiography III	0.0	15.0	5.0
			10.0	21.0	17.0
Fourth Semester		(SUMMER)			
RAD	121	Radiation Physics	4.0	0.0	4.0
RAD	230	Radiographic Procedures III	3.0	0.0	3.0
RAD	256	Advanced Radiography I	0.0	18.0	6.0
			7.0	18.0	13.0
Fifth Semester		(FALL)			
RAD	201	Radiation Biology	1.0	3.0	2.0
RAD	210	Radiographic Imaging III	3.0	0.0	3.0
RAD	268	Advanced Radiography III	0.0	24.0	8.0
			4.0	27.0	13.0
Sixth Semester		(SPRING)			
HSS	205	Technology and Society	3.0	0.0	3.0
PSY	201	General Psychology	3.0	0.0	3.0
RAD	278	Advanced Radiography III	0.0	24.0	8.0
			6.0	24.0	14.0
		Total Credit Hours			90.0

Approved:
Effective: Fall 2012

Program: Law Enforcement Certificate

Hegis Code: 71043
Datatel Code: CT.CRJLE

			Class Hours	Lab Hours	Credit Hours
First Semester					
CRJ	101	Introduction to Criminal Justice	3.0	0.0	3.0
CRJ	115	Criminal Law I	3.0	0.0	3.0
CRJ	140	Criminal Justice Report Writing	3.0	0.0	3.0
CRJ	222	Ethics in Criminal Justice	3.0	0.0	3.0
			12.0	0.0	12.0
Second Semester					
CRJ	202	Criminalistics OR	3.0	0.0	3.0
SCI	150	Forensic Science	-	-	-
CRJ	110	Police Patrol	3.0	0.0	3.0
CRJ	218	Crisis Intervention	3.0	0.0	3.0
CRJ	224	Police Community Relations	3.0	0.0	3.0
			12.0	0.0	12.0
		Total Credit Hours			24.0

Approved: Fall 2000
Effective: Spring 2011

Program: Early Childhood Development Certificate

Hegis Code: 70240
Datatel Code: CT.ECD

			Class Hours	Lab Hours	Credit Hours
First Semester					
ECD	101	Introduction to Early Childhood	3.0	0.0	3.0
ECD	102	Growth & Development I	2.5	1.5	3.0
ECD	105	Guidance/Classroom Management	3.0	0.0	3.0
ECD	133	Science and Math Concepts	2.5	1.5	3.0
			11.0	3.0	12.0
Second Semester					
ECD	107	Exceptional Children	2.5	1.5	3.0
ECD	131	Language Arts	2.5	1.5	3.0
ECD	132	Creative Experiences	2.5	1.5	3.0
ECD	135	Health, Safety, and Nutrition	3.0	0.0	3.0
ECD	203	Growth & Development II	3.0	0.0	3.0
			13.5	4.5	15.0
		Total Credit Hours			27.0

Approved: Fall 2001
Effective: Spring 2001

Program: Child Care Management Certificate

Hegis Code: 70677
Datatel Code: CT.ECDCM

			Class Hours	Lab Hours	Credit Hours
First Semester					
ECD	108	Family and Community Relations	3.0	0.0	3.0
ECD	109	Administration and Supervision	3.0	0.0	3.0
ECD	237	Methods and Materials	2.0	3.0	3.0
			8.0	3.0	9.0
Second Semester					
ECD	102	Growth and Development I	2.5	1.5	3.0
ECD	105	Guidance & Classroom Management	3.0	0.0	3.0
MGT	120	Small Business Management	3.0	0.0	3.0
			8.5	1.5	9.0
Third Semester					
AOT	105	Keyboarding	3.0	0.0	3.0
ECD	203	Growth and Development II	3.0	0.0	3.0
ECD	135	Health, Safety and Nutrition	3.0	0.0	3.0
MGT	201	Human Resource Management	3.0	0.0	3.0
			12.0	0.0	12.0
		Total Credit Hours			30.0

Approved: March 2005
Effective: Fall 2005

Program: Infant and Toddler Development Certificate Hegis Code: 60755
Datatel Code: CT.ECDIT

			Class Hours	Lab Hours	Credit Hours
First Semester					
ECD	101	Introduction to Early Childhood	3.0	0.0	3.0
ECD	102	Growth & Development I	2.5	1.5	3.0
ECD	205	Socialization and Group Care of Infants and Toddlers	3.0	0.0	3.0
			8.5	1.5	9.0
Second Semester					
ECD	200	Curriculum Issues in Infant & Toddler Development	3.0	0.0	3.0
ECD	207	Inclusive Care for Infants and Toddlers	2.5	1.5	3.0
ECD	251	Supervised Field Experiences in Infant/Toddler Environment	2.0	3.0	3.0
			7.5	4.5	9.0
		Total Credit Hours			18.0

Approved: January 1994
Effective: August 1994

Program: Health Science Certificate

Hegis Code: 70511
Datatel Code: CT.HS

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
AHS	101	Introduction to Health Professions	2.0	0.0	2.0
AHS	102	Medical Terminology	3.0	0.0	3.0
BIO	112	Basic Anatomy & Physiology	4.0	0.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			16.0	0.0	16.0
Second Semester					
AHS	120	Responding to Emergencies	2.0	0.0	2.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
SPC	205	Public Speaking	3.0	0.0	3.0
			14.0	0.0	14.0
		Total Credit Hours			30.0

Approved: January 2010
 Effective: Fall 2011

Program: Human Services Certificate

Hegis Code: 71138
 Datatel Code: CT.HUMSR

			Class Hours	Lab Hours	Credit Hours
First Semester					
ENG	101	English Composition I	3.0	0.0	3.0
HUS	101	Introduction to Human Services	3.0	0.0	3.0
HUS	102	Personal & Professional Development in Helping Professions	3.0	0.0	3.0
PSY	201	General Psychology	3.0	0.0	3.0
		Elective (Choose one)	3.0	0.0	3.0
CRJ	101	Introduction to Criminal Justice	-	-	-
ECD	101	Introduction to Early Childhood Education	-	-	-
HUS	205	Gerontology	-	-	-
HUS	208	Alcohol and Drug Abuse	-	-	-
			15.0	0.0	15.0
Second Semester					
HUS	150	Supervised Field Placement I	1.5	4.5	3.0
HUS	230	Interviewing Techniques	3.0	0.0	3.0
SOC	101	Introduction to Sociology	3.0	0.0	3.0
		Elective (Choose one)	3.0	0.0	3.0
CRJ	218	Crisis Intervention	-	-	-
ECD	107	Exceptional Children	-	-	-
HUS	214	Health, Wellness & Nutrition for Special Populations	-	-	-
HUS	217	Additions Counseling	-	-	-
			10.5	4.5	12.0
Total Credit Hours					27.0

Approved: February 2008
Effective: Fall 2008

Program: Medical Assisting Certificate

Hegis Code: 71111
Datatel Code: CT.MA

			Class Hours	Lab Hours	Credit Hours
First Semester					
AHS	102	Medical Terminology	3.0	0.0	3.0
AOT	110	Document Formatting	3.0	0.0	3.0
BIO	112	Basic Anatomy and Physiology	4.0	0.0	4.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
			13.0	0.0	13.0
Second Semester					
AOT	252	Medical Systems and Procedures	3.0	0.0	3.0
HIM	130	Biling and Reimbursement	3.0	0.0	3.0
MED	113	Basic Medical Laboratory Techniques	2.0	3.0	3.0
MED	114	Medical Assisting Clinical Procedures	3.0	3.0	4.0
			11.0	6.0	13.0
Third Semester					
AOT	134	Office Communications	3.0	0.0	3.0
AOT	267	Integrated information Processing	3.0	0.0	3.0
MED	117	Clinical Practice	1.0	12.0	5.0
			7.0	12.0	11.0
		Total Credit Hours			37.0

Approved: May 2011
Effective: Fall 2012

Program: Central Service Certificate

Hegis Code: 60752
Datatel Code: CT.SURCS

			Class Hours	Lab Hours	Credit Hours
First Semester					
SUR	101	Introduction to Surgical Technology	4.0	3.0	5.0
SUR	102	Applied Surgical Technology	4.0	3.0	5.0
SUR	125	Sterile Processing Practicum	3.0	6.0	5.0
		Total Credit Hours	11.0	12.0	15.0

Approved: March 2004
Effective: Fall 2004

Program: Associate in Applied Science
Major: Expanded Duty Dental Assisting

Hegis Code: 15202
Datatel Code: DAS.EDDA

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
DAT	112	Integrated Human Sciences	3.0	3.0	4.0
DAT	113	Dental Materials	3.0	3.0	4.0
DAT	115	Ethics & Professionalism	1.0	0.0	1.0
DAT	118	Dental Morphology	2.0	0.0	2.0
DAT	154	Clinical Procedures I	2.0	6.0	4.0
ENG	155	Communications I	3.0	0.0	3.0
			15.0	12.0	19.0
Second Semester					
DAT	121	Dental Health Education	2.0	0.0	2.0
DAT	123	Oral Medicine/Oral Biology	3.0	0.0	3.0
DAT	127	Dental Radiography	3.0	3.0	4.0
DAT	164	Clinical Procedures II	2.0	6.0	4.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
			16.0	9.0	19.0
Third Semester					
DAT	122	Dental Office Management	2.0	0.0	2.0
DAT	177	Office Experience	1.0	18.0	7.0
			3.0	18.0	9.0
		Total Credit Hours			47.0

Approved: April 2011
Effective: Fall 2011

Program: Diploma in Applied Science
Major: Practical Nursing

Hegis Code: 15209
Datatel Code: DAS.NURPN

			Class Hours	Lab Hours	Credit Hours
First Semester					
BIO	210	Anatomy and Physiology I	3.0	3.0	4.0
COL	101	College Orientation	1.0	0.0	1.0
ENG	101	English Composition I	3.0	0.0	3.0
NUR	104	Nursing Care Management I	3.0	3.0	4.0
NUR	106	Pharmacology Basics	2.0	0.0	2.0
NUR	206	Clinical Skills Application	1.0	3.0	2.0
			13.0	9.0	16.0
Second Semester					
BIO	211	Anatomy and Physiology II	3.0	3.0	4.0
NUR	159	Nursing Care Management II	4.5	4.5	6.0
NUR	211	Care of the Childbearing Family	3.0	3.0	4.0
PSY	201	General Psychology	3.0	0.0	3.0
			13.5	10.5	17.0
Third Semester					
ENG	102	English Composition II	3.0	0.0	3.0
NUR	209	Nursing Care Management III	3.5	4.5	5.0
			6.5	4.5	8.0
		Total Credit Hours			41.0

Approved: May 2011
Effective: Fall 2012

Program: Diploma in Applied Science
Major: Surgical Technology

Hegis Code: 15211
Datatel Code: DAS.SUR

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
SUR	101	Introduction to Surgical Technology	4.0	3.0	5.0
SUR	102	Applied Surgical Technology	4.0	3.0	5.0
SUR	130	Biomedical Science for The Surgical Technologist	1.0	0.0	1.0
			16.0	6.0	18.0
Second Semester					
ENG	155	Communications I	3.0	0.0	3.0
SUR	103	Surgical Procedures I	2.0	6.0	4.0
SUR	104	Surgical Procedures II	2.0	6.0	4.0
SUR	111	Basic Surgical Practicum	2.0	15.0	7.0
			9.0	27.0	18.0
Third Semester					
SUR	105	Surgical Procedures III	4.0	0.0	4.0
SUR	114	Surgical Specialty Practicum	0.0	21.0	7.0
SUR	120	Surgical Seminar	2.0	0.0	2.0
			6.0	21.0	13.0
		Total Credit Hours			49.0

SUGGESTED PLANS OF STUDY
INDUSTRIAL
ENGINEERING
TECHNOLOGIES



Approved: September 2013
Effective: Fall 2014

Program: Associate in Applied Science
Major: General Engineering Technology
Specialization: Mechanical Engineering

Hegis Code: 35301
Datatel Code: AAS.GET.MECH

			Class Hours	Lab Hours	Credit Hours
First Semester					
CHM	110	College Chemistry I	3.0	3.0	4.0
ECO	210	Macroeconomics OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
EGR	270	Intro to Engineering	3.0	0.0	3.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	140	Analytical Geometry & Calculus I	<u>4.0</u>	<u>0.0</u>	<u>4.0</u>
			16.0	3.0	17.0
Second Semester					
CHM	111	College Chemistry II	3.0	3.0	4.0
EGR	275	Intro to Engineering/Computer Graphics	3.0	0.0	3.0
ENG	102	English Composition II	3.0	0.0	3.0
HIS	101	Western Civilization to 1689	3.0	0.0	3.0
MAT	141	Analytical Geometry & Calculus II	<u>4.0</u>	<u>0.0</u>	<u>4.0</u>
			16.0	3.0	17.0
Third Semester					
CPT	101	Intro to Computers	3.0	0.0	3.0
ECE	221	Intro to Electrical Engineering I	3.0	0.0	3.0
EGR	260	Engineering Statics	3.0	0.0	3.0
PHY	221	University Physics I	3.0	3.0	4.0
		Approved Elective	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
			15.0	3.0	16.0
Fourth Semester					
EGR	175	Manufacturing Processes	3.0	0.0	3.0
EGR	264	Intro to Engineering Mechanics of Solids	3.0	0.0	3.0
EGR	266	Engineering Thermodynamics Fundamentals	3.0	0.0	3.0
PHY	222	University Physics II	3.0	3.0	4.0
		Approved Elective	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
			15.0	3.0	16.0
		Total Credit Hours			66.0

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Applied Science
 Major: General Engineering Technology
 Specialization: Electrical and Computer Engineering

Hegis Code: 35301
 Datatel Code: AAS.GET.ELCOM

			Class Hours	Lab Hours	Credit Hours
First Semester					
CPT	101	Intro to Computers	3.0	0.0	3.0
EGR	281	Intro to Algorithmic Design I	3.0	3.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	140	Analytical Geometry & Calculus I	4.0	0.0	4.0
		Approved Elective	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
			16.0	3.0	17.0
Second Semester					
ECE	102	Instrument Control	3.0	0.0	3.0
EGR	175	Manufacturing Processes	3.0	0.0	3.0
EGR	283	Intro to Algorithmic Design II	3.0	3.0	4.0
MAT	141	Analytical Geometry & Calculus II	4.0	0.0	4.0
		Approved Elective	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
			16.0	3.0	17.0
Third Semester					
ECE	211	Intro to Computer Engineering I	3.0	0.0	3.0
ECE	221	Intro to Electrical Engineering I	3.0	0.0	3.0
PHY	221	University Physics I	3.0	3.0	4.0
ECO	210	Macroeconomics OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
HIS	101	Western Civilization to 1689	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
			15.0	3.0	16.0
Fourth Semester					
ECE	212	Intro to Computer Engineering II	3.0	0.0	3.0
ECE	222	Intro to Electrical Engineering II	3.0	0.0	3.0
EGR	194	Statics and Strength of Materials	4.0	0.0	4.0
EGR	275	Introduction to Engineering /Computer	3.0	0.0	3.0
		Approved Elective	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
			16.0	0.0	16.0
		Total Credit Hours			66.0

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Applied Science
 Major: General Engineering Technology
 Specialization: Engineering Transfer

Hegis Code: 35301
 Datatel Code: AAS.GET.EGRTR

			Class Hours	Lab Hours	Credit Hours
First Semester					
ECO	210	Macroeconomics OR	-	-	-
PSY	201	General Psychology	3.0	0.0	3.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	140	Analytical Geometry & Calculus I	4.0	0.0	4.0
EGR	270	Intro to Engineering	3.0	0.0	3.0
CHM	110	College Chemistry I	<u>3.0</u>	<u>3.0</u>	<u>4.0</u>
		Subtotal	16.0	3.0	17.0
Second Semester					
CHM	111	College Chemistry II	3.0	3.0	4.0
EGR	194	Statics and Strength of Materials	4.0	0.0	4.0
EGR	275	Intro to Engineering/Computer Graphics	3.0	0.0	3.0
ENG	102	English Composition II	3.0	0.0	3.0
MAT	141	Analytical Geometry & Calculus II	<u>4.0</u>	<u>0.0</u>	<u>4.0</u>
		Subtotal	17.0	3.0	18.0
Third Semester					
CPT	101	Intro to Computers	3.0	0.0	3.0
ECE	221	Intro to Electrical Engineering I	3.0	0.0	3.0
HIS	101	Western Civilization to 1689	3.0	0.0	3.0
PHY	221	University Physics I	3.0	3.0	4.0
		Approved Elective	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
		Subtotal	15.0	3.0	16.0
Fourth Semester					
EGR	175	Manufacturing Processes	3.0	0.0	3.0
PHY	222	University Physics II	3.0	3.0	4.0
		Approved Electives	<u>8.0</u>	<u>0.0</u>	<u>8.0</u>
		Subtotal	14.0	3.0	15.0
		Total Credit Hours			66.0

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Applied Science
 Major: Automotive Technology

Hegis Code: 35306
 Datatel Code: AAS.AUT

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
AUT	131	Electrical Systems	2.0	3.0	3.0
AUT	133	Electrical Fundamentals	2.0	3.0	3.0
AUT	143	Active Devices and Sensors	3.0	3.0	4.0
AUT	161	Introduction to Automotive Maintenance	1.0	0.0	1.0
ENG	101	English Composition OR	-	-	-
ENG	155	Communications I	3.0	0.0	3.0
			12.0	9.0	15.0
Second Semester					
AUT	102	Engine Repair	2.0	6.0	4.0
AUT	146	Emission Systems	2.0	3.0	3.0
AUT	149	Ignition and Fuel Systems	2.0	6.0	4.0
ECO	101	Basic Economics OR	-	-	-
ECO	210	Macroeconomics	3.0	0.0	3.0
			9.0	15.0	14.0
Third Semester					
AUT	112	Braking Systems	2.0	6.0	4.0
AUT	241	Automotive Air Conditioning	3.0	3.0	4.0
MAT	101	Beginning Algebra OR	-	-	-
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			8.0	9.0	11.0
Fourth Semester					
AUT	115	Manual Drive Train/ Axle	1.0	6.0	3.0
AUT	124	Steering, Suspension and Alignment	3.0	3.0	4.0
AUT	262	Advanced Automotive Diagnosis and Repair	2.0	6.0	4.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
			9.0	15.0	14.0
Fifth Semester					
AUT	158	Automotive Diagnosis	2.0	3.0	3.0
AUT	247	Electrical Fuel Systems	2.0	6.0	4.0
AUT	251	Automatic Transmission Overhaul	3.0	6.0	5.0
HSS	205	Technology and Society	3.0	0.0	3.0
			10.0	15.0	15.0
Total Credit Hours					58.0
					69.0

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Applied Science
 Major: Computer Engineering Technology

Hegis Code: 35322
 Datatel Code: AAS.ECT

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CPE	107	Computer Applications for Engineers	3.0	0.0	3.0
EET	111	DC Circuits	3.0	3.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	110	College Algebra	3.0	0.0	3.0
			13.0	3.0	14.0
Second Semester					
ECO	101	Basic Economics OR	-	-	-
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
EET	141	Electronic Circuits	3.0	3.0	4.0
EET	142	Introduction to Network Servers	3.0	0.0	3.0
MAT	111	College Trigonometry	3.0	0.0	3.0
			12.0	3.0	13.0
Third Semester					
EET	112	AC Circuits	3.0	3.0	4.0
		Electives	5.0	0.0	5.0
			8.0	3.0	9.0
Fourth Semester					
CPE	110	Computer Language	2.0	3.0	3.0
EET	145	Digital Circuits	3.0	3.0	4.0
EET	251	Microprocessor Fundamentals	3.0	3.0	4.0
PHY	201	Physics I	3.0	3.0	4.0
			11.0	12.0	15.0
Fifth Semester					
CPE	224	System Troubleshooting	2.0	3.0	3.0
EET	243	Data Communications	2.0	3.0	3.0
EET	272	Electronics Senior Seminar	0.0	3.0	1.0
EET	273	Electronics Senior Project	0.0	3.0	1.0
ENG	160	Technical Communications	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
MAT	130	Elementary Calculus	3.0	0.0	3.0
			13.0	12.0	17.0
		Total Credit Hours			68.0

Approved Electives
 CPE 220, EGR 281, EGR 283, EET 231, EET 235, EET 261

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Applied Science
 Major: Electronics Engineering Technology

Hegis Code: 35310
 Datatel Code: AAS.EET

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CPE	107	Computer Applications for Engineers	3.0	0.0	3.0
EET	111	DC Circuits	3.0	3.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	110	College Algebra	3.0	0.0	3.0
			13.0	3.0	14.0
Second Semester					
ECO	101	Basic Economics OR	-	-	-
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
EET	141	Electronic Circuits	3.0	3.0	4.0
EET	142	Introduction to Network Servers	3.0	0.0	3.0
MAT	111	College Trigonometry	3.0	0.0	3.0
			12.0	3.0	13.0
Third Semester					
EET	112	AC Circuits	3.0	3.0	4.0
EET	212	Industrial Robotics	2.0	3.0	3.0
EET	235	Programmable Controllers	2.0	3.0	3.0
			7.0	9.0	10.0
Fourth Semester					
EET	145	Digital Circuits	3.0	3.0	4.0
EET	251	Microprocessor Fundamentals	3.0	3.0	4.0
PHY	201	Physics I	3.0	3.0	4.0
			3.0	0.0	3.0
			12.0	9.0	15.0
Fifth Semester					
EET	261	Electronic Troubleshooting	1.0	3.0	2.0
EET	272	Electronic Senior Seminar	0.0	3.0	1.0
EET	273	Electronic Senior Project	0.0	3.0	1.0
ENG	160	Technical Communications	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
MAT	130	Elementary Calculus	3.0	0.0	3.0
			2.0	0.0	2.0
			12.0	9.0	15.0
Total Credit Hours					67.0

Approved Electives

CPE 110, CPE 224, EET 241, EET 243

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Applied Science
 Major: Engineering Graphics Technology

Hegis Code: 35303
 Datatel Code: AAS.EGT

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
EGR	170	Engineering Materials	2.0	3.0	3.0
EGT	110	Engineering Graphics I	3.0	3.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	110	College Algebra	3.0	0.0	3.0
			15.0	6.0	17.0
Second Semester					
EGR	175	Manufacturing Processes	3.0	0.0	3.0
EGT	105	Basic Civil Drafting	1.0	3.0	2.0
EGT	115	Engineering Graphics II	3.0	3.0	4.0
MAT	111	College Trigonometry	3.0	0.0	3.0
PHY	201	Physics I	3.0	3.0	4.0
			13.0	9.0	16.0
Third Semester					
CHM	101	General Chemistry I	3.0	3.0	4.0
ECO	101	Basic Economics OR	-	-	-
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
ENG	160	Technical Communications	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
			12.0	3.0	13.0
Fourth Semester					
EGR	190	Statics	3.0	0.0	3.0
EGT	210	Engineering Graphics III	3.0	3.0	4.0
EGT	252	Advanced CAD	2.0	3.0	3.0
MAT	120	Probability and Statistics	3.0	0.0	3.0
			11.0	6.0	13.0
Fifth Semester					
EGT	225	Architectural Drawing Applications	3.0	3.0	4.0
MET	211	Strength of Materials	3.0	3.0	4.0
		Elective	4.0	0.0	4.0
			10.0	6.0	12.0
		Total Credit Hours			71.0

Approved Electives

EGR 260, EGR 264, EGR 266, MET 214, MET 219, MET 231, MET 235

Approved: September 2007
 Effective: Fall 2008

Program: Associate in Applied Science Hegis Code: 35372
 Major: Industrial Maintenance Technology Datatel Code: AAS.IMT04

			Class	Lab	Credit
			Hours	Hours	Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
EEM	117	DC/AC Circuits I	3.0	3.0	4.0
EEM	121	Electrical Measurements	3.0	0.0	3.0
EEM	140	National Electrical Code	3.0	0.0	3.0
EEM	145	Control Circuits	2.0	3.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			15.0	6.0	17.0
Second Semester					
CPT	101	Introduction to Computers	3.0	0.0	3.0
EEM	215	DC/AC Machines	2.0	3.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
		Directed Electives	0.0	0.0	8.0
		(Electives vary based upon concentration.)	8.0	3.0	17.0
Third Semester					
EEM	250	Programmable Logic Controllers	3.0	3.0	4.0
		Directed Electives	0.0	0.0	2.0
		(Electives vary based upon concentration.)	3.0	3.0	6.0
Fourth Semester					
ECO	101	Basic Economics OR			0.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
IMT	102	Industrial Safety	2.0	0.0	2.0
IMT	114	Benchwork and Assembly	1.0	3.0	2.0
IMT	120	Mechanical Installations	4.0	3.0	5.0
IMT	161	Mechanical Power Applications	3.0	3.0	4.0
			13.0	9.0	16.0
Fifth Semester					
HSS	205	Technology and Society	3.0	0.0	3.0
IMT	104	Schematics	2.0	0.0	2.0
IMT	131	Hydraulics and Pneumatics	2.0	6.0	4.0
WLD	142	Maintenance Welding	1.0	6.0	3.0
			8.0	12.0	12.0
					24.0
Total Credit Hours					68.0

Total semester credit hours may be higher based upon the concentration taken.

Directed Electives

Industrial Electricity

CIM	241	Automated Manufacturing Equipment	3.0	3.0	4.0
EEM	221	DC/AC Drives	2.0	3.0	3.0
EEM	251	Programmable Controllers	2.0	3.0	3.0
EEM	252	Programmable Controllers Applications	2.0	3.0	3.0
EEM	271	Sensors & Systems Interfacing	1.0	3.0	2.0
			10.0	15.0	15.0

Industrial Maintenance

ACR	108	Refrigeration Fundamentals	2.0	3.0	3.0
ACR	110	Heating Fundamentals	3.0	3.0	4.0

IMT	123	Air Compressors	2.0	0.0	2.0
IMT	151	Benchwork and Assembly	2.0	3.0	3.0
IMT	163	Mechanical Installations	2.0	3.0	3.0
					15.0
Machine Tool					
MTT	111	Machine Tool Theory & Practice I	3.0	6.0	5.0
MTT	124	Machine Tool Practice II	3.0	3.0	4.0
MTT	126	Machine Tool Practice III	3.0	3.0	4.0
					13.0
Welding					
WLD	136	Advance Inert Gas Welding	1.0	3.0	2.0
WLD	152	Tungsten Arc Welding	2.0	6.0	4.0
WLD	154	Pipe Fitting and Welding	3.0	3.0	4.0
					10.0

Approved: September 2013
 Effective: Fall 2014

Program: Associate in Applied Science
 Major: Mechanical Engineering Technology

Hegis Code: 35315
 Datatel Code: AAS.MET

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
EGR	170	Engineering Materials	2.0	3.0	3.0
EGT	110	Engineering Graphics I	3.0	3.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
MAT	110	College Algebra	3.0	0.0	3.0
			15.0	6.0	17.0
Second Semester					
EGR	175	Manufacturing Processes	3.0	0.0	3.0
EGT	115	Engineering Graphics II	3.0	3.0	4.0
MAT	111	College Trigonometry	3.0	0.0	3.0
PHY	201	Physics I	3.0	3.0	4.0
			12.0	6.0	14.0
Third Semester					
CHM	101	General Chemistry	3.0	3.0	4.0
ECO	101	Basic Economics OR	-	-	-
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
ENG	160	Technical Communications	3.0	0.0	3.0
HSS	205	Technology and Society	3.0	0.0	3.0
			12.0	3.0	13.0
Fourth Semester					
EGR	190	Statics	3.0	0.0	3.0
MAT	120	Probability and Statistics	3.0	0.0	3.0
MET	214	Fluid Mechanics	2.0	3.0	3.0
		Elective	2.0	0.0	2.0
			10.0	3.0	11.0
Fifth Semester					
MET	211	Strength of Materials	3.0	3.0	4.0
MET	222	Thermodynamics	3.0	3.0	4.0
MET	231	Machine Design	3.0	3.0	4.0
MTT	101	Introduction to Machine Tool	1.0	3.0	2.0
			10.0	12.0	14.0
		Total Credit Hours			69.0

Approved Electives:
 EGR 206, EGR 264, EGR 266, EGT 105, EGT 210, EGT 225, EGT 252, MET 219, MET 235

Approved: March 2012
Effective: Fall 2012

Program: Advanced CNC Machinist Certificate

Hegis Code: 71153
Datatel Code: CT.ACNC

			Class Hours	Lab Hours	Credit Hours
First Semester					
EGT	128	Machine Tool Print Layout	2.0	0.0	2.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
MTT	111	Machine Tool Theory & Practice II	3.0	6.0	5.0
			8.0	6.0	10.0
Second Semester					
EGT	130	Geometric Dimensioning and Tolerancing Applications	3.0	0.0	3.0
EGT	151	Introduction to CAD	2.0	3.0	3.0
MTT	145	Machining of Metals	3.0	0.0	3.0
MTT	254	CNC Programming I	2.0	3.0	3.0
			10.0	6.0	12.0
Third Semester					
MTT	253	CNC Programming and Operations	2.0	3.0	3.0
MTT	255	CNC Programming II	2.0	3.0	3.0
MTT	258	Machine Tool CAM	3.0	0.0	3.0
MTT	270	Operating and Programming of Coordinate Measuring and Machines	3.0	0.0	3.0
			10.0	6.0	12.0
		Total Credit Hours			34.0

Approved: September 2013
Effective: Fall 2014

Program: HVAC Installer Certificate

Hegis Code: 60844
Datatel Code: CT.ACRIN

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACR	102	Tools and Service Techniques	2.0	3.0	3.0
ACR	150	Basic Sheetmetal	1.0	3.0	2.0
BCT	112	Construction Print Reading	2.0	0.0	2.0
BCT	221	Construction Building Codes	3.0	0.0	3.0
EEM	105	Basic Electricity	1.0	3.0	2.0
Total Credit Hours			9.0	9.0	12.0

Approved: November 2003
Effective: Fall 2004

Program: HVAC Systems Design Certificate

Hegis Code: 60846
Datatel Code: CT.ACRSD

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACR	220	Advanced Air Conditioning	3.0	3.0	4.0
ACR	221	Residential Load Calculations	2.0	0.0	2.0
EGR	110	Introduction to Computer Environment	3.0	0.0	3.0
		Total Credit Hours	8.0	3.0	9.0

Approved: November 2003
Effective: Fall 2004

Program: HVAC Service Technician Certificate

Hegis Code: 60845
Datatel Code: CT.ACRST

			Class Hours	Lab Hours	Credit Hours
First Semester					
ACR	108	Refrigeration Fundamentals	2.0	3.0	3.0
ACR	110	Heating Fundamentals	3.0	3.0	4.0
ACR	120	Basic Air Conditioning	3.0	3.0	4.0
ACR	210	Heat Pumps	3.0	3.0	4.0
		Total Credit Hours	11.0	12.0	15.0

Approved: Spring 2013
Effective: Fall 2013

Program: Automotive Collision Repair Certificate

Hegis Code: 71280
Datatel Code: CT.AUTCR

			Class Hours	Lab Hours	Credit Hours
First Semester					
AUT	131	Electrical Systems	2.0	3.0	3.0
AUT	133	Electrical Fundamentals	2.0	3.0	3.0
ABR	100	Introduction to Autobody Haz. Matrl.	1.0	0.0	1.0
ABR	102	MIG Welding	1.0	6.0	3.0
ABR	119	Estimating Repairs	1.0	3.0	2.0
			7.0	15.0	12.0
Second Semester					
ABR	101	Structural Repair I	2.0	9.0	5.0
ABR	103	Sheet Metal Repair I	2.0	6.0	4.0
ABR	108	Refinishing I	2.0	3.0	3.0
			6.0	18.0	12.0
Third Semester					
AUT	241	Automotive Air Conditioning	2.0	6.0	4.0
			2.0	6.0	4.0
Fourth Semester					
ABR	111	Structural Repair II	2.0	9.0	5.0
ABR	113	Sheet Metal Repair II	1.0	9.0	4.0
ABR	118	Refinishing II	1.0	6.0	3.0
			4.0	24.0	12.0
		Total Credit Hours			40.0

Approved: July 2008
Effective: Fall 2013

Program: Building Construction Management Certificate Hegis Code: 71026
Datatel Code: CT.BCTMG

			Class Hours	Lab Hours	Credit Hours
First Semester					
BCT	102	Fundamentals of Building Construction	3.0	3.0	4.0
EGR	110	Introduction to Computer Environment	3.0	0.0	3.0
BCT	104	Site Layout and Preparation	1.0	3.0	2.0
			7.0	6.0	9.0
Second Semester					
BCT	131	Estimating/Quantity Take Off	2.0	0.0	2.0
BCT	151	Introduction to Residential Plumbing	2.0	3.0	3.0
BCT	221	Construction Building Code	3.0	0.0	3.0
BCT	231	Construction Labor and Expediting	3.0	0.0	3.0
BUS	101	Introduction to Business	3.0	0.0	3.0
			13.0	3.0	14.0
Third Semester					
BCT	142	Fundamentals of Construction Safety	4.0	0.0	4.0
BCT	223	Residential Mechanical Systems	2.0	3.0	3.0
EEM	105	Basic Electricity	1.0	3.0	2.0
			7.0	6.0	9.0
		Total Credit Hours			32.0

Approved: July 2007
Effective: Fall 2008

Program: Basic Electricity Certificate

Hegis Code: 60709
Datatel Code: CT.EEMBE

			Class Hours	Lab Hours	Credit Hours
First Semester					
EEM	117	AC/DC Circuits	3.0	3.0	4.0
EEM	121	Electrical Measurements	3.0	0.0	3.0
EEM	140	National Electrical Code	3.0	0.0	3.0
Total Credit Hours					10.0

Approved: February 2005
Effective: Fall 2005

Program: Motors and Controls Certificate

Hegis Code: 60711
Datatel Code: CT.EEMMC

			Class Hours	Lab Hours	Credit Hours
First Semester					
EEM	145	Control Circuits	2.0	3.0	3.0
			2.0	3.0	3.0
Second Semester					
EEM	215	DC/AC Machines	2.0	3.0	3.0
EEM	221	DC/AC Drives	2.0	3.0	3.0
			4.0	6.0	6.0
		Total Credit Hours			9.0

Approved: July 2007
Effective: Fall 2008

Program: Programmable Controls Certificate

Hegis Code: 60712
Datatel Code: CT.EEMPC

			Class Hours	Lab Hours	Credit Hours
First Semester					
EEM	251	Programmable Controllers	2.0	3.0	3.0
EEM	252	Programmable Controllers Applications	2.0	3.0	3.0
			4.0	6.0	6.0
Second Semester					
EEM	250	Programmable Logic Controllers	3.0	3.0	4.0
			3.0	3.0	4.0
		Total Credit Hours			10.0

Approved: October 2012
Effective: Fall 2013

Program: Residential/Commercial Wiring Certificate

Hegis Code: 60884
Datatel Code: CT.EEMRC

			Class Hours	Lab Hours	Credit Hours
First Semester					
BCT	105	Tool Usage and Safety	1.0	3.0	2.0
BCT	112	Construction Print Reading	2.0	0.0	2.0
BCT	141	Fixtures and Installation	2.0	3.0	3.0
EEM	105	Basic Electricity	1.0	3.0	2.0
EEM	141	Residential/Commercial Codes	3.0	0.0	3.0
EEM	165	Residential/Commercial Wiring	2.0	6.0	4.0
Total Credit Hours			11.0	15.0	16.0

Approved: May 2008
Effective: Fall 2008

Program: Mechatronics Technology I Certificate

Hegis Code: 71139
Datatel Code: CT.MT1

			Class Hours	Lab Hours	Credit Hours
First Semester					
EEM	117	AC/DC Circuits I	3.0	3.0	4.0
EEM	151	Motor Controls I	3.0	3.0	4.0
IMT	102	Industrial Safety	2.0	0.0	2.0
IMT	112	Hand Tool Operations	2.0	3.0	3.0
IMT	161	Mechanical Power Applications	3.0	3.0	4.0
			13.0	12.0	17.0
Second Semester					
AMT	105	Robotics and Automated Control I	2.0	3.0	3.0
EGR	104	Engineering Technology Foundation	3.0	0.0	3.0
IMT	104	Schematics	2.0	0.0	2.0
IMT	131	Hydraulics and Pneumatics	2.0	6.0	4.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			12.0	9.0	15.0
		Total Credit Hours			32.0

Approved: May 2008
Effective: Fall 2008

Program: Mechatronics Technology II Certificate

Hegis Code: 71140
Datatel Code: CT.MT2

			Class Hours	Lab Hours	Credit Hours
First Semester					
EEM	162	Introduction to Process Controls	2.0	3.0	3.0
EEM	201	Electronic Devices I	3.0	0.0	3.0
			5.0	3.0	6.0
Second Semester					
EEM	251	Programmable Controllers	2.0	3.0	3.0
EEM	252	Programmable Controller Applications	2.0	3.0	3.0
IMT	142	Electric Motors	1.0	3.0	2.0
IMT	170	Statistical Process Control	2.0	3.0	3.0
			7.0	12.0	11.0
Third Semester					
AMT	205	Robotics and Automated Control II	2.0	3.0	3.0
EEM	271	Sensors and System Interfacing	1.0	3.0	2.0
EEM	274	Technical/Systems Troubleshooting	3.0	3.0	4.0
			6.0	9.0	9.0
		Total Credit Hours			26.0

Approved: December 2002
Effective: Fall 2003

Program: Basic Welding Certificate

Hegis Code: 60820
Datatel Code: CT.WLDBW

			Class Hours	Lab Hours	Credit Hours
First Semester					
WLD	104	Gas Welding and Cutting	1.0	3.0	2.0
WLD	111	Arc Welding I	2.0	6.0	4.0
			3.0	9.0	6.0
Second Semester					
WLD	113	Arc Welding II	2.0	6.0	4.0
			2.0	6.0	4.0
		Total Credit Hours			10.0

Approved: March 2004
Effective: Fall 2004

Program: MIG/TIG/PIPE Welding Certificate

Hegis Code: 60822
Datatel Code: CT.WLDMT

			Class Hours	Lab Hours	Credit Hours
First Semester					
WLD	136	Advanced Inert Gas Welding	1.0	3.0	2.0
WLD	152	Tungsten Arc Welding	2.0	6.0	4.0
			3.0	9.0	6.0
Second Semester					
WLD	154	Pipe Fitting and Welding	3.0	3.0	4.0
			3.0	3.0	4.0
		Total Credit Hours			10.0

Approved: September 2013
Effective: Fall 2014

Program: Diploma in Applied Science
Major: Air Conditioning/Refrigeration Mechanics

Hegis Code: 15390
Datatel Code: DAS.ACR

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
ACR	102	Tool and Service Techniques	2.0	3.0	3.0
ACR	150	Basic Sheetmetal	1.0	3.0	2.0
BCT	112	Construction Print Reading	2.0	0.0	2.0
BCT	221	Construction Building Codes	3.0	0.0	3.0
EEM	105	Basic Electricity	1.0	3.0	2.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			13.0	9.0	16.0
Second Semester					
ACR	108	Refrigeration Fundamentals	2.0	3.0	3.0
ACR	110	Heating Fundamentals	3.0	3.0	4.0
ACR	120	Basic Air Conditioning	3.0	3.0	4.0
ACR	210	Heat Pumps	3.0	3.0	4.0
ECO	101	Basic Economics OR	-	-	-
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
			14.0	12.0	18.0
Third Semester					
ACR	220	Advanced Air Conditioning	3.0	3.0	4.0
ACR	221	Residential Load Calculations	2.0	0.0	2.0
EGR	110	Introduction to Computer Environment	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
			11.0	3.0	12.0
		Total Credit Hours			46.0

Approved: July 2008
Effective: Fall 2009

Program: Diploma in Applied Science
Major: Industrial Electricity/Electronics

Hegis Code: 15373
Datatel Code: DAS.EEM

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
EEM	117	DC/AC Circuits I	3.0	3.0	4.0
EEM	121	Electrical Measurements	3.0	0.0	3.0
EEM	140	National Electrical Code	3.0	0.0	3.0
EEM	145	Control Circuits	2.0	3.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			15.0	6.0	17.0
Second Semester					
EEM	201	Electronic Devices I	3.0	0.0	3.0
EEM	215	DC/AC Machines	2.0	3.0	3.0
EEM	221	DC/AC Drives	2.0	3.0	3.0
EEM	251	Programmable Controllers	2.0	3.0	3.0
EEM	252	Programmable Controllers Applications	2.0	3.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
			14.0	12.0	18.0
Third Semester					
ECO	101	Basic Economics OR			0.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
CIM	241	Automated Manufacturing Equipment	3.0	3.0	4.0
EEM	250	Programmable Logic Controllers	3.0	3.0	4.0
EEM	271	Sensors & Systems Interfacing	1.0	3.0	2.0
			10.0	9.0	13.0
		Total Credit Hours			48.0

Approved: September 2013
Effective: Fall 2014

Program: Diploma in Applied Science
Major: Engineering Graphics

Hegis Code: 15302
Datatel Code: DAS.EG

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CPT	170	Microcomputer Applications	3.0	0.0	3.0
EGT	110	Engineering Graphics I	3.0	3.0	4.0
HSS	205	Technology and Society	3.0	0.0	3.0
MAT	101	Beginning Algebra	3.0	0.0	3.0
			13.0	3.0	14.0
Second Semester					
EGR	175	Manufacturing Processes	3.0	0.0	3.0
EGT	105	Basic Civil Drafting	1.0	3.0	2.0
EGT	115	Engineering Graphics II	3.0	3.0	4.0
ENG	101	English Composition I	3.0	0.0	3.0
			10.0	6.0	12.0
Third Semester					
EGT	225	Architectural Drawing Applications	3.0	3.0	4.0
			3.0	3.0	4.0
Fourth Semester					
ECO	101	Basic Economics OR	-	-	-
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
EGR	170	Engineering Materials	2.0	3.0	3.0
EGT	252	Advanced CAD	2.0	3.0	3.0
		Electives	4.0	0.0	4.0
			11.0	6.0	13.0
		Total Credit Hours			43.0

Approved: February 2008
Effective: Fall 2008

Program: Diploma in Applied Science
Major: Industrial Maintenance Technology

Hegis Code: 15372
Datatel Code: DAS.IMT03

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
IMT	102	Industrial Safety	2.0	0.0	2.0
IMT	114	Benchwork and Assembly	1.0	3.0	2.0
IMT	120	Mechanical Installations	4.0	3.0	5.0
IMT	161	Mechanical Power Applications	3.0	3.0	4.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
			14.0	9.0	17.0
Second Semester					
ACR	110	Heating Fundamentals	3.0	3.0	4.0
ENG	155	Communications I	3.0	0.0	3.0
IMT	104	Schematics	2.0	0.0	2.0
IMT	131	Hydraulics and Pneumatics	2.0	6.0	4.0
WLD	142	Maintenance Welding	1.0	6.0	3.0
			11.0	15.0	16.0
Third Semester					
ACR	108	Refrigeration Fundamentals	2.0	3.0	3.0
ECO	101	Basic Economics OR			0.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
IMT	123	Air Compressors	2.0	0.0	2.0
IMT	151	Piping Systems	2.0	3.0	3.0
IMT	163	Problems Solving for Mechanical Applications	2.0	3.0	3.0
			11.0	9.0	14.0
		Total Credit Hours			47.0

Approved: March 2012
Effective: Fall 2012

Program: Diploma in Applied Science
Major: Machine Tool

Hegis Code: 15370
Datatel Code: DAS.MTT

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
EGT	128	Machine Tool Print Layout	2.0	0.0	2.0
ENG	155	Communications I	3.0	0.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
MTT	111	Machine Tool Theory & Practice I	3.0	6.0	5.0
MTT	141	Metals and Heat Treatment	3.0	0.0	3.0
			15.0	6.0	17.0
Second Semester					
ECO	101	Basic Economics OR	-	-	-
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
EGT	212	Machine Tool Print Topics	2.0	0.0	2.0
MTT	124	Machine Tool Practice II	3.0	3.0	4.0
MTT	126	Machine Tool Practice III	3.0	3.0	4.0
MTT	254	CNC Programming I	2.0	3.0	3.0
			13.0	9.0	16.0
Third Semester					
MTT	147	Tool and Cutter Grinding	2.0	0.0	2.0
MTT	215	Tool Room Machining I	3.0	3.0	4.0
MTT	216	Tool Room Machining II	3.0	3.0	4.0
MTT	255	CNC Programming II	2.0	3.0	3.0
			10.0	9.0	13.0
		Total Credit Hours			46.0

Approved: September 2011
Effective: Fall 2012

Program: Applied Science
Major: Teleproduction Technology

Hegis Code: 15366
Datatel Code: DAS.TPT

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
CGC	115	Digital Photography	2.0	3.0	3.0
ECO	101	Basic Economics OR	-	-	-
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
ENG	155	Communications I	3.0	0.0	3.0
RTV	101	Audio Techniques	2.0	3.0	3.0
RTV	105	Television Studio Operation	3.0	0.0	3.0
RTV	202	Teleproduction Externship I	0.0	3.0	1.0
			14.0	9.0	17.0
Second Semester					
HSS	205	Technology and Society	3.0	0.0	3.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
RTV	103	Field Operations	3.0	0.0	3.0
RTV	108	Digital Multimedia I	3.0	0.0	3.0
RTV	110	Writing for Television	3.0	0.0	3.0
RTV	203	Teleproduction Externship II	0.0	6.0	2.0
			15.0	6.0	17.0
Third Semester					
RTV	107	Producing and Directing	3.0	0.0	3.0
RTV	204	Teleproduction Externship III	0.0	6.0	2.0
RTV	205	Broadcast Electronics	2.0	3.0	3.0
		Elective	3.0	0.0	3.0
			8.0	9.0	11.0
		Total Credit Hours			45.0

Approved: February 2008
Effective: Fall 2008

Program: Diploma in Applied Science
Major: Welding

Hegis Code: 15308
Datatel Code: DAS.WLD

			Class Hours	Lab Hours	Credit Hours
First Semester					
COL	101	College Orientation	1.0	0.0	1.0
EGT	114	Welding Print Basics	2.0	0.0	2.0
IMT	102	Industrial Safety	2.0	0.0	2.0
MAT	155	Contemporary Mathematics	3.0	0.0	3.0
WLD	104	Gas Welding and Cutting	1.0	3.0	2.0
WLD	111	Arc Welding I	2.0	6.0	4.0
			11.0	9.0	14.0
Second Semester					
ECO	101	Basic Economics OR			0.0
PSY	105	Personal/Interpersonal Psychology	3.0	0.0	3.0
EGT	117	Welding Print Topics	2.0	0.0	2.0
WLD	113	Arc Welding II	2.0	6.0	4.0
WLD	136	Advanced Inert Gas Welding	1.0	3.0	2.0
WLD	152	Tungsten Arc Welding	2.0	6.0	4.0
			10.0	15.0	15.0
Third Semester					
ENG	155	Communications I	3.0	0.0	3.0
WLD	154	Pipe Fitting and Welding	3.0	3.0	4.0
WLD	201	Welding Metallurgy	2.0	0.0	2.0
WLD	208	Advanced Pipe Welding	2.0	3.0	3.0
WLD	212	Destructive Testing	2.0	0.0	2.0
			12.0	6.0	14.0
		Total Credit Hours			43.0