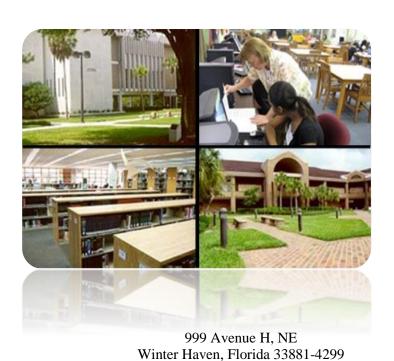
PROGRAM LEARNING OUTCOMES/ CURRICULUM GRIDS/ PROGRAM ASSESSMENTS 2013-14



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ASSOCIATE IN SCIENCE DEGREES





ACCOUNTING TECHNOLOGY

Program: AS-25020

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Perform college level math computations.
- 2. Perform keyboarding/typewriting activities necessary for an entry level accounting position.
- 3. Communicate effectively in writing.
- 4. Demonstrate the ability to communicate verbally commensurate with an entry level management position.
- 5. Identify leadership skills and traits.
- 6. Demonstrate an understanding of our economic system.
- 7. Demonstrate an understanding of human relation skills.
- 8. Demonstrate an understanding of financial, management, and tax accounting commensurate with an entry level position in accounting.
- 9. Choose an appropriate course of action based on legal and ethical issues.



ACCOUNTING TECHNOLOGY

Program: AS-25020

	110graiii. A5-25020									
	PROGRAM LEARNING OUTCOMES (PLO) - ACCOUNTING TECHNOLOGY									
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
		Perform college	Perform	Communicate	Demonstrate	Identify	Demonstrate an	Demonstrate an	Demonstrate an	Choose an
	courses within your program.	level math	keyboarding/	effectively in	the ability to	leadership	understanding of	understanding of	understanding of	appropriate
		computations.	typewriting activities	writing.	communicate verbally	skills and traits.	our economic system.	human relation skills.	financial, management, and	course of action based
			necessary for		commensurate	traits.	system.	SKIIIS.	tax accounting	on legal and
			an entry level		with an entry				commensurate	ethical issues.
			accounting		level				with an entry	
	COURSE PREFIX & NUMBER		position.		management position.				level position in accounting.	
1	ACG 2001	X			position.				X	
2	ACG 2011	X							X	
3	ACG 2100	X							X	
4	ACG 2071	X							X	
5	ACG 2450	X							X	
6	APA 2135	X							X	
7	APA 2136	X							X	
8	BUL 2241			X						X
9	CGS 1100		X							
10	CGS 1510		X							
11	ECO 2013						X			
12	GEB 1011				X	X		X		
13	TAX 2000	X							X	
	ELECTIVES	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
1	ENC 2210 or			X	X					
2	OST 1335			X	X					
	GENERAL EDUCATION	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
1	MGF 1106 or MAC 1105	X								
2	ENC 1101			X						

Program: AS-25020



ACCOUNTING TECHNOLOGY

PROGRAM ASSESSMENT

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement
	TVICTIOG(B)		(Recommendations/
			Follow-up)
PLO 1: Perform college level	ACG 2011 Principles of		ronow up)
math computations.	Financial Accounting II		
main computations.	T maneral rice canting if		
	75% of students enrolled will		
	score at least a 40% on the pre-		
	test and 70% on the post- test		
	exams.		
PLO 2: Perform	CGS 1100		
keyboarding/typewriting	Business Applications on		
activities necessary for an	Microcomputers		
entry level accounting	The state of the s		
position.	SAM 2007 Assessment		
	Comprehensive Final Exam with		
	a 70% passing rate.		
PLO 3: Communicate	OST 1335		
effectively in writing.	Business Communications		
	(Hulsey)		
	80% of students will score a		
	75% or above on job portfolio.		
PLO 4: Demonstrate the	ENC 2210		
ability to communicate	Introduction to Technical &		
verbally commensurate with an	Professional Writing		
entry level management			
position.	70% of the students will earn a		
	60% or more on a portfolio of		
	seven documents utilizing the		

	elements of technical and	
DI O 5: Identify leadenship	professional writing.	
PLO 5: Identify leadership	GEB 1011	
skills and traits.	0.504 6 . 1	
	85% of students will	
	score/achieve a 75% or above on	
	business plan project, scored	
	with rubric.	
PLO 6: Demonstrate an	ECO 2013	
understanding of our economic		
system.	70% of students enrolled will	
	score 75% or above in a	
	comprehensive course final.	
PLO 7: Demonstrate an	GEB 1011	
understanding of human	85% of students will	
relation skills.	score/achieve a 75% or above on	
	business plan project, scored	
	with rubric.	
PLO 8: Demonstrate an	ACG 2071 Managerial	
understanding of financial,	Accounting & TAX 2000	
management, and tax		
accounting commensurate with	ACG 2011 Principles of	
an entry level position in	Financial Accounting II	
accounting.		
8	75% of students enrolled will	
	score at least a 40% on the pre-	
	test and 70% on the post test	
	exams.	
PLO 9: Choose an appropriate	BUL 2241	
course of action based on legal		
and ethical issues.	"80% of students will	
	demonstrate an understanding of	
	the legal system, issues, and	
	analysis by passing a	
	comprehensive exam with a 75%	
	or higher.	
	or inglier.	



AEROSPACE ADMINISTRATION

Program: AS-26130

PROGRAM LEARNING OUTCOMES

Upon completion of the Aerospace Administration Program, the graduate will be able to:

- 1. Employ an understanding of basic aviation terminology and history.
- 2. Describe and assess efficient and prudent aviation operations practices, limitations, and procedures.
- 3. Explain pertinent U.S. Code of Federal Regulations Title 14, the National Transportation Safety Board (NTSB), and Transportation Security Administration (TSA).
- 4. Demonstrate appropriate skills and techniques of airline and airport management practices, including leadership, communications, directing, planning and controlling.
- 5. Explain and evaluate aviation security issues and responses.
- 6. Describe and demonstrate effective techniques in aviation/airline marketing, customer service/sales/distribution and reservations/ticketing.
- 7. Demonstrate an understanding of aviation meteorology and basic aerodynamics knowledge.
- 8. Demonstrate an understanding of aviation safety and human factors, including accident prevention.
- 9. Demonstrate an understanding of air traffic control procedures and policies.
- 10. Demonstrate an understanding of air cargo operations and procedures.



AEROSPACE ADMINISTRATION

Program: AS-26130

				PROGRAM	LEARNING OU	TCOMES (I	PLO) – Aerosp	ace Adminis	stration		
Req	uired Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Employ an understanding of basic aviation terminology and history.	Describe and assess efficient and prudent aviation operations practices, limitations, and procedures.	Explain pertinent U.S. Code of Federal Regulations Title 14, the National Transportation Safety Board (NTSB), and the Transportation Security Administration (TSA)	Demonstrate appropriate skills and techniques of airline and airport management practices, including leadership, communications, directing, planning and controlling.	Explain and evaluate aviation security issues and responses.	Describe and demonstrate effective techniques in aviation/airline marketing, customer service/sales/distribution and reservations/ticketing.	Demonstrate an understanding of aviation meteorology and basic aerodynamics knowledge.	Demonstrate an understanding of aviation safety and human factors, including accident prevention.	Demonstrate an understanding of air traffic control procedures and policies.	Demonstrate an understanding of air cargo operations and procedures.
1	ASC1010	A	X	X				A	X	A	
2	ASC1210		X					A	X	X	
3	ASC1310		X	A		X					
4	ASC2870		X						A		
5	GEB1011										
6	GEB2214										
7	CGS1100										
8	AVM1010	X	X	X	X	X	X				X
9	AVM1022		X	X		X		X	X	X	X
10	AVM2410		A	X	A	A	X		X		
11	AVM2510		X	X	A	X	A		X		A
12	ATF1601L		X	X				X	X	X	
	ELECTIVES	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
1	INP1390										
2	MAN2021										
3	MAR2011		***	***		***	***		***		
4	AVM2111		X	X	37	X	X		X		37
5	AVM2120		X	X	X	X	X		X		X
6	ASC2949		X		X	X	X		X		



AEROSPACE ADMINISTRATION

Program: AS-26130

PROGRAM ASSESSMENTS: AY 2015-2016

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Employ an understanding of basic aviation terminology and history.	Assessment Measure: 80% of ASC 1010 students receive passing scores on a comprehensive final exam that encompasses basic aviation terminology and history.		
PLO 2: Describe and assess efficient and prudent aviation operations practices, limitations, and procedures.	80% of AVM 2410 students will receive a passing score on a cumulative written paper and oral presentation discussing operational and safety challenges in airport management.		
PLO 3: Explain pertinent U.S. Code of Federal Regulations Title 14, the National Transportation Safety Board (NTSB), and the Transportation Security Administration (TSA)	80% of ASC 1310 students will receive a passing score on an oral presentation and summary paper which applies pertinent aviation rules and regulations to a current event in aviation.		
PLO 4: Demonstrate appropriate skills and techniques of airline and airport management practices, including leadership, communications, directing, planning and controlling.	Assessment Measure 1: 80% of AVM 2410 students receive passing scores on a cumulative final exam of airport management practices, policies, procedures, and knowledge. Assessment Measure 2: 80% of AVM 2510		
	students receive passing scores on a cumulative final exam of air carrier management practices, policies, procedures, and knowledge.		

		_		
C O	LL	E	G	Ε

PLO 5: Explain and	80% of AVM 2410	
evaluate aviation	students will receive	
security issues and	passing scores on an in-	
responses.	class, graded airport	
	security vulnerability	
	assignment.	
PLO 6: Describe and	80% of AVM2510	
demonstrate effective	students will receive	
techniques in	passing scores on an oral	
aviation/airline	presentation and summary	
marketing, customer	paper including the topics	
service/sales/distribution	of air carrier marketing,	
and	customer service, sales,	
reservations/ticketing.	distribution, reservations,	
reservations/tiereting.	and ticketing.	
PLO 7: Demonstrate an	Assessment Measure 1:	
	80% of ASC 1010	
understanding of		
aviation meteorology	students will receive	
and basic aerodynamics	passing scores on a course	
knowledge.	exam including	
	aerodynamics.	
	Assessment Measure 2:	
	80% of ASC 1210	
	students will receive a	
	passing score on a weather	
	briefing guide assignment	
	which explains the process	
	of obtaining the briefing as	
	well as how to use that	
	information to plan and	
	conduct safe flight	
	operations.	
PLO 8: Demonstrate an	Assessment Measure 1:	
understanding of	80% of ASC 2870	
aviation safety and	students will receive a	
human factors, including	passing score on a	
accident prevention.	cumulative course oral	
accident prevention.	presentation on the topics	
	_	
	of aviation safety, human	
	factors, and accident	
DI O O Dame to t	prevention.	
procedures and policies.		
	limitations, regulations,	
	and air traffic control	
	procedures.	
PLO 9: Demonstrate an understanding of air traffic control procedures and policies.	and air traffic control	

PLO 10: Demonstrate an understanding of air cargo operations and	Assessment Measure: 80% of AVM 2510 students receive passing	
procedures.	scores on the cumulative final exam which includes content in air cargo	
	operations and procedures.	



Program: AS-25031, AS-25033, AS-25032, AS-25034

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- Assess firm's financial results of operations to determine appropriate actions or strategies as compiled from basic journal entries, posting, and summarizing financial data from asset side of balance sheet.
- 2. Assess firm's financial results of operations to determine appropriate actions or strategies as compiled from basic journal entries, posting and summarizing financial data from the liability side of balance sheet.
- 3. Appraise outcomes of legal decisions to determine appropriate strategies
- 4. Understand the operation and use of computers
- 5. Combine word processing, spreadsheet, database and internet skills in the generation of business projects.
- 6. Evaluate macroeconomic environment in which businesses operate to determine appropriate actions.
- 7. Assess market environment in which businesses operate to determine appropriate strategies.
- 8. Assess financial environment in which business firms operate to determine appropriate actions.
- 9. Understand the various purposes and functions of business types, operations, tasks and organizations.
- 10. Relate well with coworkers, supervisors, subordinates and customers.
- 11. Integrate customer needs as the focus of business decisions.
- 12. Recommend appropriate strategies to reach different target markets
- 13. Utilize a management style that will adapt to the situation.
- 14. Apply legal and ethical practices to human resource management
- 15. Demonstrate the skills which are necessary for employment in the field of business.

Program: AS-25031 Management

- Understand the relationship of managerial accounting to control and decision making functions of management.
- 2. Use proper business terminology and practice in oral and written communication.

Program: AS-25033 Insurance

- 1. Demonstrate knowledge and application of insurance product and service technology.
- 2. Maintain appropriate business records for an insurance agency.
- 3. Demonstrate knowledge and application of insurance claims adjustments and liability.

Program: AS-25032 Marketing

- 1. Employ successful selling techniques.
- 2. Select effective strategies to be used by retail establishments.
- 3. Apply effective media alternatives to business strategies.

Program: AS-25034 Healthcare Administration

- 1. Use terminology unique to the healthcare industry correctly.
- 2. Explain the role of local, state, and federal government in healthcare delivery.
- 3. Examine the role of accreditation standards and payment systems on healthcare delivery.
- 4. Explain the importance of data analysis, quality assurance processes, and assessment methodologies in healthcare administration.
- 5. Recognize administrative and business functions in a healthcare setting.
- 6. Discuss legal and ethical issues in healthcare administration.



SBM 2000

BUSINESS ADMINISTRATION

Program: AS-25031, AS-25033, AS-25032, AS-25034

PROGRAM LEARNING OUTCOMES (PLO) - Business Administration (AS) **Required Technical** PLO 9 **PLO 14** Courses PLO 1 PLO 2 PLO 3 PLO 4 PLO 5 PLO 6 PLO 7 PLO 8 PLO 10 PLO 11 **PLO 12 PLO 13 PLO 15** Relate well Please enter all Assess Assess Appraise Understand Combine Evaluate Assess Assess Understand Integrate Recommen Utilize a Apply legal Demonstrat firm's firm's outcomes of word economic market financial the various with customer managemen and ethical e the skills required style that which are financial financial legal operation processing, environmen environmen environmen purposes coworkers, needs as the appropriate practices to technical courses spreadsheet, will adapt results of results of decisions to and use of t in which t in which t in which and strategies to supervisors, focus of human necessary within your database operations operations determine computers. businesses businesses functions of subordinate business reach to the business resource for program. different and internet business and situation. managemen appropriate operate to operate to firms decisions. employmen determine skills in the t in the field determine strategies. determine determine operate to types, customers. target generation appropriate operations, markets. of business. appropriate appropriate appropriate determine strategies. appropriate actions or actions or of business actions. tasks and strategies as strategies as projects. strategies. organizatio compiled compiled ns. from basic from basic journal journal entries, entries, posting, and posting, and summarizin summarizin g financial g financial data from data from the asset the liability side of the side of balance balance sheet. sheet. COURSE PREFIX & NUMBER X ACG 2001 X ACG 2011 X 3 BUL 2241 4 CGS 1100 X X 5 ECO 2013 X X X 6 ECO 2023 X 7 INP 1390 8 MAN 2021 X 9 X X MAR 2011 PLO₂ PLO 3 PLO 4 PLO 5 PLO 6 PLO 7 PLO8 PLO9 **PLO 10 PLO 11 PLO 12 PLO 13 PLO 14 PLO 15** PLO₁ **ELECTIVES** X GEB 1011 2 ENT 1000 3 **GEB 2214** ENC 2210 4 X FIN 2000



Program: AS-25031, AS-25033, AS-25032, AS-25034

	Program: AS-23031, AS-23032, AS-23022, AS-2302								
	Required Technical	Manag	gement	Insurance					
	Courses	PLO 1	PLO 2	PLO 1	PLO 2	PLO 3			
P	ease enter all required technical urses within your program. COURSE PREFIX &	Understand the relationship of managerial accounting to control and decision making functions of management.	Use proper business terminology and practice in oral and written communication.	Demonstrate knowledge and application of insurance product and service	Maintain appropriate business records for an insurance agency.	Demonstrate knowledge and application of insurance claims adjustments and			
	NUMBER			technology.		liability.			
	MANAGEMENT	PLO 1	PLO 2	<u> </u>		_			
1	ACG 2071								
2	MAN 2300								
3	MAN 2941								
	ELECTIVES								
1	ACG 2450								
2	BUL 2131								
3	ENT 2112								
4	GEB 2350								
5	ISM 2000								
6	MAN 2440								
7	MKA 2021								
8	MKA 2041								
	INSURANCE			PLO 1	PLO 2	PLO 3			
1	RMI 2616								
2	RMI 2941								
	ELECTIVES								
1	RMI 1613								
2	RMI 1631								
3	HSA 2117								
4	MKA 2021								
5	MAN 2300								



Program: AS-25031, AS-25033, AS-25032, AS-25034

	Program: AS-25031, AS-25032, AS-2503								2, AS-25034	
	PROGRAM LEARNING OUTCOMES (PLO) - Business Administration (AS)									
	Required Technical Marketing				Healthcare Administration					
	Courses	PLO 1	PLO 2	PLO 3	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6
tec	case enter all required hnical courses within your ogram. COURSE PREFIX & NUMBER	Employ successful selling techniques.	Select effective strategies to be used by retail establishment s.	Apply effective media alternatives to business strategies.	Use terminology unique to the healthcare industry correctly.	Explain the role of local, state, and federal government in healthcare delivery.	Examine the role of accreditation standards and payment systems on healthcare delivery.	Explain the importance of data analysis, quality assurance processes, and assessment methodologi es in healthcare administrati on.	Recognize a dministrativ e and business functions in a healthcare setting.	Discuss legal and ethical issues in healthcare a dministratio n.
	MARKETING	PLO 1	PLO 2	PLO 3						
1	MKA 2511									
2	MKA 2021									
3	MKA 2041									
4	MAR 2941									
	HEALTHCARE ADMINISTRATION				PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6
1	HSA 1100									
2	HSC 1531									
3	HSA 2117									
4	HSA 2941									

Program: AS-25031

PROGRAM ASSESSMENT

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Assess firm's financial	ACG 2001-Principles of		
results of operations to	Financial Accounting I		
determine appropriate actions or strategies as compiled from	75% of students enrolled will		
basic journal entries, posting,	score at least a 40% on the pre-		
and summarizing financial	test and 70% on the post-test		
data from the asset side of the balance sheet.	exams.		
PLO 2: Assess firm's financial	ACG 2011-Principles of		
results of operations to	Financial Accounting II		
determine appropriate actions			
or strategies as compiled from	75% of students enrolled will		
basic journal entries, posting,	score at least a 40% on the pre-		
and summarizing financial data from the liability side of	test and 70% on the post-test exams.		
balance sheet.			
PLO 3: Appraise outcomes of	BUL 2241-Business Law		
legal decisions to determine	"80% of students will		
appropriate strategies.	demonstrate an understanding		
	of the legal system, issues, and		
	analysis by passing a		
	comprehensive exam with a		
PLO 4: Understand the	75% or higher." CGS 1061 Introduction to		
operation and use of	Computers and Information		
computers.	Systems		
•			
	SAM 2007 Assessment		
	Comprehensive Final Exam with a 70% passing rate.		
PLO 5: Combine word	CGS 1061-Introduction to		
processing, spreadsheet,	Computers and Information		
database and internet skills in	Systems		
the generation of business	GAN 2007 A		
projects.	SAM 2007 Assessment Comprehensive Final Exam		
	with a 70% passing rate.		
PLO 6: Evaluate economic	ECO 2013-Principles of		
environment in which	Macroeconomics		
businesses operate to	70% of students enrolled will		
determine appropriate actions.	score 75% or above in a		
	comprehensive course final.		

COLLEGE

DI O 7. Assass montret	ECO 2022 Principles of	
PLO 7: Assess market environment in which	ECO 2023-Principles of Microeconomics	
	70% of students enrolled will	
businesses operate to	score 75% or above in a	
determine appropriate		
strategies. PLO 8: Assess financial	comprehensive course final.	
environment in which	FIN 2000-Principles of Finance 70% of students enrolled will	
	score 75% or above in a	
business firms operate to determine appropriate	comprehensive course final.	
strategies.	comprehensive course imai.	
PLO 9: Understand the	GEB 1011-Introduction to	
various purposes and	Business	
functions of business types,	Dusiness	
operations, tasks and	85% of students will	
organizations.	score/achieve a 75% or above	
organizations.	on business plan project, scored	
	with rubric.	
PLO 10: Relate well with	INP 1390-Human Relations in	
coworkers, supervisors,	Business and Industry	
subordinates and customers.		
	80 % of students will	
	score/achieve a 75% or above	
	on instructor developed	
	comprehensive final exam.	
PLO 11: Integrate customer	MAR 2011-Principles of	
needs as the focus of business	Marketing	
decisions.		
	80 % of students will	
	score/achieve a 75% or above	
	on instructor developed	
	comprehensive final exam.	
PLO 12: Recommend	MAR 2011-Principles of	
	Marketing	
different target markets.	00.04 6 . 1	
	80 % of students will	
	score/achieve a 75% or above	
	on instructor developed	
PLO 13: Utilize a	comprehensive final exam.	
	MAN 2021-Principles of Management	
adapt to the situation.	ivianagement	
acapt to the situation.	80% of students will	
	score/achieve a 75% or above	
	on instructor developed	
	comprehensive final exam.	
PLO 14: Apply legal and	MAN 2300-Principles of	
ethical practices to human	Human Resources Management	
resource management.		
	80% of students will score a	
	75% or above on an instructor	
	developed comprehensive final.	

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DI O 15 D	D .: C AAGD :	I	1
PLO 15: Demonstrate the	Practicum for AAS Business		
skills which are necessary for	Administration		
employment in the field of	MAN 2941- Management		
business.	RMI 2941 – Insurance		
	MKA 2941- Marketing		
	(Moore)		
	100% of students will		
	score/achieve a 90%-or above		
	on instructor developed		
	practicum project manual.		
Specialization: Management			
PLO 1: Understand the	ACG 2071-Managerial		
relationship of managerial	Accounting		
accounting to control and			
decision making functions of	75% of students enrolled will		
management.	score at least a 40% on the pre-		
management.	test and 70% on the post-test		
	exams.		
PLO 2: Use proper business	ENC 2210		
terminology and practice in	Introduction to Technical &		
oral and written	Professional Writing		
communication.	Frotessional Witting		
communication.	700/ of the attribute will some		
	70% of the students will earn a		
	60% or more on a portfolio of		
	seven documents utilizing the		
	elements of technical and		
	professional writing.		
Specialization: Insurance	D) (7.1.610 D)	T	T 1
PLO 1: Demonstrate	RMI 1613-Principles of		
knowledge and application of	Property Insurance		
insurance product and service			
technology.	100% of students have		
	successfully passed the		
	RCSR (Registered Customer		
	Service Representative) or		
	General Lines Agent (GLA)		
	industry certification exam.		
PLO 2: Maintain appropriate	RMI 1613-Principles of		
business records for an	Property Insurance		
insurance agency.			
	100% of students have		
	successfully passed the RCSR		
	(Registered Customer Service		
	Representative) or General		
	Lines Agent (GLA) industry		
	certification exam.		
PLO 3: Demonstrate	RMI 1631-Principles of		
knowledge and application of	Liability & Claim Adjusting:		
insurance claims adjustments	Accredited Claims Adjuster		
_	Accredited Claims Adjuster		
and liability.			

100% of students have successfully passed the Accredited Claims Adjuster (ACA) or General Lines Agent (GLA) industry certification exam. **Specialization: Marketing** PLO 1: Employ successful MKA 2021-Principles of selling techniques. Selling 80 % of students will score/achieve a 75% or above on instructor developed comprehensive final project. PLO 2: Select effective MKA 2041-Principles of strategies to be used by retail Retailing establishments. 80 % of students will score/achieve a 75% or above on instructor developed comprehensive final exam. MKA 2511-Advertising PLO 3: Apply effective media alternatives to business strategies. 80 % of students will score/achieve a 75% or above on instructor developed comprehensive final exam. **Specialization: Healthcare** Administration PLO 1: Use terminology unique to the healthcare industry correctly. PLO 2: Explain the role of local, state, and federal government in healthcare delivery. PLO 3: Examine the role of accreditation standards and payment systems on healthcare delivery. PLO 4: Explain the importance of data analysis, quality assurance processes, and assessment methodologies in healthcare administration. PLO 5: Recognize administrative and business functions in a healthcare setting.



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DI O 6 Di 1 1		
PLO 6: Discuss legal and		
ethical issues in healthcare		
administration.		

BUSINESS OPERATIONAL MANAGEMENT

Program: AS-25050

PROGRAM LEARNING OUTCOMES

After successfully completing the program, the student should be able to:

- 1. Apply supervision skills through the management of self and the motivation of others.
- 2. Understand human behavior and how it impacts the management of an organization.
- 3. Assess firm's financial results of operations to determine appropriate actions or strategies.
- 4. Demonstrate appropriate communication skills.
- 5. Demonstrate appropriate math skills.
- 6. Demonstrate appropriate understanding of basic science.
- 7. Demonstrate an understanding of a business enterprise and entrepreneurship.
- Demonstrate knowledge of data-processing activities.
- 9. Appraise outcomes of legal decisions to determine appropriate strategies.
- 10. Identify, classify, and demonstrate management functions.
- 11. Demonstrate an understanding of technical or industrial competencies.

COLLEGE

BUSINESS OPERATIONAL MANAGEMENT

Program: AS-25050

	110gruin. 115 25050											
		PRC	GRAM LEA	ARNING O	UTCOMES (P	LO) - Busir	iess Operat	ional Manage	ment			
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
	Please enter all required technical courses within your program.	supervision skills through the	human behavior and how it impacts the	Assess firm's financial results of operations to	appropriate	Demonstrate appropriate math skills.	appropriate	Demonstrate an understanding of a business enterprise and entrepreneurship.	Demonstrate knowledge of data- processing activities.	Appraise outcomes of legal decisions to determine appropriate	classify, and demonstrate	Demonstrate an understanding of technical or industrial competencies.
	COURSE PREFIX & NUMBER	the motivation of others.	of an organization.	determine appropriate actions or strategies.						strategies		competencies.
1	GEB 1011							X				
2	MAN 2021	X									X	
3	ACG 2072			X					X			
4	CGS 1100								X			
5	MAN 2300		X									
6	OST 1335				X							
7	BUL 2241									X		
	General Education											
	Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
1	MATH ELECTIVE					X						
2	SCIENCE ELECTIVE						X					
3	ENC 1101				X							
	Elective Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
1	INP 1390		X									
2	MAR 2011											
3	MAN 2440											
4	ENC 2210				X							
5	CGS 1510								X			
6	FIN 2000	1		X						1		
7	CGS 1061											
8	ISM 2000								X			
9	Technical Transfer								X			X

BUSINESS OPERATIONAL MANAGEMENT

Programs: AS-25050

PROGRAM ASSESSMENT

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement
			(Recommendations/ Follow-up)
PLO 1: Apply supervision	MAN 2021 Principles of		•
skills through the management	Management (Moore)		
of self and the motivation of			
others.	80 % of students will		
	score/achieve a 75% or above on		
	instructor developed		
	comprehensive final exam.		
PLO 2: Understand human	INP 1390 Human Relations in		
behavior and how it impacts	Business and Industry (Moore)		
the management of an			
organization.	80 % of students will		
	score/achieve a 75% or above on		
	instructor developed		
PLO 3: Assess firm's financial	comprehensive final exam.		
results of operations to	ACG 2072 Accounting for Professionals		
_	(Mitchell/Woodward)		
determine appropriate actions or strategies.			
	Pre test		
77.0.1.7	Post test		
PLO 4: Demonstrate	OST 1335 Business		
appropriate communication	Communications		
skills.	(Hulsey)		
	80% of students will score a		
	75% or above on business		
	presentation.		
PLO 5: Demonstrate appropriate math skills	GEN ED ELECTIVE		
appropriate matri skins			
PLO 6: Demonstrate	GEN ED ELECTIVE		
appropriate understanding of			
basic science.			
PLO 7: Demonstrate an	GEB 1011 Introduction to		
understanding of a business	Business (Moore)		
enterprise and			
entrepreneurship.	85 % of students will		
	score/achieve a 75% or above on		
	business plan project, scored		
	with rubric.		

PLO8: Demonstrate CGS 1100 Business knowledge of data processing **Applications on Microcomputers** activities. (Ivey) SAM 2007 Assessment Comprehensive Final Exam with a 70% passing rate. PLO 9: Appraise outcomes of BUL 2241 Business Law legal decisions to determine (Wilder) appropriate strategies. 80% of students will demonstrate mastery in the areas of legal and ethical analysis by passing a comprehensive final exam with a 75% or higher. PLO 10: Identify, classify, and MAN 2021 Principles of Management (Moore) demonstrate management functions. 80 % of students will score/achieve a 75% or above on instructor developed comprehensive final exam. Technical Transfer Cluster-PLO 11: Demonstrate an understanding of technical or Achievement of certificate from industrial competencies. career center.



CARDIOVASCULAR TECHNOLOGY

Program: AS-25560

PROGRAM LEARNING OUTCOMES

After successfully completing the program, the student should be able to:

- 1. Demonstrate "technical procedure skills" necessary to assist the cardiologist during diagnostic and interventional cardiac and peripheral procedures in the cardiac catheterization lab.
- 2. Demonstrate basic patient care skills.
- 3. Demonstrate effective oral and written communication.
- 4. Demonstrate the "critical thinking skills" necessary to acquire the Advanced Cardiac Life Support (ACLS) certification and the Registered Cardiovascular Invasive Specialist (RCIS) credential.



CARDIOVASCULAR TECHNOLOGY

Program: AS-25560

	PROGRAM	LEARNING OUTCOMI	ES (PLO) - CARDIOVA	ASCULAR TECHNOLOG	GY
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Demonstrate "technical procedure skills" necessary to assist the cardiologist during diagnostic and interventional cardiac and peripheral procedures in the cardiac catheterization lab.	Demonstrate basic patient care skills.	Demonstrate effective oral and written communication.	Demonstrate the "critical thinking skills" necessary to acquire the Advanced Cardiac Life Support (ACLS) certification and the Registered Cardiovascular Invasive Specialist (RCIS) credential.
1	CVT 1000	X	X	X	X
2	CVT 2500	X		X	X
3	CVT 1261	X		X	X
4	CVT 1220	X		X	X
5	CVT 1800L				
6	CVT 2100L	X	X	X	X
7	CVT 2420C	X		X	X
8	CVT 2110L	X	X	X	X
9	CVT 2511	X		X	X
10	CVT 2120L	X	X	X	X
11	CVT 2421C	X			X
12	CVT 2843L	X	X	X	X
13	CVT 2211	X	X	X	X
14	CVT 2844L	X	X	X	X



CARDIOVASCULAR TECHNOLOGY

Program: AS-25560

PROGRAM ASSESSMENT

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate "Technical Procedure Skills" necessary to assist the cardiologist during diagnostic and interventional cardiac and peripheral procedures in the cardiac catheterization lab.	80% of students will earn 2 or higher on the essential criteria listed for the 8 final competencies required in the final clinical course CVT2844L.		
PLO 2: Demonstrate basic patient care skills.	80% of students will earn a "Satisfactory" performance on all 6 Airside Lab Competency Check-off simulations in CVT2120L.		
PLO 3: Demonstrate effective oral and written communication.	80% of students will achieve a 75% or higher on oral presentations on pre-selected interventional topics in CVT2420.		
PLO 4: Demonstrate the "Critical Thinking Skills" necessary to acquire the Advanced Cardiac Life Support (ACLS) certification and Registered Cardiovascular Invasive Specialist (RCIS) credential.	1≥100% of students will attain ACLS certification (pass/fail) during CVT2211C. 2≥80% of students will pass the Basic Science and RCIS registry review exams with 75% or better during CVT2211C.		



COMPUTER NETWORK ENGINEERING TECHNOLOGY – Program will be end termed effective Summer 2016.

Programs: AS-25261, AS-25264, AS-25265, AS-25266, AS-25267

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

Core Requirements for all Programs

- 1. Demonstrate computer network installation, maintenance and repair skills.
- 2. Design, install and troubleshoot a Local Area Network (LAN).
- 3. Describe the fundamentals of Wide Area Networking (WAN).
- 4. Configure Active Directory in Microsoft's Windows Server 2008 network operating system.
- 5. Demonstrate a knowledge of computer network security concepts and techniques.
- 6. Demonstrate a knowledge of basic project management concepts and management tools.
- 7. Perform fundamental desktop management skills using a Linux based operating system.
- 8. Perform fundamental desktop management skills using a current Microsoft client operating system.
- 9. Demonstrate a knowledge of wireless LAN.
- 10. Troubleshoot and repair computer hardware and software problems.
- 11. Configure a network infrastructure using Microsoft's Windows Server 2008 network operating system.
- 12. Demonstrate the skills needed to administer, maintain and troubleshoot Microsoft's Windows Server 2008 network operating system.
- 13. Methodology to fix switching and routing problems.

Program Specialization: Cisco AS-25264

- 1. Demonstrate advanced skills required to implement and support enterprise-class switched networks with integrated voice and wireless applications.
- 2. Demonstrate advanced skills required to implement and support enterprise-class IP routing networks.
- 3. Demonstrate advanced skills required to optimize QoS in converged networks that support voice, wireless and security applications.

Program Specialization: Linux AS-25265

1. Demonstrate skills required to configure DNS, DHCP, print services and network monitoring.

- COLLEGE
- 2. Implement Linux security concepts, packet filtering, VPN and intrusion detection.
- 3. Install, update, manage and monitor Linux servers.
- 4. Develop shell scripts and security.

Program Specialization: Microsoft MCITP Enterprise AS-25261

- 1. Configure, deploy and manage the applications that come with Microsoft's Windows Server 2008.
- 2. Design and plan a Microsoft Windows Server 2008 Network and Active Directory infrastructure in large environments.
- 3. Install and manage an Exchange Server 2007 network of servers.

Program Specialization: Security AS-25266

- 1. Recognize and be able to differentiate and explain different access control models.
- 2. Recognize the types of malicious code and specify the appropriate action to take to mitigate vulnerability and risk.
- 3. Demonstrate knowledge of security concerns and concepts of hardware devices.
- 4. Demonstrate knowledge of the security concerns of different types of network media.
- 5. Demonstrate knowledge of the security implications of disaster recovery.

Program Specialization: Wireless AS-25267

- 1. Define the characteristics of Wi-Fi technology.
- 2. Summarize the characteristics, basic attributes and advantages of ZigBee, WiMAX, Bluetooth, infrared technology, VoWLAN and RFID.
- 3. Identify proper procedures for installing and configuring common WLAN applications.
- 4. Identify and describe the most common wireless LAN security techniques.

COMPUTER NETWORK ENGINEERING TECHNOLOGY

Programs: AS-25261, AS-25264, AS-25265, AS-25266, AS-25267

		PRO	GRAM LE	ARNING C	UTCOME	S (PLO) - (Computer	Networki	ng Engine	ering Tecl	nnology			
	Required Technical Courses		PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	
	your program.	Demonstrat e computer network installation , maintenanc e, and repair skills.	Design, install, and troublesho ot a Local Area Network (LAN).	als of Wide Area Networkin	Configure Active Directory in Microsoft's Windows Server 2008 network operating system.	Demonstrat e a knowledge of computer network security concepts and techniques.	Demonstrat e a knowledge of basic project manageme nt concepts and manageme nt tools.	Perform fundament al desktop manageme nt skills using a Linux based operating system.	Perform fundament al desktop manageme nt skills using a current Microsoft client operating system.	Demonstrat e a knowledge of wireless LAN.	Troublesho ot and repair computer hardware and software problems.	Configure a network infrastructu re using Microsoft's Windows Server 2008 network operating system.	Demonstrate the skills needed to administer, maintain and troublesho ot Microsoft's Windows Server 2008 network	Methodolo gy to fix switching and routing problems.
	COURSE PREFIX & NUMBER												operating system.	
1	CET 1174C	X									X			
2	CTS 2110C	X									X			
3	CET 1600C		X											
4	CET 1610C			X										
5	CET 2615C													
6	CET 1162C								X					
7	CET 2346C												X	
8	CTS 1347C											X		
9	CTS 2345C				X									
10	CET 2620C													
11	CET 2660C					X			X					
12	CNT 2503													
13	CTS 2106C							X						
14	CET 2940	X	X	X	X	X	X	X	X	X	X	X	X	X

COLLEGE

COMPUTER NETWORK ENGINEERING TECHNOLOGY

Programs: AS-25261, AS-25264, AS-25265, AS-25266, AS-25267

	PROGRAM LEARNING OUTCOMES (PLO) - Computer Networking Engineering Technology									
	Required Technical Courses		Cisco		Linux					
	Please enter all required technical courses within your program.	PLO 1	PLO 2	PLO 3	PLO 1	PLO 2	PLO 3	PLO 4		
		Demonstrate advanced skills required to implement and support enterprise-class switched networks with integrated voice and wireless applications.	Demonstrate advanced skills required to implement and support enterprise-class IP routing networks.	skills required to optimize QoS in converged networks that support voice, wireless and security applications.	Demonstrate skills required to configure DNS, DHCP, print services and network monitoring.	Implement Linux security concepts, packet filtering, VPN and intrusion detection.	Install, update, manage and monitor Linux servers.	Develop shell scripts.		
	CISCO	PLO 1	PLO 2	PLO 3						
1	CET 2626C	X								
2	CET 2627C			X						
3	CET 2628C			X						
	LINUX				PLO 1	PLO 2	PLO 3	PLO 4		
1	CTS 2321				X					
2	CTS 2322					X				
3	CTS 2301						X			



COMPUTER NETWORK ENGINEERING TECHNOLOGY

Programs: AS-25261, AS-25264, AS-25265, AS-25266, AS-25267

		PROGRAM	∕I LEARNIN	G OUTCOI	MES (PLO) – Comp	uter Net	work Eng	gineering	Technolo	gy		
R	equired Technical Courses	Microsoft MCITP Enterprise			Security				Wireless				
	Please enter all required technical courses within your program.	PLO 1	PLO 2	PLO 3	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 1	PLO 2	PLO 3	PLO 4
	COURSE PREFIX &	Configure, deploy and manage the applications that come with Microsft's Windows Server 2008	Design and plan a Microsoft Windows Server 2008 Network and Active Directory infrastructure in large environments	Install and manage an Exchange Server 2007 network of servers.	Recognize and be able to differentiat e and explain different access control models.	Recognize the types of malicious code and specify the appropriate action to take to mitigate vulnerabili ty and risk.	understand security concerns and concepts of hardware devices.	Understan d the security concerns of different types of network media.	Understan d the security implication s of disaster recovery.	Define the characteristi cs of Wi-Fi technology.	Summarize the characteristics, basic attributes and advantages of ZigBee, WiMAX, Bluetooth, infrared technology, VoWLAN, and RFID.	Identify proper procedures for installing and configuring common WLAN applications.	Identify and describe the most common wireless LAN security techniques.
	NUMBER MICROSOFT MCITP ENTERPRISE	PLO 1	PLO 2	PLO									
1	CTS 2342C	_	X										
2	CTS 2339C			X									
3	CTS 2343C	X											
	SECURITY				PLO 1	PLO 2	PLO 3	PLO 4	PLO 5				
1	CNT 2405C						X						
2	CTS 2314C					X							
3	CET 2691C								X				
	WIRELESS									PLO 1	PLO 2	PLO 3	PLO 4
1	CET 2850C									X	X		**
2	CNT 2510C											***	X
3	CNT 2511C											X	

COMPUTER NETWORK ENGINEERING TECHNOLOGY

Programs: AS-25261, AS-25264, AS-25265, AS-25266, AS-25267

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate computer network installation, maintenance, and repair skills.	80% of students in CET1174C and CTS2110C will successfully complete all final competency examinations and pass the CompTIA A+ certification.		
PLO 2: Design, install, and troubleshoot a Local Area Network (LAN).	80% of students in CET1600C will successfully complete the skill based final and the written final as defined by the Cisco Academy.		
PLO 3: Describe the fundamentals of Wide Area Networking (WAN).	80% of students in CET1610C will successfully complete the skill based final and the written final as defined by the Cisco Academy.		
PLO 4: Configure Active Directory in Microsoft's Windows Server 2008 network operating system.	80% of students in CTS2345C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		
PLO 5: Demonstrate a knowledge of computer network security concepts and techniques.	80% of students in CET2660C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		
PLO 6: Demonstrate a knowledge of basic project management concepts and management tools.	80% of students in CGS1103 will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		
PLO 7: Perform fundamental desktop management skills using a Linux based operating system.	80% of students in CTS 2106C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		
PLO 8: Perform fundamental desktop management skills using a current Microsoft client operating system.	80% of students in CTS 1162C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		

PLO 9: Demonstrate a	80% of students in CET 1854C		
knowledge of wireless LAN.	will attain 75% proficiency in a		
	comprehensive hands-on final		
	exam and comprehensive final		
	written exam.		
	Witten Chain.		
PLO 10: Troubleshoot and	80% of students in CET 1174C		
repair computer hardware and	and CTS 2110C will		
software problems.	successfully complete all final		
sortware procrems.	competency examinations and		
	pass the CompTIA A+		
	certification.		
PLO 11: Configure a network	80% of students in CTS 1347C		
infrastructure using	will attain 75% proficiency in a		
Microsoft's Windows Server	comprehensive hands-on final		
2008 network operating	exam and comprehensive final		
	written exam.		
system. PLO 12: Demonstrate the	80% of students in CTS 2346C		
skills needed to administer,	will attain 75% proficiency in a		
maintain and troubleshoot	comprehensive hands-on final		
	*		
Microsoft's Windows Server	exam and comprehensive final		
2008 network operating	written exam.		
system.			
PLO 13: Methodology to fix			
switching and routing			
problems.			
Specialization: Cisco		<u> </u>	
PLO 1: Demonstrate			
advanced skills required to			
implement and support			
enterprise-class switched			
networks with integrated			
voice and wireless			
applications.			
PLO 2: Demonstrate			
advanced skills required to			
implement and support			
enterprise-class IP routing			
networks.			
PLO 3: Demonstrate			
advanced skills required to			
optimize QoS in converged			
networks that support voice,			
wireless and security			
applications.			
Specialization: Linux	000/ 6 / 1 / 6 / 6 / 6	T	
PLO 1: Demonstrate skills	80% of students in CTS 1321		
required to configure DNS,	will attain 75% proficiency in a		
DHCP, print services and	comprehensive hands-on final		
network monitoring.	exam and comprehensive final		
	written exam.		

PLO 2: Implement Linux 80% of students in CTS 2322 security concepts, packet will attain 75% proficiency in a filtering, VPN and intrusion comprehensive hands-on final exam and comprehensive final detection. written exam. PLO 3: Install, update, 80% of students in CTS 2301 manage and monitor Linux will attain 75% proficiency in a servers. comprehensive hands-on final exam and comprehensive final written exam. PLO 4: Develop shell scripts 80% of students in CTS 2311 and security. will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam. **Specialization: Microsoft MCITP Enterprise** PLO 1: Configure, deploy and 80% of students in CTS 2343C manage the applications that will attain 75% proficiency in a come with Microsoft's comprehensive hands-on final exam and comprehensive final Windows Server 2008. written exam. 80% of students in CTS 2342C PLO 2: Design and plan a Microsoft Windows Server will attain 75% proficiency in a 2008 Network and Active comprehensive hands-on final Directory infrastructure in exam and comprehensive final large environments. written exam. PLO 3: Install and manage an 80% of students in CTS 2339C Exchange Server 2007 will attain 75% proficiency in a network of servers. comprehensive hands-on final exam and comprehensive final written exam. **Specialization: Security** PLO 1: Recognize and be able 80% of students in CET 2662C to differentiate and explain will attain 75% proficiency in a different access control comprehensive hands-on final models. exam and comprehensive final written exam. 80% of students in CTS 2314C PLO 2: Recognize the types of malicious code and specify will attain 75% proficiency in a the appropriate action to take comprehensive hands-on final to mitigate vulnerability and exam and comprehensive final risk. written exam. PLO 3: Demonstrate 80% of students in CNT 2405C will attain 75% proficiency in a knowledge of security concerns and concepts of comprehensive hands-on final hardware devices. exam and comprehensive final written exam. PLO 4: Demonstrate 80% of students in CET 2662C knowledge of the security will attain 75% proficiency in a

concerns of different types of	comprehensive hands-on final	
network media.	exam and comprehensive final	
	written exam.	
PLO 5: Demonstrate	80% of students in CET 2691C	
knowledge of the security	will attain 75% proficiency in a	
implications of disaster	comprehensive hands-on final	
recovery.	exam and comprehensive final	
	written exam.	
Specialization: Wireless		
PLO 1: Define the	80% of students in CET 2850C	
characteristics of Wi-Fi	will attain 75% proficiency in a	
technology.	comprehensive hands-on final	
	exam and comprehensive final	
	written exam.	
PLO 2: Summarize the	80% of students in CET 2850C	
characteristics, basic attributes	will attain 75% proficiency in a	
and advantages of ZigBee,	comprehensive hands-on final	
WiMAX, Bluetooth, infrared	exam and comprehensive final	
technology, VoWLAN, and	written exam.	
RFID.		
PLO 3: Identify proper	80% of students in CNT 2511C	
procedures for installing and	will attain 75% proficiency in a	
configuring common WLAN	comprehensive hands-on final	
applications.	exam and comprehensive final	
	written exam.	
PLO 4: Identify and describe	80% of students in CNT 2510C	
the most common wireless	will attain 75% proficiency in a	
LAN security techniques.	comprehensive hands-on final	
	exam and comprehensive final	
	written exam.	



COMPUTER SYSTEMS AND BUSINESS ANALYSIS

Program: AS-25240

PROGRAM LEARNING OUTCOMES

After successful competition of this program, graduates will be able to:

- 1. Communicate effectively in both written and spoken format using a variety of communication methods appropriate for the corporate setting.
- 2. Interact with the Windows operating system to use the hardware and application software of a computer system.
- 3. Demonstrate proficiency with file management and structure.
- 4. Demonstrate personal computing skills with productivity software applications such as word processing, spreadsheet, and database management and presentation software.
- 5. Develop computer programs using a current, industry-standard computer programming language.
- 6. Apply standard database functions in the creation of tables, queries, forms and reports.
- 7. Demonstrate an understanding of testing protocols and system development lifecycles.
- 8. Employ business intelligence tools to improve efficiency in solving business problems.
- 9. Demonstrate an understanding of general business concepts.

COMPUTER SYSTEMS AND BUSINESS ANALYSIS

	PI	ROGRAM LEA	RNING OUTC	OMES (PLO)	COMPUTER SY	STEMS AND	BUSINESS A	NALYSIS		
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Communicate effectively in both written and spoken format using a variety of communication methods appropriate for the corporate setting.	Interact with the Windows operating system to use the hardware and application software of a computer system.	Demonstrate proficiency with file management and structure.	Demonstrate personal computing skills with productivity software applications such as word processing, spreadsheet, and database management and presentation software.	Develop computer programs using a current, industry- standard computer programming language.	Apply standard database functions in the creation of tables, queries, forms and reports.	Demonstrate an understanding of testing protocols and system development lifecycles.	Employ business intelligence tools to improve efficiency in solving business problems.	Demonstrate an understanding of general business concepts.
1	ACG 2072				X		X			X
2	CEN 2071							X	X	
3	CGS 1100	X	X	X	X		X			X
4	CIS 2321		X							X
5	COP 1000									
6	COP 1170					X				
7	CTS 1102		X		X	X				
8	CTS 1441			X			X			
9	CTS 2433					X				
10	CTS 2442			X			X			
11	CTS 2450								X	
12	ENC 2210	X								
13	GEB 1011									X
14	OST 1355			X			X			X
	ELECTIVES	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
1	COP 2224					X				
2	COP 2800					X				

COMPUTER SYSTEMS AND BUSINESS ANALYSIS

Program: AS-25240

PROGRAM ASSESSMENT

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Communicate effectively in both written and spoken format using a variety of communication methods appropriate for the corporate setting.	ENC 2210 Introduction to Technical & Professional Writing 70% of the students will earn a 60% or more on a portfolio of seven documents utilizing the elements of technical and professional writing.		
PLO 2: Interact with the Windows operating system to use the hardware and application software of a computer system.	CTS 1102 Survey of Operating Systems Technologies 70% of the students will earn a 70% or higher on the comprehensive final exam.		
PLO 3: Demonstrate proficiency with file management and structure.	OST 1355 Records Management 70% of the students will earn a 90% or higher on the Comprehensive Final Exam that includes all file management rules.		
PLO 4: Demonstrate personal computing skills with productivity software applications such as word processing, spreadsheet, and database management and presentation software.	CGS 1100 Business Applications on Microcomputers 70% of the students will earn a 70% or higher on the SAM 2007 Assessment Comprehensive Business Apps. Final Exam for general MS applications.		
PLO 5: Develop computer programs using a current, industry-standard computer programming .language.	COP 1006 Introduction to Programming 70% of the students will earn a 70% or higher on the Comprehensive Final Exam (includes three programming languages).		

	•	_	,	1	4	
C O	L	L	Ε	G	Е	

PLO 6: Apply standard	CTS 1441	
database functions in the	Database Fundamentals	
creation of tables, queries,	Database I undamentals	
forms and reports.	70% of the students will earn a	
Torms and reports.	70% or higher on the SAM 2007	
	Assessment Comprehensive	
	Final Exam for databases.	
PLO 7: Demonstrate an	CIS 2321	
understanding of testing	System Analysis	
protocols and system	System Analysis	
development lifecycles.	70% of the students will earn a	
development interyeles.	70% or higher on the SAM 2007	
	Assessment Comprehensive	
	System Analysis Final Exam.	
PLO 8: Employ business	System Finalysis i mai Exam.	
intelligence tools to improve	CTS 2450	
efficiency in solving business	Business Intelligence & Data	
problems.	Mining	
problems.	Triming .	
	70% of the students will earn a	
	70% or higher on a	
	comprehensive project scored	
	with a rubric.	
PLO 9: Demonstrate an	GEB 1011	
understanding of general	Introduction to Business	
business concepts.		
_	85 % of students will	
	score/achieve a 75% or above on	
	business plan project, scored	
	with rubric.	



CRIMINAL JUSTICE TECHNOLOGY

Program: AS-25900

PROGRAM LEARNING OUTCOMES

After successful competition of this program, graduates will be able to:

- 1. Demonstrate knowledge and understanding of the criminal justice system and the principles of criminology.
- 2. Identify and discuss criminal investigation procedures to include evidence and rules of evidence.
- 3. Describe the field of corrections and juvenile delinquency.
- 4. Explain the role of law enforcement administration in the criminal justice profession.
- 5. Demonstrate understanding of law enforcement operational procedures.
- 6. Interpret criminal and constitutional law to include significant case rulings affecting the criminal justice system.
- 7. Identify issues relating to human diversity in the criminal justice system.

CRIMINAL JUSTICE TECHNOLOGY

							110	igiaiii. A3-23900
		PROGRAM	I LEARNING OUT	COMES (PLO) - C	RIMINAL JUSTICI	E TECHNOLOGY		
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
	Please enter all required	Demonstrate		Describe the field	Explain the role	Demonstrate	Interpret criminal and	Identify issues
	technical courses within your	knowledge and	criminal	of corrections and	of law	understanding of	constitutional law to	relating to human
	program.	understanding of the criminal justice	investigation procedures to	juvenile delinquency.	enforcement administration in	law enforcement operational	include significant case rulings affecting	diversity in the Criminal Justice
		system and the	include evidence	demiquency.	the criminal	procedures.	the Criminal Justice	system.
		principles of	and rules of		justice profession.	F	system.	~ J ~ · · · · · · · ·
	COURSE PREFIX & NUMBER	criminology.	evidence.					
1	CCJ 1001	X	X	X	X	X		R
2	CCJ 1020	R	X	X	X	X		X
3	CCJ 1500	X	X	X			X	X
4	CCJ 2452	X	X		R	X		X
5	CGS 1061C		X					
6	CJC 1000	X	X	R	X	X		X
7	CJE 1130	X	R	X	X	X	X	X
8	CJE 2003	X	X	X	X	X		X
9	CJE 2331	X	X					X
10	CJL 1062	X	X	X			R	X
11	CJL 1100	X	X	X			R*	X
12	CJL 2130	X	X	X		R	X	X
13	POS 1112	X			X	X		
14	POS 2041	X				X		
15	SYG 2000							X
	ELECTIVES	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
1	ENC 2210		X					
3	SPC 1608					X		
4	CCJ 2932	X	X	X	X	X	X	X
5	CJC 2005	X	X	X	X	X	X	X
6	CJC 2162	X	X	X	X	X	X	X
7	CJE 2640	X	X	X	X	X	X	X

^{*} Program learning outcome assessed in CJL 1100.

CRIMINAL JUSTICE TECHNOLOGY

Program: AS-25900

PROGRAM ASSESSMENT

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate	At least 80% of CCJ1020		
knowledge and understanding	students will demonstrate at least		
of the criminal justice system	70% proficiency on the		
and the principles of	comprehensive final exam.		
criminology.			
PLO 2: Identify and discuss	At least 80% of the CJE 1130		
criminal investigation	students will demonstrate at least		
procedures to include evidence	70% proficiency on the		
and rules of evidence.	comprehensive final exam.		
PLO 3: Describe the field of	At least 80% of the CJC 1000		
corrections and juvenile	students will demonstrate at least		
delinquency.	70% proficiency on the		
	comprehensive final exam.		
PLO 4: Explain the role of law	At least 80% of the CCJ 2452		
enforcement administration in	students will demonstrate at least		
the criminal justice profession.	70% proficiency on the		
	comprehensive final exam.		
PLO 5: Demonstrate	At least 80% of the CJL 2130		
understanding of law	students will demonstrate at least		
enforcement operational	70% proficiency on the		
procedures.	comprehensive final exam.		
PLO 6: Interpret criminal and	At least 80% of the CJL 1100		
constitutional law to include	students will demonstrate at least		
significant case rulings	70% proficiency on the		
affecting the Criminal Justice	comprehensive final exam.		
system.			
PLO 7: Identify issues relating	At least 80% of the CCJ 1001		
to human diversity in the	students will demonstrate at least		
Criminal Justice system.	70% proficiency on the		
	comprehensive final exam.		



DIAGNOSTIC MEDICAL SONOGRAPHY

Program: AS-25590

PROGRAM LEARNING OUTCOMES

Students will be able to:

- 1. Demonstrate professional judgment, ethical standards, and critical thinking skills expected of an entry level sonographer.
- 2. Communicate effectively in both oral and written formats.
- 3. Competently practice basic patient care skills.
- 4. Demonstrate correct ergonomic scanning techniques.
- 5. Identify normal and abnormal anatomy in the general concentration of ABD and OB/GYN Sonography.
- 6. Demonstrate knowledge and understanding of sonographic principles and instrumentation.
- 7. Describe and discuss importance of professional development through continuing education.

DIAGNOSTIC MEDICAL SONOGRAPHY

		PROGRAM	LEARNING OUTC	OMES (PLO) - DIA	AGNOSTIC MEDIC	CAL SONOGRAPH	Υ	
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
	Please enter all required technical courses within your program.	Demonstrate professional judgment, ethical standards, and critical thinking	Communicate effectively in both oral and written formats.	Competently practice basic patient care skills.	Demonstrate correct ergonomic scanning techniques.	Identify normal and abnormal anatomy in the general concentration of ABD and OB/GYN	Demonstrate knowledge and understanding of sonographic principles and	Describe and discuss importance of professional development through continuing education.
	COURSE PREFIX & NUMBER	skills expected of an entry level sonographer.				Sonography.	instrumentation.	continuing continuon
1	SON 1000	X	X	X	X			X
2	SON 1100C	X	X	X	X	X	X	
3	SON 1111C	X	X	X	X	X		
4	SON 1112C	X	X	X	X	X		
5	SON 1121C	X	X	X	X	X		
6	SON 2122C	X	X			X		
7	SON 1211						X	
8	SON 1212						X	
9	SON 2150	X	X			X		
10	SON 2061	X	X	X	X	X	X	X
11	SON 1804L	X	X	X	X	X	X	X
12	SON 2814L	X	X	X	X	X	X	
13	SON 2842L	X	X	X	X	X	X	
14	SON 2834L	X	X	X	X	X	X	
15	SON 2762					X		
	Foundation Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
1	PHY 2001C						X	
2	HSC 1531		X					

DIAGNOSTIC MEDICAL SONOGRAPHY

Program: AS-25590

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO1: Demonstrate professional judgment, ethical standards, and critical thinking skills expected of an entry level sonographer.	80% of students in SON2834L will successfully complete all final competencies examinations.		•
PLO 2: Demonstrate ability to utilize oral and written communication.	80% of students in SON2061 will attain 80% proficiency in final case study presentation.		
PLO 3: Demonstrate ability to practice basic patient care skills.	80% of students in SON2061 will attain 80% proficiency in final patient care lab assignment.		
PLO 4: Demonstrate correct ergonomic scanning techniques.	80% of students in SON1000 and SON1100C will attain 75% proficiency in scanning simulations.		
PLO 5: Demonstrate ability to identify normal and abnormal anatomy in the general concentration of ABD and OB/GYN Sonography.	80% of students in SON1112C will attain 75% proficiency on final comprehensive exam.		
PLO 6: Demonstrate knowledge and understanding of Sonographic principles and instrumentation.	80% of students in SON1212 will attain 75% proficiency on final comprehensive exam.		
PLO 7: Describe and discuss importance of professional development through continuing education.	80% of students in SON1000 will attain 75% proficiency on written paper and oral presentation.		



Programs: AS-25843, AS-25842, AS-28541

PROGRAM LEARNING OUTCOMES

After successful competition of this program, graduates will be able to:

- 1. Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.
- 2. Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.
- 3. Collaborate within a multimedia team or group in a manner that demonstrates good soft skills, pleasing attitude, clarity of thought, and mutual respect to produce a common output that provides good aesthetic appeal and conforms to industry standards.
- 4. Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.
- 5. Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.
- 6. Critique the process of communications history, ethics, and mass media to evaluate their current effects on communications and technology.
- 7. Employ good business and technology practices to evaluate project needs and resources, manage project workflows and deliverables, and market finished products or capabilities.

Specialization: Graphic Design AS-25843

- 1. Use principles of good design, color, space, layout, composition, aesthetics, lighting, and originality to create, modify, produce and deliver effective visual communication.
- Use a variety of tools including industry standard software and computer equipment to plan, develop, and produce interesting, strategic, thoughtful visual imagery that effectively communicates intended ideas to a target audience in a professional manner that meets the needs of clients.



3. Work with a team or individually in a manner that demonstrates ability to meet deadlines, adhere to relevant and copyright guidelines and professional ethics to complete myriad digital design elements and projects suitable for print, web, and other channels optimized for visual display.

Specialization: Video Production AS-25842

- Use industry standard imaging, video, and sound editing tools and software to develop, edit, and
 produce excellent video and multimedia output that meet clients' requirements, conform to good
 standards of digital video and storytelling, and effectively communicate intended ideas to a target
 audience in a professional manner.
- 2. Demonstrate knowledge of technical jargon, industry terms, storytelling techniques, storyboard development, budgetary concerns, planning, shooting schedules, and visual communication for video and sound planning, production, postproduction, and delivery.
- 3. Work with a team or individually in a manner that demonstrates ability to meet deadlines, adhere to relevant legal and copyright guidelines and professional ethics to complete myriad videos suitable for web, television, advertising and other channels optimized for visual display.

Specialization: Web Production AS-25841

- 1. Use principles of good design, color, space, layout, composition, aesthetics, usability, interactivity and originality to create, modify, or deliver effective visual communication.
- 2. Use multimedia and design tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements, conform to good standards of design, usability, interactivity, and visual appeal, and effectively communicate intended ideas to a target audience in a professional manner.
- 3. Work with a team or individually in a manner that demonstrates ability to meet deadlines, adhere to relevant legal and copyright guidelines and professional ethics to complete myriad digital, web, and multimedia design elements and projects suitable for print, web, and other channels optimized for visual and web displays.

Program: AS-25843, AS-25842, AS-25841

		PROG	GRAM LEARNING	OUTCOMES (PL	O) – Digital Med	dia Technology		
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
	Please enter all required technical courses within your program.	Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.	Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.	Collaborate within a multimedia team or group in a manner that demonstrates good soft skills, pleasing attitude, clarity of thought, and mutual respect to produce a common output that provides good aesthetic appeal and conforms to industry standards.	Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.	Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.	Critique the process of communications history, ethics, and mass media to evaluate their current effects on communications and technology.	Employ good business and technology practices to evaluate project needs and resources, manage project workflows and deliverables, and market finished products or capabilities.
	COURSE PREFIX & NUMBER							
1	ART 1201C	X	X					
2	CGS 2820C	X	X	X		M		X
3	DIG 2000	X	X	X	X		X	M
4	DIG 2030C	X	M	X	X	X		X
5	DIG 2109C	X	X		M	X		
6	DIG 2430C		X	M		X		X
7	DIG 2500C	X	X	X		X		
8	DIG 2940	X	X		X	X		X
9	MMC 1000			X			M	
10	PGY 2801C	M	X		X	X		



Programs: AS-25843, AS-25842, AS-25841

	PROGRAM LEARNING OUTCOMES (PLO) – Digital Media Technology										
	Required Technical Courses		Graphic Design Specialization								
	Please enter all required technical courses within your program.	PLO 1	PLO 2	PLO 3							
	COURSE PREFIX & NUMBER	Use principles of good design, color, space, layout, composition, aesthetics, lighting, and originality to create, modify, produce and deliver effective visual communication.	Use a variety of tools including industry standard software and computer equipment to plan, develop, and produce interesting, strategic, thoughtful visual imagery that effectively communicates intended ideas to a target audience in a professional manner that meets the needs of clients.	Work with a team or individually in a manner that demonstrates ability to meet deadlines, adhere to relevant and copyright guidelines and professional ethics to complete myriad digital design elements and projects suitable for print, web, and other channels optimized for visual display.							
	GRAPHIC DESIGN	PLO 1	PLO 2	PLO 3							
1	GRA 1206C	X	X	X							
2	GRA 2156C	X	M	X							
3	GRA 2120C	M	X								
4	DIG 2341C	X	X	X							
	ELECTIVES										
1	GRA 2207C	X	X	X							
2	PGY 2802C	X	X	M							



Programs: AS-25843, AS-25842, AS-25841

	PROGRAM LEARNING OUTCOMES (PLO) – Digital Media Technology									
R	equired Technical Courses	Vide	o Production Special	Web Production Specialization						
	Please enter all required technical courses within your program.	PLO 1	PLO 2	PLO 3	PLO 1	PLO 2	PLO 3			
	COURSE PREFIX & NUMBER	Use industry standard imaging, video, and sound editing tools and software to develop, edit, and produce excellent video and multimedia output that meet clients' requirements, conform to good standards of digital video and storytelling, and effectively communicate intended ideas to a target audience in a professional manner.	Demonstrate knowledge of technical jargon, industry terms, storytelling techniques, storyboard development, budgetary concerns, planning, shooting schedules, and visual communication for video and sound planning, production, postproduction, and delivery.	Work with a team or individually in a manner that demonstrates ability to meet deadlines, adhere to relevant legal and copyright guidelines and professional ethics to complete myriad videos suitable for web, television, advertising and other channels optimized for visual display.	Use principles of good design, color, space, layout, composition, aesthetics, usability, interactivity and originality to create, modify, or deliver effective visual communication.	Use multimedia and design tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements, conform to good standards of design, usability, interactivity, and visual appeal, and effectively communicate intended ideas to a target audience in a professional manner.	Work with a team or individually in a manner that demonstrates ability to meet deadlines, adhere to relevant legal and copyright guidelines and professional ethics to complete myriad digital, web, and multimedia design elements and projects suitable for print web, and other channels optimized for visual and web displays.			
	VIDEO PRODUCTION	PLO 1	PLO 2	PLO 3						
1	DIG 2284C	M	X	M						
2	DIG 2292C	X	M	X						
3	DIG 2330C	X	X	X						
4	DIG 2341C	X	X							
	ELECTIVES									
1	MAR 2011			X						
2	PGY 2802C	X	X							
	WEB PRODUCTION				PLO 1	PLO 2	PLO 3			
1	CGS 2800C				X	X	M			
2	COP 2801				X	X	212			
3	DIG 2751C				M	M	X			
4	GRA 1206C				X	111	X			
	ELECTIVES					The second secon				

WORKFORCE PROGRAMS 2013-14

POLK STATE

2 PGY 2802C		X	X	X

Programs: AS-25843, AS-25842, AS-28541

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products. PLO 2: Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and	Benchmark: 80% of students must pass final exam with a grade of 70% or higher. Additionally, all students must have at least two manipulated digital images suitable for display in a portfolio. Benchmark: 80% of students will create a finished video product that meets all requirements of this PLO and receives a final grade of 70% or higher.		
messaging techniques. PLO 3: Collaborate within a multimedia team or group in a manner that demonstrates good soft skills, pleasing attitude, clarity of thought, and mutual respect to produce a common output that provides good aesthetic appeal and conforms to industry standards.	Benchmark: 80% of students will work together in teams to produce a finished video product from on a well-developed script that meets all requirements of this PLO and receives a grade of 70% or higher.		
PLO 4: Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.	Benchmark: 80% of students must pass final exam with a grade of 70% or higher.		
PLO 5: Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.	Benchmark: 80% of students must create a contemporary website that meets high standards of visual appeal and usability and earns a grade of 70% or higher.		

		1	
PLO 6: Critique the process of	Benchmark: 80% of students		
communications history,	must pass final exam with a		
ethics, and mass media to	grade of 70% or higher.		
evaluate their current effects			
on communications and			
technology.			
PLO 7: Employ good business	Benchmark: 80% of students		
and technology practices to	must pass final exam with a		
evaluate project needs and	grade of 70% or higher.		
resources, manage project	grade or 70% or higher.		
workflows and deliverables,			
*			
and market finished products			
or capabilities.			
Specialization: Graphic			
Design	7 1 1 000/ 6 1		
PLO 1: Use principles of good	Benchmark: 80% of students		
design, color, space, layout,	will create a minimum of two		
composition, aesthetics,	products for print and or web		
lighting, and originality to	that meets the requirement of		
create, modify, produce and	good design and effective		
deliver effective visual	communication and earns a		
communication.	grade of 70% or higher.		
PLO 2: Use a variety of tools	Benchmark: 80% of students		
including industry standard	must produce two or more		
software and computer	finished images that were		
equipment to plan, develop,	manipulated using standard		
and produce interesting,	software and considered		
strategic, thoughtful visual	effective visual imagery and		
imagery that effectively	earns a grade of 70% or higher.		
communicates intended ideas	carns a grade of 7070 of higher.		
to a target audience in a			
professional manner that meets			
the needs of clients.			
PLO 3: Work with a team or	Benchmark: 80% of students		
individually in a manner that			
	must manipulate three or more		
demonstrates ability to meet	photographic images to create a		
deadlines, adhere to relevant	pleasing finished product that		
and copyright guidelines and	earns a grade of grade of 70% or		
professional ethics to complete	higher.		
myriad digital design elements			
and projects suitable for print,			
web, and other channels			
optimized for visual display.			

Specialization: Video Production PLO 1: Use industry standard Benchmark: 80% of students imaging, video, and sound must produce one finished video editing tools and software to that meets good standards of develop, edit, and produce storytelling, is interesting, excellent video and includes advanced techniques multimedia output that meet such as special effects, and earns clients' requirements, conform a grade of 70% or higher. to good standards of digital video and storytelling, and effectively communicate intended ideas to a target audience in a professional manner. PLO 2: Demonstrate Benchmark: 80% of students knowledge of technical jargon, must produce one finished video industry terms, storytelling using a script and defined budget techniques, storyboard and schedule that meets good development, budgetary standards of storytelling, is concerns, planning, shooting interesting, and earns a grade of schedules, and visual 70% or higher. communication for video and sound planning, production, postproduction, and delivery. PLO 3: Work with a team or Benchmark: 80% of students individually in a manner that must work within a team and demonstrates ability to meet contribute substantially to the deadlines, adhere to relevant production of one finished video that meets good standards of legal and copyright guidelines and professional ethics to storytelling and earns a grade of complete myriad videos 70% or higher suitable for web, television, advertising and other channels optimized for visual display. **Specialization: Web Production** PLO 1: Use principles of good Benchmark: 80% of students design, color, space, layout, will produce a visually pleasing composition, aesthetics, website that is easy to navigate usability, interactivity and and earns a grade of 70% or originality to create, modify, higher. or deliver effective visual communication. PLO 2: Use multimedia and Benchmark: 80% of students design tools for web, video, will produce a visually pleasing audio, imaging, animation, and website that is easy to navigate programming to create and earns a grade of 70% or products that meet clients' higher. requirements, conform to good standards of design, usability,

interactivity, and visual appeal, and effectively communicate intended ideas to a target audience in a professional manner. PLO 3: Work with a team or Benchmark: 80% of students individually in a manner that will work within a team and demonstrates ability to meet contribute substantially to the deadlines, adhere to relevant development of a visually appealing website for business or legal and copyright guidelines and professional ethics to e-commerce that includes an complete myriad digital, web, online payment system and earns and multimedia design a grade of 70% or higher. elements and projects suitable for print, web, and other channels optimized for visual and web displays.



EARLY CHILDHOOD EDUCATION AND MANAGEMENT

Program: AS-25320

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Compare various types of early childhood education and care programs.
- 2. Explain developmental tasks relative to the various stages of development of young children.
- 3. Plan a developmentally/culturally appropriate program curriculum inclusive of activities that facilitate principles and processes of child development to enhance the whole child.
- 4. Use appropriate guidance and classroom management techniques.
- 5. Create a system of on-going observation, assessment, and documentation.
- 6. Design a safe, clean, and healthy learning environment while supporting state/local regulations and accreditation standards to maintain a quality program.
- 7. Build ongoing communication and alliances with staff, families, programs and other community resources.
- 8. Describe major components of a sound business management plan.
- 9. Execute a commitment to professional and ethic al standards by demonstrating leadership, organizational skills and focusing on effective written and oral communication.
- 10. Assemble appropriate observation techniques with regards to special needs criteria through observation, assessment and documentation.

COLLEGE

EARLY CHILDHOOD EDUCATION AND MANAGEMENT

										Trogram	11. 710 23320
		PROGRAI	M LEARNING	OUTCOMES	(PLO) - EARL	Y CHILDHOO	D EDUCATION	ON AND MAN	AGEMENT		
Do	quired Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
Ke	Please enter all required		Explain	Plan a		Create a system			Describe	Execute a	Assemble
	technical courses within			developmentally		of on-going	clean, and	communication	major	commitment to	appropriate
	your program.	early childhood		/culturally	classroom	observation,	healthy	and alliances	components		observation
				appropriate	management	assessment and		with staff,	of a sound	ethic al standards	
		care programs.	stages of	program	techniques.	documentation.		families,	business	by demonstrating	
			I	curriculum inclusive of			while	programs and other	management plan.		special needs
			of young children.	activities that			supporting state/local	community	pian.	organizational skills and	criteria through observation,
			cimarcii.	facilitate			regulations	resources.		focusing on	assessment and
				principles and			and			•	documentation.
				processes of			accreditation			and oral	
				child			standards to			communication.	
				development to			maintain a				
	COURSE PREFIX &			enhance the whole child.			quality				
1	NUMBER CLID 1104	D		whole child.			program.				
1	CHD 1104	R		***							
2	CHD 1380			X							
3	CHD 1430					R					
4	CHD 1440			R	R	X	R				
5	CHD 2220		R								
6	CHD 2320			X	X						
7	CHD 2322			X							
8	CHD 2801					X	X	X	R		
9	CHD 2831						X	R			
10	CHD 2841									X	
11	CHD 2940									R	
12	EEC 2271										X
13	EEC 2270										R

EARLY CHILDHOOD EDUCATION AND MANAGEMENT

Program: AS-25320

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Compare various types of early childhood education and care programs	80% of CHD1104 students will demonstrate proficiency of 80% on the final exam.		1 0110 up)
PLO 2: Explain developmental tasks relative to the various stages of development of young children.	80% of CHD2020 students will demonstrate an 80% proficiency in recognizing and aligning the developmental milestones of young children through classroom activities and a test.		
PLO 3: Plan a developmentally/culturally appropriate program curriculum inclusive of activities that facilitate principles and processes of child development to enhance the whole child.	80% of CHD1440 students will receive at least a 2 on a scale of 0-3 on the Program Management domain of the Teacher's Skills Checklist.		
PLO 4: Use appropriate guidance and classroom management techniques.	80% of CHD1440 students will receive at least a 2 on a scale of 0–3 on the Providing Guidance domain of the Teacher's Skills Checklist.		
PLO 5: Create a system of ongoing observation, assessment and documentation.	80% of CHD1430 students will score at least 36 out of 45 points on their portfolio.		
PLO 6: Design a safe, clean, and healthy learning environment while supporting state/local regulations and accreditation standards to maintain a quality program.	80% of CHD2801 students will design indoor and outdoor environments which will include at least 12 of 15 licensing requirements that are mandated for a safe and healthy program.		
PLO 7: Build ongoing communication and alliances with staff, families, programs and other community resources.	After developing a resource file, 80% of CHD2831 students will be able to match 16 of 20 community/parent/program challenges with appropriate agencies or contacts.		
PLO 8: Describe major components of a sound business management plan.	80% of CHD 2801 students will list at least 25 items that need to be included in a start up budget in an Early Childhood Education program.		

PLO 9: Execute a commitment 80% of CHD2841 students will to professional and ethical demonstrate proficiency of 80% standards by demonstrating on a presentation that leadership, organizational demonstrates leadership, skills and focusing on effective organizational skill with a focus written and oral on effective written and oral communication. communication. PLO 10: Assemble appropriate 80% of EEC2270 students will observation techniques with score at least 80% on the final regards to special needs exam. criteria through observation, assessment, and documentation.



EMERGENCY MEDICAL SERVICES

Program: AS-25450

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will know and be able to:

- 1. Demonstrate an understanding of the principles of advanced prehospital care including well-being and safety of the Paramedic and roles and responsibilities within EMS systems.
- 2. Identify normal and abnormal findings while demonstrating the techniques of a comprehensive patient interview and physical exam.
- 3. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient including blunt, penetrating, soft-tissue, and musculoskeletal trauma, burns, and hemorrhage and shock.
- 4. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the medical patient including pulmonogoly, cardiology, neurology, psychiatric, and OB/GYN emergencies.
- 5. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for neonatal, pediatric, and geriatric patients, diverse patients, and chronically ill patients.
- 6. Communicate effectively in both oral and written formats.
- 7. Demonstrate professional judgment, ethical standards, critical thinking, assessment and all other skills necessary to fulfill the role of the entry level Paramedic.
- 8. Demonstrate effective implementation of all basic life support skills.
- 9. Demonstrate effective implementation of all advanced life support skills.
- 10. Demonstrate an understanding of role of a paramedic care in the hospital setting.

EMERGENCY MEDICAL SERVICES

	PROGRAM LEARNING OUTCOMES (PLO) – Emergency Medical Services										
R	equired Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Demonstrate the understanding of the principles of advanced prehospital care including well-being and safety of the Paramedic and roles and responsibilitie s within EMS systems	Indentify normal and abnormal findings while demonstrating the techniques of conducting a comprehensiv e patient interview and physical exam	Integrate pathophysiolo gical principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient including blunt, penetrating, soft-tissue, and musculoskelet al trauma, burns, and hemorrhage and shock	Integrate pathophysiolo gical principles and assessment findings to formulate a field impression and implement the treatment plan for the medical patient including pulmonogoly, cardiology, neurology, psychiatric, and OB/GYN emergencies	Integrate pathophysiolo gical principles and assessment findings to formulate a field impression and implement the treatment plan for neonatal, pediatric, and geriatric patients, diverse patients, and chronically ill patients	Communicate effectively in both oral and written formats	Demonstrate professional judgment, ethical standards, critical thinking, and all skills necessary to fulfill the role of the entry level Paramedic	Recognize the need for and demonstrate effective implementation of all basic life support skills	Recognize the need for and demonstrate effective implementation of all advanced life support skills	Demonstrate an understanding of Paramedic care in the hospital setting
1	EMS 1158										
2	EMS 1158L										
3	EMS 2603	R	R								
4	EMS 2603L	X	X				X	X	R		X
5	EMS 2604		X	R*	R*						
6	EMS 2064L	X	X	X	X		X	X	X	R	R
7	EMS 2605		X	X	X	R					
8	EMS 2605L	X	R*	R	R	X	R	R	X	X	

EMERGENCY MEDICAL SERVICES

Program: AS-25450

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate the understanding of the principles of advanced prehospital care including well-being and safety of the Paramedic and roles and responsibilities within EMS systems.	At least 80% of EMS 2603 students will demonstrate at least 80% proficiency on the comprehensive exam.		
PLO 2: Identify normal and abnormal findings while demonstrating the techniques of a comprehensive patient interview and physical exam.	At least 80% of EMS 2603 students will demonstrate at least 80% proficiency on the comprehensive exam of patient assessment.		
	At least 80% of EMS 2605L students will receive an score of 0 or greater on a scale of -2 to 1 on the categories of history of chief complaint and patient assessment.		
PLO 3: Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient including blunt, penetrating, soft-tissue, and musculoskeletal trauma, burns, and hemorrhage and shock.	At least 80% of EMS 2604 students will demonstrate at least 80% proficiency on the comprehensive exam of trauma emergencies. At least 80% of EMS 2605L students will have assessed and treated a minimum of 60 trauma patients of varying ages.		
PLO 4: Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the medical patient including pulmonogoly, cardiology, neurology, psychiatric, and OB/GYN emergencies.	At least 80% of EMS 2604 students will demonstrate at least 80% proficiency on the comprehensive exam of medical emergencies. At least 80% of EMS 2605L students will have assessed and treated a minimum of 190 medical patients of varying ages.		

PLO 5: Integrate	At least 80% of EMS 2605	
pathophysiological principles	students will demonstrate at	
and assessment findings to	least 80% proficiency on the	
formulate a field impression	comprehensive review exam.	
and implement the treatment	1	
plan for neonatal, pediatric,		
and geriatric patients, diverse		
patients, and chronically ill		
patients.		
PLO 6: Communicate	At least 80% of EMS 2605L	
effectively in both oral and	students will receive an score of	
written formats.	0 or greater on a scale of -2 to 1	
written formats.		
	on the categories of telemetry	
	reports, verbal reports, and	
77.0 = 7	report writing from evaluations.	
PLO 7: Demonstrate	At least 80% of EMS 2605L	
professional judgment, ethical	students will receive an score of	
standards, critical thinking,	0 or greater on a scale of -2 to 1	
assessment and all other skills	on all clinical categories	
necessary to fulfill the role of		
the entry level Paramedic.	Terminal Evaluation form.	
PLO 8: Recognize the need	At least 80% of EMS 2603L	
for and demonstrate effective	students will demonstrate all	
implementation of all basic	BLS skills a minimum of 3	
life support skills.	times.	
PLO 9: Recognize the need	At least 80% of EMS 2604L	
for and demonstrate effective	students will demonstrate all	
implementation of all	ALS skills a minimum of 3	
advanced life support skills.	times.	
PLO 10: Demonstrate an	At least 80% of EMS 2604L	
understanding of Paramedic	students will complete all	
care in the hospital setting.	hospital objectives in the	
	emergency department,	
	pediatric, psychiatric, ICU, and	
	OB settings.	
necessary to fulfill the role of the entry level Paramedic. PLO 8: Recognize the need for and demonstrate effective implementation of all basic life support skills. PLO 9: Recognize the need for and demonstrate effective implementation of all advanced life support skills. PLO 10: Demonstrate an understanding of Paramedic	included on the Paramedic Terminal Evaluation form. At least 80% of EMS 2603L students will demonstrate all BLS skills a minimum of 3 times. At least 80% of EMS 2604L students will demonstrate all ALS skills a minimum of 3 times. At least 80% of EMS 2604L students will complete all hospital objectives in the emergency department, pediatric, psychiatric, ICU, and	



ENGINEERING TECHNOLOGY

Program: AS-25690

PROGRAM LEARNING OUTCOMES

Students who successfully complete this program should be able to:

- 1. Demonstrate an understanding of industrial processes, predictive maintenance programs, and material properties.
- 2. Generate and interpret computer-aided drawings.
- 3. Demonstrate a fundamental understanding of electronics and electricity, AC and DC Motor and Drive concepts and terminology.
- 4. Demonstrate a solid fundamental knowledge of process automation inclusive of: Programmable Logic Controller (PLC) systems and terminology, software updates, sensors and actuators, applications, programming, troubleshooting, and basic ladder logic.
- 5. Demonstrate an understanding of industrial safety, health, and environmental requirements.
- 6. Demonstrate proficiently in the use of quality assurance methods and quality control concepts inclusive of predictive and preventative maintenance theory; program effectiveness, efficiencies and savings; Lean Operating Systems; Six Sigma; and DMAIC to create variation-free, value-added processes.
- 7. Demonstrate proficiency in using tools, instruments and testing devices.
- 8. Demonstrate basic troubleshooting skills in automated processes.
- 9. Effectively communicate verbally and in writing within a variety of business environments.
- 10. Apply mathematical concepts typical in manufacturing processes.
- 11. Demonstrate an understanding of modern business practices and strategies and the implications of globalization and the impact of international trade on manufacturing in a competitive environment.

COLLEGE

ENGINEERING TECHNOLOGY

											i iogram.	AS-23090
		PRO	OGRAM L	EARNING		MES (PLO) - Engine	eering Te	chnology			
Rea	uired Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
	Please enter all required technical courses within your program.	Demonstrate an understanding of industrial processes, predictive	Generate and interpret computer-aided drawings.	Demonstrate a fundamental understanding of electronics and electricity,	Demonstrate a solid fundamental knowledge of process	Demonstrate an understanding of industrial safety, health, and	Demonstrate proficiency in the use of quality assurance		Demonstrate basic troubleshooting skills in automated	Effectively communicate verbally and in writing within a variety of	Apply mathematical concepts typical in manufacturing	Demonstrate an understanding of modern business practices and
	COURSE PREFIX & NUMBER	maintenance programs, and material properties.		AC and DC Motor and Drive concepts and terminology.	automation inclusive of: Programmable Logic Controller (PLC) systems and terminology, software updates, sensors and actuators, applications, programming, troubleshooting, and basic ladder logic.	environmental requirements.	methods and quality control concepts inclusive of predictive and preventative maintenance theory; program effectiveness, efficiencies and savings; Lean Operating Systems; Six Sigma; and DMAIC to create variation-free, value-added processes.		processes.	business environments.	processes.	strategies and the implications of globalization and the impact of international trade on manufacturing in a competitive environment.
1	EET 1084C											
2	EST 1511	Е	Е	I	Е			Е	Е		Е	
3	EST 1542	Е		Е	R				R			
4	ETD 1320C		R								Е	
5	ETI 1110	I	Е				I	Е	Е	I	Е	Е
6	ETI 1420	R	Е	I		I	I	I		I		R
7	ETI 1622	Е					R	E	E	R	E	Е
8	ETI 1701	Е		Е		R		Е	Е	Е		Е
9	ETM 1010C	I	E	Е		Е	Е	R	E	Е	R	
10	ETM 2315C	Е	Е					Е	Е		Е	
4	ELECTIVES CCC 1001	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
1	CGS 1061					1	E	Е		Е	E	
2	CGS 1510	-		1			Е	Е	 	E	Е	
3	ENC 2210	Е		Е	Е	E	Е	T:	т,	Е	E	Е
5	EST 1535	E		E	E	E	E	Е	Е		E	E
	EST 1539 EST 1540			Е	Е			Е	Е		Е	
7	EST 1540 ETI 1181	Е		E	E	E	Е	E	E E	Е	E E	Е
8	ETI 1181 ETI 1403	E				E	E	E	E	E E	E	E
9	ETI 1403 ETI 1931	1								E E	Е	E E
10	ETI 1931 ETI 1949	Е	Е	Е	Е	E	Е	Е	Е	E E	E E	E
11	MAC 2233	E	E	E	E	E	E	E	E	E	E	E
12	MAN 2500	+		1	1	1	1	1	1	1	E	Е
14	1V1/X1V 4300		1	1	1		1	1		1	1	E

ENGINEERING TECHNOLOGY

Program: AS-25690

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate an understanding of industrial processes, predictive maintenance programs, and material properties.	At least 80% of the ETI1420 students will demonstrate 75% proficiency on the comprehensive final. Additionally, at least 85% of the students that take the MSSC CPT Production Processes Assessment will earn that industry certificate.		
PLO 2: Generate and interpret computer-aided drawings.	At least 80% of the ETD1320C students will demonstrate 75% proficiency on the comprehensive design project.		
PLO 3: Demonstrate a fundamental understanding of electronics and electricity, AC and DC Motor and Drive concepts and terminology.	At least 80% of the EET1083C students will demonstrate 75% proficiency on the combined comprehensive hands-on exercise and final exam. Additionally, at least 80% of the students that take the MSSC CPT Maintenance Awareness		
PLO 4: Demonstrate a solid fundamental knowledge of process automation inclusive of: Programmable Logic Controller (PLC) systems and terminology, software updates, sensors and actuators, applications, programming, troubleshooting, and basic ladder logic.	Assessment will earn that industry certificate. At least 80% of the EST1542 students will demonstrate 75% proficiency on the combined comprehensive hands-on exercise and final exam.		
PLO 5: Demonstrate an understanding of industrial safety, health, and environmental requirements.	At least 80% of the ETI1701 students will demonstrate 75% proficiency on the comprehensive final.		

		T
	Additionally, at least 85% of the	
	students that take the MSSC	
	CPT Safety Assessment will	
	earn that industry certificate.	
PLO 6: Demonstrate	At least 80% of the ETI1622	
proficiently in the use of	students will demonstrate 75%	
quality assurance methods and	proficiency on the	
quality control concepts	comprehensive project and final	
inclusive of predictive and	exam.	
preventative maintenance		
theory; program effectiveness,	Additionally, at least 85% of the	
efficiencies and savings; Lean	students that take the MSSC	
Operating Systems; Six	CPT Quality Assessment will	
Sigma; and DMAIC to create	earn that industry certificate.	
variation-free, value-added	carri that madsiry certificate.	
processes.		
PLO 7: Demonstrate	At least 80% of the ETM1010C	
proficiency in using tools,	students will demonstrate 75%	
instruments and testing	proficiency on the	
devices.	comprehensive final.	
PLO 8: Demonstrate basic	At least 80% of the EST1542	
troubleshooting skills in	students will demonstrate 75%	
automated processes.	proficiency on the combined	
	comprehensive hands-on	
	exercise and final exam.	
PLO 9: Effectively	At least 80% of the ETI1622	
communicate verbally and in	students will demonstrate 75%	
writing within a variety of	proficiency on the	
business environments.	comprehensive project.	
PLO 10: Apply mathematical	At least 80% of the ETM1010C	
concepts typical in	students will demonstrate 75%	
manufacturing processes.	proficiency on the	
	comprehensive final.	
PLO 11: Demonstrate an	At least 80% of the ETI1420	
understanding of modern	students will demonstrate 75%	
business practices and	proficiency on the	
strategies and the implications	comprehensive final.	
of globalization and the impact	r	
of international trade on		
manufacturing in a		
competitive environment.		
competitive environment.		



FIRE SCIENCE TECHNOLOGY

Program: AS-25980

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Demonstrate knowledge in the areas of chemistry of fire, fire behavior, and fire extinguishment theory.
- 2. Distinguish concepts of fire prevention practices, fire protection systems, building construction with relation to fire behavior, and fire inspection practices.
- 3. Demonstrate knowledge of fire department organization and procedures, and use fire company managerial concepts and principles that lead to effective supervision and leadership.
- 4. Demonstrate knowledge and skills related to classroom instruction, course design, applicable legal/ethical/safety issues, evaluation and management.
- 5. Demonstrate knowledge of incident command, hazardous materials and response to terrorism incidents.
- 6. Compare and contrast different fire fighting strategies and tactics and display knowledge of fire fighter operational safety practices.
- 7. Demonstrate knowledge of legal, ethical, and safety-risk management principles as they relate to a modern, fire organization.
- 8. Demonstrate knowledge and skills to detect and determinate the origin and cause of a fire, and the legal guidelines for the fire investigator.

FIRE SCIENCE TECHNOLOGY

								- 6	11. 710 23700
		PRC	OGRAM LEARNII	NG OUTCOMES	(PLO) - Fire Scienc	e Technology			
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8
	Please enter all required	Demonstrate		Demonstrate		Demonstrate	Compare and	Demonstrate	Demonstrate
	technical courses within your program.	knowledge in the		knowledge of fire	knowledge and skills		contrast different		knowledge and
	program.	areas of chemistry		department		incident	fire fighting	legal, ethical,	skills to detect
		of fire, fire behavior, and fire		organization and procedures, and	instruction, course	command, hazardous	strategies and tactics and	and safety-risk	and determinate
		extinguishment	systems, building		C . 11	materials and	display	management principles as	the origin and
		theory.	construction with		issues, evaluation	response to	knowledge of	they relate to a	cause of a fire,
		uicory.		concepts and		terrorism	fire fighter	modern, fire	and the legal
			behavior, and fire		and management	incidents.	operational	organization.	guidelines for
				lead to effective			safety practices.		the fire
	COURSE PREFIX &		practices.	supervision and					investigator.
	NUMBER			leadership.					
1	FFP 1505		X						
2	FFP 1540	X	X						X
3	FFP 1740				X				
4	FFP 1810	X	X			X	X		
5	FFP 2120		X			X	X		X
6	FFP 2720			X	X	X			
7	FFP 2811	X	X			X	X		
8	FFP 1824			X		X	X		
9	FFP 1825			X		X	X		
10	FFP 1832					X			
11	FFP 2111	X	X						X
12	FFP 2610	X	X						X
13	FFP 2780		X	X	X			X	X
14	FFP 2770			X	X			X	X
15	FFP 2741				X				
	ELECTIVES	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 7
1	FFP 1793		X		X		X		
2	FFP 2706			X		X			X

COLLEGE

FIRE SCIENCE TECHNOLOGY

Program: AS-25980

PROGRAM ASSESSMENTS

Students who complete the following approved Florida Bureau of Fire Standards and Training Certifications are given credit for the fire science courses in this program. Therefore, achievement of learning outcomes for this program is measured by the earning of these certifications.

Option I: Fire Officer I and Fire Officer II

Option II: Fire Officer I, Firesafety Inspector I, and Fire Investigator I



HEALTH INFORMATION MANAGEMENT

Programs: AS-25480

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Demonstrate essential application principles of Health Information Technologist.
- 2. Appraise health record content and structure for the acute care and alternative care environment.
- 3. Illustrate principles, application and reimbursement guidelines of Clinical Classification systems of ICD-9-CM/ICD-10-CM.
- 4. Illustrate principles, application and reimbursement guidelines of Clinical Classification of CPT.
- 5. Interpret and apply laws regarding HIPAA, risk management, and release of information in accordance with federal and state regulations.
- 6. Calculate health care statistics and demonstrate data literacy.
- 7. Demonstrate knowledge of information technology of health care, business and office systems.
- 8. Demonstrate best practices for quality assessment within a healthcare environment.
- 9. Demonstrate principles of organizational, supervisory and leadership skills.

HEALTH INFORMATION MANAGEMENT

	PRO	OGRAM LI	EARNING	ОUТСОМЕ	S (PLO) - H	ealth Info	rmation Ma	nagement		
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
	Please enter all required technical courses within your program.	Demonstrate essential application principles of Health Information	Appraise health record content and structure for the acute care and	Illustrate principles, application and reimbursement	Illustrate principles, application and reimbursement guidelines of Clinical	Interpret and apply laws	Calculate health care statistics an demonstrate data literacy.	Demonstrate knowledge of information technology of health care, business and	Demonstrate best practices for quality assessment within a healthcare	Demonstrate principles of organizational, supervisory and leadership skills.
		Technologist	alternative care environment	Classification systems of ICD-9- CM/ICD-10-	Classification of CPT.	information in accordance with federal and state		office systems.	environment.	
	COURSE PREFIX & NUMBER			CM.		regulations.				
1	HIM 1000C	X	X							
2	HIM 1012	X				X				
5	HIM 1222C	X		X						
3	HIM 1400C	X	X							
4	HIM 1442	X								
6	HIM 1800L	X	X			X		X		
7	HIM 2211C	X						X		
8	HIM 2214C	X					X			
9	HIM 2234C	X		X	X					
10	HIM 2253C	X		X	X					
11	HIM 2506	X							X	
12	HIM 2512C	X						X	X	X
13	HIM 2820	X	X	X	X	X	X	X		
14	HIM 2930	X	X	X	X	X	X	X	X	X

HEALTH INFORMATION MANAGEMENT

Program: AS-25480

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment	Evidence/Results	Use of Results for
	Method(s)		Enhancement
			(Recommendations/
			Follow-up)
PLO 1: Demonstrate essential	At least 80% of HIM/CCS		
application principles of	1000C students will demonstrate		
Health Information	at least 75% proficiency on the		
Technologist.	comprehensive unit/final exam.		
PLO 2: Appraise health record	At least 80% of HIM/CCS		
content and structure for the	1800L, 2810L, and 2820		
acute care and alternate care	students will demonstrate		
environment.	expected competency through		
	practicum application exercises.		
PLO 3: Illustrate principles,	At least 80% of HIM/CCS		
application and reimbursement	1222C students will demonstrate		
guidelines of Clinical	at least 75% proficiency on		
Classifications systems of	unit/final exam.		
ICD-9-CM/ICD-10-CM.			
PLO 4: Illustrate principles,	At least 80% of HIM/CCS		
application and reimbursement	2253C students will demonstrate		
guidelines of Clinical	at least 75% proficiency on		
Classifications of CPT.	unit/final exam.		
PLO 5: Interpret and apply	At least 80% of HIM 1012		
laws regarding HIPPA, risk	students will demonstrate at least		
management, and release of	75% proficiency on the		
information in accordance	comprehensive final/discussions/		
with federal and state	research projects.		
regulations.	programme programme		
PLO 6: Calculate health care	At least 80% of HIM 2214C		
statistics and demonstrate data	students will demonstrate at least		
literacy.	75% proficiency on the		
	comprehensive final/discussions/		
	application exercises.		
PLO7: Demonstrate	At least 80% of HIM 2211C		
knowledge of information	students will demonstrate at least		
technology of health care,	75% proficiency on the		
business and office systems.	comprehensive final/discussions/		
Submoss and office systems.	application exercises.		
PLO8: Demonstrate best	At least 80% of HIM 2506		
practices for quality	students will demonstrate at least		
assessment within a healthcare	75% proficiency on the		
environment.	discussions/ project application.		
PLO9: Demonstrate principles	At least 80% of HIM 2512		
of organizational, supervisory,	students will demonstrate at least		
and leadership skills.	75% proficiency on the		
and leadership skills.	75% proficiency off the		



WORKFORCE PROGRAMS 2013-14

c	comprehensive unit/ final	
e	exam/discussions/ and project.	

(Gray=done)

(Yellow= data needed)



NETWORK SYSTEMS ENGINEERING TECHNOLOGY - Program will begin fall 2016.

Program: AS-25275

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

Core Requirements for Program

- 1. Demonstrate computer network installation, maintenance, and repair skills.
- 2. Design, install, and troubleshoot a Local Area Network (LAN).
- 3. Describe the fundamentals of Wide Area Networking (WAN).
- 4. Configure Active Directory in Microsoft's Windows Server 2012 network operating system.
- 5. Demonstrate and apply computer network security concepts and techniques.
- 6. Demonstrate and apply basic project management concepts and management tools.
- 7. Perform fundamental desktop management skills using a Linux-based operating system.
- 8. Perform fundamental desktop management skills using a current Microsoft client operating system.
- 9. Apply wireless LAN concepts.
- 10. Troubleshoot and repair computer hardware and software problems.
- 11. Configure a network infrastructure using Microsoft's Windows Server 2012 network operating system.
- 12. Demonstrate the skills needed to administer, maintain, and troubleshoot Microsoft's Windows Server 2012 network operating system.
- 13. Apply appropriate methodology to fix switching and routing problems.
- 14. Demonstrate the skills required to configure DNS, DHCP, print services, and network monitoring in Linux.
- 15. Configure, deploy, and manage the applications that come with Microsoft's Windows Server 2012.
- 16. Demonstrate the skills required to install, configure, and maintain virtualized data centers.
- 17. Demonstrate the skills required to install, configure, and maintain virtualized desktop environments.
- 18. Define cloud infrastructures and develop techniques to secure data center environments using firewalls.

NETWORK SYSTEMS ENGINEERING TECHNOLOGY

		PRO	GRAM LE	ARNING C	OUTCOME	S (PLO) - (Computer	Networki	ng Engine	ering Tecl	nnology			
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13
	Please enter all required technical courses within your program.	Demonstrat e computer network installation , maintenanc e, and repair skills.	Design, install, and troublesho ot a Local Area Network (LAN).	Describe the	Configure Active Directory in	Demonstrat e a knowledge of computer network security concepts and techniques.	Demonstrat e a knowledge of basic project manageme nt concepts and manageme nt tools.	Perform fundament al desktop manageme nt skills using a Linux based operating system.	Perform fundament al desktop manageme nt skills using a current Microsoft client operating system.	Demonstrat e a knowledge of wireless LAN.	Troublesho ot and repair computer hardware and software problems.	Configure a network infrastructu re using Microsoft's Windows Server 2012 network operating system.	Demonstrat e the skills needed to administer, maintain and troublesho ot Microsoft's Windows Server 2012	Methodolo gy to fix switching and routing problems.
	COURSE PREFIX & NUMBER												network operating system.	
1	CET 1014C						X							
2	CET 1174C	X									X			
3	CTS 2110C	X									X			
4	CET 1600C		X											
5	CET 1610C		X	X										
6	CET 2621C			X						X				X
7	CET 2660C					X								
8	CTS 1162C								X					
9	CTS 2390C				X								X	
10	CTS 2391C											X	X	
11	CTS 2392C												X	
12	CTS 2321C							X						
13	CTS 2370C													
14	CTS 2374C								X					
15	CTS 2376C													
16	CET 2940	X	X	X	X	X	X	X	X	X	X	X	X	X



NETWORK SYSTEMS ENGINEERING TECHNOLOGY

	Required Technical Courses	PLO 14	PLO 15	PLO 16	PLO 17	PLO 18
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Demonstrate skills required to configure DNS, DHCP, Print Services and network monitoring in Linux environments.	Configure, deploy and manage the applications that come with Microsoft's Windows Server 2012.	Demonstrate skills required to install, configure, and maintain virtualized data centers.	Demonstrate skills required to install, configure, and maintain virtualized desktop environments.	Define cloud infrastructures and develop techniques to secure data center environments using firewalls.
1	CET 1014C					
2	CET 1174C					
3	CTS 2110C					
4	CET 1600C					
5	CET 1610C					
6	CET 2621C					
7	CET 2660C					
8	CTS 1162C					
9	CTS 2390C					
10	CTS 2391C					
11	CTS 2392C		X			
12	CTS 2321C	X				
13	CTS 2370C				X	
14	CTS 2374C			X		
15	CTS 2376C					X
16	CET 2940	X	X			

NETWORK SYSTEMS ENGINEERING TECHNOLOGY

Program: AS-25275

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate computer network installation, maintenance, and repair skills.	80% of students in CET1174C and CTS2110C will successfully complete all final competency examinations and pass the CompTIA A+ certification.		
PLO 2: Design, install, and troubleshoot a Local Area Network (LAN).	80% of students in CET1600C will successfully complete the skill based final and the written final as defined by the Cisco Academy.		
PLO 3: Describe the fundamentals of Wide Area Networking (WAN).	80% of students in CET1610C will successfully complete the skill based final and the written final as defined by the Cisco Academy.		
PLO 4: Configure Active Directory in Microsoft's Windows Server 2008 network operating system.	80% of students in CTS2390C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		
PLO 5: Demonstrate and apply computer network security concepts and techniques.	80% of students in CET2660C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		
PLO 6: Demonstrate and apply basic project management concepts and management tools.	80% of students in CET1014C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		
PLO 7: Perform fundamental desktop management skills using a Linux based operating system.	80% of students in CTS 2321C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		
PLO 8: Perform fundamental desktop management skills using a current Microsoft client operating system.	80% of students in CTS 1162C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.		

	Taga: a	
PLO 9: Apply wireless LAN concepts.	80% of students in CET 2621C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.	
PLO 10: Troubleshoot and repair computer hardware and software problems.	80% of students in CET 1174C and CTS 2110C will successfully complete all final competency examinations and pass the CompTIA A+ certification.	
PLO 11: Configure a network infrastructure using Microsoft's Windows Server 2008 network operating system.	80% of students in CTS 2391C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.	
PLO 12: Demonstrate the skills needed to administer, maintain and troubleshoot Microsoft's Windows Server 2008 network operating system.	80% of students in CTS 2392C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.	
PLO 13: Apply appropriate methodology to fix switching and routing problems.	80% of students in CET 2621C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.	
PLO 14: Demonstrate the skills required to configure DNS, DHCP, print services, and network monitoring in Linux.	80% of students in CTS 2321C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.	
PLO 15: Configure, deploy and manage the applications that come with Microsoft's Windows Server 2012.	80% of students in CTS 2392C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.	
PLO 16: Demonstrate the skills required to install, configure, and maintain virtualized data centers.	80% of students in CTS 2374C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.	
PLO 17: Demonstrate the skills required to install, configure, and maintain	80% of students in CTS 2370C will attain 75% proficiency in a comprehensive hands-on final	



virtualized desktop environments.	exam and comprehensive final written exam.	
PLO 18: Define cloud infrastructures and develop techniques to secure data center environments using firewall technology.	80% of students in CET 2421C will attain 75% proficiency in a comprehensive hands-on final exam and comprehensive final written exam.	



NURSING

Generic Option: AS-25510 Transition Option: AS-25610

PROGRAM LEARNING OUTCOMES

At the completion of this program, the graduate will be able to:

- 1. Function effectively as a provider of care who uses critical thinking and the nursing process to provide safe and competent evidenced-based care across health care settings.
- 2. Function effectively as a coordinator of care who uses effective delegation and management strategies to promote positive patient outcomes.
- 3. Function effectively as a leader who advocates for the health care organization and the profession.
- 4. Function effectively as a member within the discipline of nursing who practices with integrity within the ethical, legal, and regulatory framework of professional nursing and models professional behavior.
- 5. Interact with others as an effective, collaborative team member in providing holistic care that respects the patient as a unique human being who is a member of a family, a community, and a society.
- 6. Exhibit competent clinical decision making and safe performance of skills in implementing a patient-centered plan of care directed toward restoring, maintaining, or promoting the patient's optimal health status.
- 7. Serve as an advocate for patients and families in promoting actions which provide for physical, psychological, sociological, cultural, and spiritual comfort and safety.
- 8. Exhibit a spirit of inquiry which promotes participation in evidence-based practice, quality improvement processes, and research activities leading to quality patient outcomes and system effectiveness.

COLLEGE

NURSING

Generic Option AS-25510 Transition Option AS-25610

								Transmon Op	11011 715 25010
			PROGRAM I	EARNING OUT	COMES (PLO)	- NURSING			
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8
	Please enter all required technical courses within your program.	Function effectively as a provider of care who uses critical thinking and the nursing process to provide safe and competent evidenced- based care across health care settings.	Function effectively as a coordinator of care who uses	Function effectively as a leader who advocates for the health care organization and the profession.	Function effectively as a member within the discipline of nursing who practices with integrity within the ethical, legal, and regulatory framework of professional nursing and models professional	Interact with others as an effective, collaborative team member in providing holistic care that respects the patient as a unique human being who is a member of a family, a community, and a society.	Exhibit competent clinical decision making and safe performance of skills in implementing a patient-centered plan of care directed toward restoring, maintaining, or promoting the patient's optimal health status.	Serve as an advocate for patients and families in promoting actions which provide for physical, psychological, sociological, cultural, and spiritual comfort and safety.	Exhibit a spirit of inquiry which promotes participation in evidence-based practice, quality improvement processes, and research activities leading to quality patient outcomes and system effectiveness.
	COURSE PREFIX & NUMBER				behavior.	a society.	nearm status.		
	GENERIC OPTION								
1	NUR 1010C	X			X	X	X	X	X
2	NUR 1140C	X	X		X	X	X	X	X
3	NUR 1211C	X	X	X	X	X	X	X	X
4	NUR 1213C	X	X	X	X	X	X	X	X
5	NUR 2421C	X	X	X	X	X	X	X	X
5	NUR 2945C	X	X	X	X	X	X	X	X
	TRANSITION OPTION								
1	NUR 1010C	X			X	X	X	X	X
2	NUR 1140C	X	X		X	X	X	X	X
3	NUR 1033C	X	X	X	X	X	X	X	X
4	NUR 1320C	X	X	X	X	X	X	X	X
5	NUR 2057C	X	X	X	X	X	X	X	X

NURSING

Generic Option: AS-25510 Transition Option: AS-25610

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Function effectively as a provider of care who uses critical thinking and the nursing process to provide safe and competent evidenced-based care across health care settings.	(1) At least 80% of students will achieve a score of at least 80 on comprehensive final exam in each course. (2) At least 80% of students will achieve a score of at least 2.0 on each item of the Clinical Evaluation Tool in each clinical course. (3) At least 80% of students completing the Course Evaluation Survey (CES) will respond as strongly agree or agree to items on the course evaluation tool related to PLO 1. (4) At least 80% of students in the capstone courses for the generic option and the transition option of the program will achieve a score of 850 or above on the HESI exit exam. (5) At least 90% of graduates will pass the NCLEX on the first attempt. (6) At least 80% of employers and graduates responding to postgraduation follow-up surveys will respond as strongly agree or agree to items on the survey related to PLO 1.		T Offow-up)
PLO 2: Function effectively as a coordinator of care who uses effective delegation and management strategies to promote positive patient outcomes.	1) At least 80% of students will answer correctly a subset of questions related to delegation, management, and coordination of care on course exams. (2) At least 80% of students will achieve a satisfactory evaluation on each course activity related to serving as a team leader. (3) At least 80% of students will achieve a score of at least 2.0 on		

a subset of items related to PLO 2 on the Clinical Evaluation Tool in each clinical course. (4) At least 80% of students will respond as strongly agree or agree to items on the course evaluation tool related to PLO 2. (5) At least 80% of employers and graduates responding to postgraduation follow-up surveys will respond as strongly agree or agree to items on the survey related to PLO 2. 1) At least 80% of students will PLO 3: Function effectively as answer correctly on a subset of leader who advocates for the health care organization and items related to PLO 3 on the profession. comprehensive final exam in the capstone course. (2) At least 80% of students will respond as strongly agree or agree to items on the course evaluation tool related to PLO 3. (3) At least 80% of employers and graduates responding to postgraduation follow-up surveys will respond as strongly agree or agree to items on the survey related to PLO 3. 1) At least 80% of students will PLO 4: Function effectively as a member within the discipline answer correctly a subset of of nursing who practices with questions related to PLO 4 on integrity within the ethical, comprehensive final exam in legal, and regulatory each course. framework of professional (2) At least 80% of students will nursing and models achieve a score of at least 2.0 on professional behavior. a subset of items related to PLO 4 on the Clinical Evaluation Tool in each clinical course. (3) At least 80% of students will respond as strongly agree or agree to items on the course evaluation tool related to PLO 4. (4) At least 80% of employers and graduates responding to postgraduation follow-up surveys will respond as strongly agree or agree to items on the survey related to PLO 4. 1) At least 80% of students will PLO 5: Interact with others as an effective, collaborative achieve a score of at least 2.0 on team member in providing a subset of items related to PLO

holistic care that respects the	5 of the Clinical Evaluation Tool	
patient as a unique human	in each clinical course.	
being who is a member of a	(2) At least 80% of students will	
family, a community, and a	respond as strongly agree or	
society.	agree to items on the course	
	evaluation tool related to PLO 5.	
	(3) At least 80% of employers	
	and graduates responding to post-	
	graduation follow-up surveys	
	will respond as strongly agree or	
	agree to items on the survey	
	related to PLO 5.	
DLO C E 111		
PLO 6: Exhibit competent	1) At least 80% of students will	
clinical decision making and	answer correctly a subset of	
safe performance of skills in	items related to PLO 6 on	
implementing a patient-	comprehensive final exam in	
centered plan of care directed	each course.	
toward restoring, maintaining,	(2)At least 80% of students will	
or promoting the patient's	pass the Clinical Proficiency	
1 0 1	*	
optimal health status.	Exam (CPE) on the first attempt	
	in each clinical course.	
	(3) At least 80% of students will	
	achieve a score of at least 2.0 on	
	a subset of items related to PLO	
	6 on the Clinical Evaluation Tool	
	in each clinical course.	
	(4) At least 80% of students will	
	respond as strongly agree or	
	agree to items on the course	
	evaluation tool related to PLO 6.	
	(5) At least 80% of students in	
	the capstone courses for both the	
	generic option and the transition	
	option of the program will	
	achieve a score of at least 850 on	
	the HESI exam.	
	(6) At least 90% of graduates	
	will pass the NCLEX on the first	
	attempt.	
	(7) At least 80% of employers	
	and graduates responding to post-	
	graduation follow-up surveys	
	will respond as strongly agree or	
	agree to items on the survey	
DI O 7 G	related to PLO 6.	
PLO 7: Serve as an advocate	(1)At least 80% of students will	
for patients and families in	achieve a score of at least 2.0 on	
promoting actions which	a subset of items related to PLO	
provide for physical,	7 on the Clinical Evaluation Tool	
psychological, sociological,	in each clinical course.	
<u> </u>	1	1

cultural, and spiritual comfort (2) At least 80% of students will respond as strongly agree or and safety. agree to items on the course evaluation tool related to PLO 7. (3) At least 80% of employers and graduates responding to postgraduation follow-up surveys will respond as strongly agree or agree to items on the survey related to PLO 7. (1)At least 80% of students will PLO 8: Exhibit a spirit of inquiry which promotes achieve a satisfactory evaluation participation in evidence-based on each class project related to practice, quality improvement research and evidenced-based processes, and research practice. activities leading to quality (2)At least 80% of students will patient outcomes and system achieve a score of at least 2.0 on effectiveness. a subset of items related to PLO 8 on the Clinical Evaluation Tool in each clinical course. (3) At least 80% of students will respond as strongly agree or agree to items on the course evaluation tool related to PLO 8. (4) At least 80% of employers and graduates responding to postgraduation follow-up surveys will respond as strongly agree or agree to items on the survey related to PLO 8.



OCCUPATIONAL THERAPY ASSISTANT

Program: AS-25530

PROGRAM LEARNING OUTCOMES

Upon completion of the program sequence, students will be able to:

- 1. Respond to request for services in accordance with service agency's policies and procedures.
- 2. Assist with data collection and evaluation under the supervision of an OTR.
- 3. Develop treatment goals under the supervision of an OTR.
- 4. Implement and coordinate intervention plan under the supervision of an OTR.
- 5. Provide direct service that follows a documented routine and accepted procedure under the supervision of an OTR.
- 6. Adapt the occupation, environment, and interventions according to the needs of the individual and his/her socio-cultural context under the supervision of an OTR.
- 7. Communicate and interact with other team members and the individual's family or caregivers in collaboration with an OTR.
- 8. Maintain records and documentation required by work settings under the supervision of an OTR.
- 9. Follow policies and procedures required in a setting.
- 10. Perform continuous quality improvement activities or program evaluation in collaboration with an OTR.
- 11. Maintain treatment area, equipment, and supply inventory as required.
- 12. Monitor own performance and identify supervisory needs.
- 13. Identify and pursue own professional growth and development.
- 14. Participate in professional and community activities.
- 15. Function according to the AOTA Code of Ethics and Standards of Practice.

OCCUPATIONAL THERAPY ASSISTANT

			PRO	GRAM	LEARNII	NG OUT	COMES (PLO) - Oc	cupation	al Thera	py Assist	tant				
R	Required Technical Courses	PLO 1	PLO 2	1	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10		PLO 12	PLO 13	PLO 14	PLO 15
	Please enter all required	Respond	Assist with data	Develop treatment	Implemen t and	Provide direct	Adapt the occupation	Communic ate and	Maintain records and	Follow policies	Perform continuous	Maintain treatment	Monitor own	Identify and pursue	Participate	Function according
	technical courses within	to request for	collection	goals	coordinat	service	,	interact	documentati	and	quality	area,	performan	own	in profession	to the
	your program.	services	and evaluatio	under the supervisi	e interventi	that follows a	environme nt, and	with other team	on required by work	procedur es	improveme nt	equipment,	ce and identify	professiona l growth	al and community	AOTA Code of
		in accordan	n under	on of an	on plan	document	interventio	members	settings	required	activities	and supply inventory	supervisor	and	activities.	Ethics and
		ce with service	the supervisi	OTR.	under the supervisio	ed routine and	ns according	and the individual's	under the supervision	in a setting.	or program evaluation	as required.	y needs.	developme nt.		Standards of
		agency's	on of an		n of an	accepted	to the	family or	of an OTR.	setting.	in	required.		inc.		Practice.
		policies and	OTR.		OTR.	procedure under the	needs of the	caregivers in			collaborati on with an					
		procedur				supervisio	individual	collaboratio			OTR.					
		es.				n of an OTR.	and his/her socio-	n with an OTR.								
							cultural									
							context under the									
	COURSE PREFIX &						supervisio n of an									
	NUMBER						OTR.									
1	BSC 2086C			X	X		X									
2	HSC 2554			X	X		X									
3	OTH 1001	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	OTH 1014C		X		X	X	X	X	X	X		X	X			X
5	OTH 1019C		X		X	X	X	X	X	X		X	X			X
6	OTH 1520C	X	X	X	X	X	X	X	X	X		X	X	X	X	
7	OTH 1800	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	OTH 1802	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	OTH 2131C	X	X	X	X	X	X	X	X	X	X	X	X		X	X
10	OTH 2300C	X	X	X	X	X	X	X	X	X	37	37	37		37	37
11	OTH 2420C	X	X	X	X	X	X	X	X	X	X	X	X	V	X	X
12	OTH 2840 OTH 2841	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	OTH 2841 OTH 2125	X	X	X	X	X	X	X	X	X	Λ	X	Λ	Λ	Λ	X

OCCUPATIONAL THERAPY ASSISTANT

Program: AS-25530

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Respond to request for services in accordance with service agency's policies and procedures.	Items #4 and #5 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		
PLO 2: Assist with data collection and evaluation under the supervision of an OTR.	Items #7, 8, 9 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		
PLO 3: Develop treatment goals under the supervision of an OTR.	Items #10 and 11 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		
PLO 4: Implement and coordinate intervention plan under the supervision of an OTR.	Items #12, 13, 14 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		
PLO 5: Provide direct service that follows a documented routine and accepted procedure under the supervision of an OTR.	Items #1 and #6 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		
PLO 6: Adapt the occupation, environment, and interventions according to the needs of the individual and his/her socio-cultural context under the supervision of an OTR.	Items #15, 16, 17 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		
PLO 7: Communicate and interact with other team members and the individual's family or caregivers in collaboration with an OTR.	Items #4, 5, 10, 16, 18, 24 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		
PLO 8: Maintain records and documentation required by work settings under the supervision of an OTR.	Items #19 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		
PLO 9: Follow policies and procedures required in a setting.	Items #1,2,3 of the Level II Fieldwork Performance Evaluation for the Occupational Therapy Assistant Student.		

PLO 10: Perform continuous	Items #2,3 of the Level II	
quality improvement	Fieldwork Performance	
activities or program	Evaluation for the Occupational	
evaluation in collaboration	Therapy Assistant Student.	
with an OTR.		
PLO 11: Maintain treatment	Items #22, 23 of the Level II	
area, equipment, and supply	Fieldwork Performance	
inventory as required.	Evaluation for the Occupational	
	Therapy Assistant Student.	
PLO 12: Monitor own	Items #21, 22, 23 of the Level II	
performance and identify	Fieldwork Performance	
supervisory needs.	Evaluation for the Occupational	
	Therapy Assistant Student.	
PLO 13: Identify and pursue	Items #20, 25 of the Level II	
own professional growth and	Fieldwork Performance	
development.	Evaluation for the Occupational	
	Therapy Assistant Student.	
PLO 14: Participate in	Items #20, 22, 25 of the Level II	
professional and community	Fieldwork Performance	
activities.	Evaluation for the Occupational	
	Therapy Assistant Student.	
PLO 15: Function according	Items #20, 22 of the Level II	
to the AOTA Code of Ethics	Fieldwork Performance	
and Standards of Practice.	Evaluation for the Occupational	
	Therapy Assistant Student.	



PHYSICAL THERAPIST ASSISTANT

Program: AS-25540

PROGRAM LEARNING OUTCOMES

Upon completion of the PTA Program, the graduate will be able to:

- 1. Communicate verbally and non-verbally with the patient, the PT, healthcare delivery personnel, and others, in an effective, appropriate, and capable manner.
- 2. Demonstrate sensitivity to individual and cultural differences in all aspects of physical therapy services.
- 3. Exhibit conduct that reflects a commitment to meet or exceed the expectations of members of society and the profession.
- 4. Demonstrate clinical problem-solving skills and professional judgment.
- 5. Instruct aides, volunteers, peers, and coworkers, using established techniques, programs, and instructional materials, commensurate with the learning characteristics of the audience.
- 6. Demonstrate competence in performing specific data collection techniques as delegated by the supervising PT.
- 7. Understand the plan of care written for the individual patient and implement delegated interventions to achieve the short- and long-term goals and outcomes identified in the plan of care.
- 8. Implement the delegated interventions within the plan of care established by the PT, monitors the patient's response, and responds accordingly.
- 9. Uses data collection and communication to participate in determining a patient's progress toward specific outcomes, as established in the plan of care by the PT.
- 10. Provide services under the direction of the PT in primary, secondary, and tertiary settings.
- 11. Supervises the physical therapy aide in patient-related activities as delegated to the aide by the PT and in non-patient care activities, as defined by the policies and procedures of the practice setting.
- 12. Demonstrate social responsibility, citizenship, and advocacy, including participation on community and service organizations and activities.
- 13. Participate in career development based on self-assessment, performance appraisals, work setting, and special interest.

COLLEGE

PHYSICAL THERAPIST ASSISTANT

								-					rogram. A	233 10
				PROGRA	M LEARNI	NG OUTCO	DMES (PLC)) - Physica	l Therapy	Assistant				
	Required Technical													
	Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13
	Please enter all	Communica te Verbally	Demonstrat e sensitivity	Exhibit conduct that	Demonstrat e clinical	Instruct aides.	Demonstrat	Understand the plan of	Implement the	Uses data collection	Provide services	Supervises the physical	Demonstrat e social	Participate in career
	required	and non-	to individual	reflects a	problem-	volunteers,	competence	care written	delegated	and	under the	therapy aide	responsibilit	developmen
	technical	verbally	and cultural	commitment	solving	peers, and	in	for the	intervention	communicat	direction of	in patient-	v.	t based on
	courses within	with the	differences	to meet or	skills and	coworkers,	performing	individual	s within the	ion to	the PT in	related	citizenship,	self-
	your program.	patient, the	in all	exceed the	professional	using	specific data	patient and	plan of care	participate	primary,	activities as	and	assessment,
		PT,	aspects of	expectations	judgment.	established	collection	implement	established	in	secondary,	delegated to	advocacy,	performanc
		healthcare	physical	of members		techniques,	techniques	delegated	by the PT,	determining	and tertiary	the aide by	including	e appraisals,
		delivery	therapy	of society		programs,	as delegated	intervention	monitors the	a patient's	settings.	the PT and	participation	work
		personnel,	services.	and the		and	by the	s to achieve	patient's	progress		in non-	on	setting, and
		and others,		profession.		instructional	supervising	the short-	response,	toward		patient care	community	special
		in an				materials,	PT.	and long-	and	specific		activities, as	and service	interest.
		effective,				commensur ate with the		term goals and	responds accordingly.	outcomes,		defined by the policies	organization s and	
		appropriate, and capable				learning		outcomes	accordingly.	established		and	activities.	
		manner.				characteristi		identified in		in the plan		procedures	activities.	
	COURSE	manner.				cs of the		the plan of		of care by		of the		
	PREFIX &					audience.		care.		the PT.		practice		
	NUMBER											setting.		
1	PHT 1128C						X		X	X				
2	PHT 1129C						X		X	X				
3	PHT 1213C	X			X	X	X	X	X	X				
4	PHT 1250C	X	X	X	X	X	X	X	X	X	X			
5	PHT 1801L	X	X	X	X	X	X	X	X	X	X	X	X	X
6	PHT 2220C	X	X		X		X	X	X					
7	PHT 2221C	X			X	X	X	X	X	X				
8	PHT 2252C	X			X	X	X	X	X	X		-	+	
9	PHT 2253C	X	37	37	X	X	X	X	X	X	37	V	N/	N/
10	PHT 2810L PHT 2820L	X X	X	X	X X	X X	X X	X X	X X	X X	X	X	X	X X
12	PHT 2930	X	Λ	X	X	Λ	X	X	X	X	X	Λ	Λ	X
13	PHT 2931	X	X	X	X	X	Λ	Λ	X	Λ	X	X	X	X
	ndation Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13
1	PSY 2012	1201	X	X	X	1203	ILOU	ILO	1200	I EU	12010	ILUII	12012	12013
2	ENC 1101	X		- 11	21	X		X		X				
	BSC 2085					1	X	X	X					
4	MGF 1106				X		X			X				
5	MTB 1103				X		X			X				
6	PHI 2600		X	X										
7	BSC 2086C						X	X	X					
8	HSC 2554				X				X					

PHYSICAL THERAPIST ASSISTANT

Program: AS-25540

PROGRAM ASSESSMENTS: AY 2010-2011

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Communicates	100% of students will be rated		
verbally and nonverbally with	"entry level" for communication.		
the patient, the PT, health care delivery personnel, and others	Indicator # 6 on Clinical		
in an effective, appropriate,	Performance Instrument (CPI).		
and capable manner.			
PLO 2: The student	100% of students will be rated		
demonstrates an understanding	"entry level" for cultural		
of the major differences	sensitivity.		
between individuals and cultures with sensitivity.	Indicator # 8 on Clinical		
cultures with sensitivity.	Performance Instrument (CPI).		
PLO 3: Exhibits conduct that	100% of students will be rated		
reflects a commitment to meet	"entry level".		
or exceed the expectations of			
members of society and the	Indicator # 2, #3, #4, and #5 on		
profession.	Clinical Performance Instrument		
	(CPI).		
PLO 4: Demonstrates clinical	100% of students will be rated		
problem solving skills and	"entry level" for clinical problem		
professional judgment.	solving and judgment.		
	Indicator # 9 on Clinical		
	Performance Instrument (CPI).		
PLO 5: Instructs aides,	100% of students will be rated		
volunteers, peers, and	"entry level" for educating		
coworkers using established techniques, programs, and	others.		
instructional materials	Indicator # 13 on Clinical		
commensurate with the	Performance Instrument (CPI).		
learning characteristics of the	2 627 627 747 747 747 747 747 747 747 747 747 7		
audience.			
PLO 6: Understands the plan	100% of students will be rated		
of care written for the	"entry level" for performing		
individual patient and	intervention in a competent		
implements delegated interventions to achieve the	manner.		
short- and long-term goals and	Indicator #12 on Clinical		
outcomes identified in the plan	Performance Instrument (CPI).		
of care.			

	T	T
PLO 7: Implements the	100% of students will be rated	
delegated inventions within	"entry level" for recognizing and	
the plan of care established by	discussing modifications to the	
the PT monitor the patient	plan of care.	
responses, and responds		
accordingly.	Indicator # 11 on Clinical	
	Performance Instrument (CPI).	
PLO 8: Uses data collection	100% of students will be rated	
and communication to	"entry level" for data collection.	
participate in determining a		
patient's progress toward	Indicator # 10 on Clinical	
specific outcomes as	Performance Instrument (CPI).	
established in the plan of care	, ,	
by the PT.		
PLO 9: Uses data collection	100% of students will be rated	
and communication to	"entry level" for data collection.	
participate in determining a	Territoria della concention.	
patient's progress toward	Indicator # 7 & #11 on Clinical	
specific outcomes as	Performance Instrument (CPI).	
established in the plan of care	refromance instrument (er i).	
by the PT.		
PLO 10: Provides services	100% of students will be rated	
under the direction of the PT	"entry level" for following legal	
in primary, secondary, and tertiary settings.	and ethical guidelines.	
ternary settings.	Indicator # 4 & #5 on Clinical	
DI O 11. Curaminas the	Performance Instrument (CPI).	
PLO 11: Supervises the	100% of students will be rated	
physical therapy aide in	"entry level" for proper	
patient-related activities as	supervision and use of therapy	
delegated to the aide by the PT	aides and support personnel.	
and in non-patient care		
activities, as defined by the	Indicator # 18 on Clinical	
policies and procedures of the	Performance Instrument (CPI).	
practice setting.		
PLO 12: Demonstrates social	100% of students will be rated	
responsibility, citizenship, and	"entry level" for data collection.	
advocacy, including		
participation in community	Indicator # 15 & #20 on Clinical	
and service organizations and	Performance Instrument (CPI).	
activities.		
PLO 13: Participates in career	100% of students will be rated	
development based on self-	"entry level" for data collection.	
assessment, performance		
appraisals, work setting, and	Indicator # 19 on Clinical	
special interest.	Performance Instrument (CPI).	
DUT 20201 Clinical Education is	n DT III is the constant course chase	 1

^{*} PHT 2820L Clinical Education in PT III is the capstone course chosen by the PTA Program to conduct this assessment.

For the purposes of this assessment: "Entry Level" as defined by the PTA Program is 90-100 as marked on the visual analog scale (VAS).



PROFESSIONAL PILOT SCIENCE

Program: AS-26110

PROGRAM LEARNING OUTCOMES

Upon completion of the Professional Pilot Science Program, the graduate will be able to:

- 1. Exemplify the applications of safe and effective work practices.
- 2. Apply the fundamentals of flight.
- 3. Explain pertinent US Code of Federal Regulations Title 14, the National Transportation Safety Board (NTSB) and the Transportation Security Administration (TSA).
- 4. Describe and demonstrate applications of assessment of meteorology to aviation.
- 5. Describe and demonstrate applications of management of aircraft systems.
- 6. Demonstrate use of traditional and modern avionics systems and procedures.
- 7. Demonstrate and evaluate the use of information systems and flight-planning skills.
- 8. Demonstrate effective communication and team process skills.
- 9. Employ analytical skills.
- 10. Demonstrate and evaluate aircraft operations.

PROFESSIONAL PILOT SCIENCE

							<u> </u>			Togram.	A5-20110
			PR	OGRAM LEARNING	OUTCOME	S (PLO) – Pro	fessional Pilot	Science			
R	equired Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
	Please enter all required technical courses within your program. COURSE PREFIX &	Exemplify the applications of safe and effective work practices.	Apply the fundamental s of flight.	Explain pertinent US Code of Federal Regulations Title 14, the National Transportation Safety Board (NTSB), and the Transportation Security Administration (TSA).	Describe and demonstrate applications of assessment of meteorology to aviation.	Describe and demonstrate applications of management of aircraft systems.	Demonstrate use of traditional and modern avionics systems and procedures.	Demonstrate and evaluate the use of information systems and flight planning skills.	Demonstrate effective communication and team process skill	Employ analytical skills.	Demonstrate and evaluate aircraft operations.
	NUMBER								TV.		
1	GEB 2214	37		N/	37			37	X	37	
3	ASC 2870 ASC 2473	X		X	X X	X		X X	X	X X	
4	ASC 2473 ASC 1010	X	X	X	Λ	Λ		Λ	A A	X	
5	ASC 1610	X	Λ	Λ		X	X		A	X	
6	ASC 1600C	X		X		X	X		X	X	X
7	ASC 1310	X		A		Λ	Λ		Λ	X	Λ
8	ASC 1210	X		71	A		X	X		X	X
9	ASC 1550	X	X		7.1		71	X		A	X
10	ATF 1100L	X	A	X	X	X	X	X	X	X	A
11	ATF 2305L	X	X	X	X	X	A	X	X	X	X
12	ATF 2211L	A	X	X	X	A	X	X	X	X	X
13	ATT 1100	X	X	X	X	X	X	A		X	
14	ATT 2120	X		X	X	X	X	X		X	
15	ATT 2110	X		X	X	X	X	X		X	
	ELECTIVES										
17	ATF 2403L	X	X	X	X	X	X	X	X	X	X
19	ATF 2500L	X	X	X	X	X	X	X	X	X	X
20	ATF 2530L	X		X	X	X	X	X	X	X	X
21	ATF 2510L	X		X	X	X	X	X	X	X	X
18	ATT 2130	X	X	X	X			X	X	X	X

PROFESSIONAL PILOT SCIENCE

Program: AS-26110

PROGRAM ASSESSMENTS: AY 2016-2017

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement
			(Recommendations/ Follow-up)
PLO 1: Exemplify the	80% of the students in ATF		•
applications of safe and	2211L will pass the US FAA		
effective work practices.	Commercial Pilot Practical Test		
	(single engine or multiengine) per the FAA Practical Test		
	Standards on the first attempt.		
PLO 2: Apply the	80% of ATF 1100L students will		
fundamentals of flight.	pass the US FAA Private Pilot		
Tunuamentais of mgm.	Single Engine Land Practical		
	Test per the FAA Practical Test		
	Standards on the first attempt.		
PLO 3: Explain pertinent	80% of ASC 1310 students will		
US Code of Federal	receive a passing score on an		
Regulations Title 14, the	oral presentation and summary		
National Transportation	paper which applies pertinent		
Safety Board (NTSB), and	aviation rules and regulations to		
the Transportation	a current event in aviation.		
Security Administration (TSA).			
PLO 4: Describe and	80% of students in ASC 1210		
demonstrate applications	will receive a passing score on a		
of assessment of	weather briefing guide		
meteorology to aviation.	assignment, which explains the		
	process of obtaining a weather briefing as well as how to use		
	that information to plan and		
	conduct safe flight operations.		
PLO 5: Describe and	80% of the students in ATF		
demonstrate applications	2211L will pass the US FAA		
of management of aircraft	Commercial Pilot Practical Test		
systems.	(single engine or multiengine)		
	per the FAA Practical Test		
	Standards on the first attempt.		
PLO 6: Demonstrate use	80% of the students in ATF		
of traditional and modern	2305L will pass the FAA		
avionics systems and	Instrument Rating Practical Test		
procedures.	per the FAA Practical Test		
PLO 7: Demonstrate and	Standards on the first attempt. 80% of students in ATF 1100L		
evaluate the use of	will pass the US FAA Private		
evaluate the use of	Pilot Single Engine Land		
	I not buigte Englite Land		

information systems and Practical Test per the FAA flight planning skills. Practical Test Standards on the first attempt. PLO 8: Demonstrate Assessment Measure 1: 80% of effective communication students in ASC 1010 will and team process skills. receive a passing score on an oral presentation and summary paper on a relevant aviation topic approved by the professor. Assessment Measure 2: 80% of the students in ASC 2473 will receive a passing score on a research paper addressing a human factors topic approved by the professor. Assessment Measure 1: 80% of PLO 9: Employ analytical students in ASC 1550 will skills. receive a passing score on a flight planning and performance task for a virtual flight. Assessment Measure 2: 80% of the students in ASC 1550 will receive a passing score on a paper to analyze aircraft mishaps, identify planning and performance contributing factors, and present findings. 80% of students in ATF 1100L PLO 10: Demonstrate and will pass the US FAA Private evaluate aircraft Pilot Single Engine Land operations. Practical Test per the FAA Practical Test Standards on the first attempt.

RADIOGRAPHY

Program: AS-25570

PROGRAM LEARNING OUTCOMES

Upon successful completion of this program, graduates will be able to:

- 1. Demonstrate competent clinical skills.
- 2. Communicate effectively.
- 3. Solve problems effectively.
- 4. Solve basic computation problems.
- 5. Practice basic patient care effectively.
- 6. Practice radiation protection for the patient and self.

RADIOGRAPHY

		PROGRAM	LEARNING OU	TCOMES (PLO) – RADIOGRAP	ΉΥ	
Re	quired Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6
	Please enter all required technical courses within your program.	Demonstrate competent clinical skills.	Communicate effectively.	Solve problems effectively.	Solve basic computation problems.	Practice basic patient care effectively.	Practice radiation protection for
	COURSE PREFIX & NUMBER						the patient and self.
1	CSG 1061	X					
2	HSC 1531	X	X				
3	RTE 1000				X		X
4	RTE 1111	X	X	X		X	
5	RTE 1418			X	X		
6	RTE 1458			X	X		X
7	RTE 1503C	X	X	X		X	X
8	RTE 1513C	X	X	X		X	X
9	RTE 1613			X	X		X
10	RTE 1804L	X	X	X		X	X
11	RTE 1814L	X	X	X		X	X
12	RTE 2061			X	X	X	X
13	RTE 2385				X	X	X
14	RTE 2458C		X	X	X		
15	RTE 2523C	X	X	X			X
16	RTE2762	X				X	X
17	RTE 2782C		X	X			
18	RTE 2824L	X	X	X		X	X
19	RTE 2834L	X	X	X		X	X
20	RTE 2844L	X	X	X		X	X
21	RTE 2854L	X	X	X		X	X
	ELECTIVES	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6
1	ENC 1101		X				
2	MAT 1033			X	X		
3	PHI 2600			X			
4	SS for gen ed.						
5	BSC 1084C	X				X	

RADIOGRAPHY

Program: AS-25570

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate	80% of students will earn a 3 or		
competent clinical skills.	higher on items 1-15 on the Clinical 6 evaluation.		
PLO 2: Communicate	80% of students will		
effectively.	successfully complete the oral		
	and written case study in the RTE 2523 Positioning 3 course		
	with a grade of 85% or higher.		
PLO 3: Solve problems	80% of students will		
effectively.	successfully complete the		
	"adapting to non-traditional		
	patients" scenario in the RTE		
	2523 Positioning 3 course with		
	an 85% or higher.		
PLO 4: Solve basic	100% of students will complete		
computation problems.	the Corectec "Selection of		
	Technical Factors Exercise" in		
	RTE 2061 with an 80% or		
	higher.		
PLO 5: Practice basic patient	80% of students will		
care effectively.	successfully complete all 4		
	patient care simulations in the		
	RTE 1111 Nursing Procedures		
PLO 6: Practice radiation	course. 80% of students will earn a 4 or		
protection for the patient and self.	greater on item #8 on the Clinical 6 Evaluation.		
SCII.	Chinical o Evaluation.		

RESPIRATORY CARE

Programs: AS-25580

PROGRAM LEARNING OUTCOMES

The following are program outcomes in order to attain the program mission and goal:

The program graduates will be able to:

- 1. Display a sound basis in the scientific principles which form the foundation of respiratory care practice.
- 2. Understand the normal and abnormal states of cardiopulmonary physiology which are observed and/or treated in the clinical setting.
- 3. Demonstrate a clear idea of his/her role, responsibilities, ethics and professional conduct to the patient, the physician and other members of the health care team.
- 4. Apply the appropriate equipment, medical gases, and medications which are utilized by the respiratory care profession.
- 5. Demonstrate the appropriate skills and techniques associated with the safe practice of respiratory care.
- 6. Communicate effectively in oral and written formats which will be a resource for continued personal and professional growth.
- 7. Display critical thinking skills and analysis which will be a resource for continued personal and professional growth.

RESPIRATORY CARE

	PRO	GRAM LEA	ARNING OUTCO	OMES (PLO)	- RESPIRATO	ORY CARE P	ROGRAM	
	Required Technical			, ,				
	Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
	Please enter all	Display	Understand the	Demonstrat	Apply the	Demonstrat	Communicate	Display
	required technical	a sound basis in	normal and	e a clear	appropriate	e skills and	effectively in	critical
	courses within your program.	the	abnormal states	idea of his/her role,	equipment, medical	techniques associated	oral and written formats.	thinking skills and analysis
	program.	scientific	cardiopulmonar	responsibili	gases, and	with the	Tormats.	which will be
		principles	y physiology	ties, ethics	medications	safe		a resources for
		which	which are	and	which are	practice of		continued
		form the	observed	professional	utilized by	respiratory		personal and
		foundatio	and/or treated	conduct.	the	care.		professional
		n of	in the clinical		respiratory			growth.
		respirator	setting.		care profession.			
	COURSE PREFIX &	y care practice			profession.			
	NUMBER	practice						
1	RET 1024C	X		X	X		X	
2	RET 1026C	X		X	X		X	X
3	RET 1485	X	X				X	
4	RET 2483	X	X	X	X	X	X	X
5	RET 1264C	X		X	X	X	X	X
6	RET 1293	X	X	X	X		X	X
7	RET 1832	X	X	X	X	X	X	X
8	RET 1414		X			X	X	X
9	RET 1534		X	X			X	X
10	RET 1833		X	X	X	X	X	X
11	RET 2714		X	X	X		X	X
12	RET 2876			X	X	X	X	X
13	RET 2934			X		X	X	X
14	RET 2877			X		X	X	X
	REQUISITES	PLO 1	PLO 2	PLO3	PLO 4	PLO 5	PLO 6	PLO 7
1	BSC 2086C	X						
2	CHM 1025C	X						
3	MCB 2010C		X					

RESPIRATORY CARE

Program: AS-25580

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Display a sound basis	\geq 80% of <u>RET 1264C</u> students		
in the scientific principles	will demonstrate ≥ 78%		
which form the foundation of	proficiency on the		
respiratory care practice.	comprehensive final written and		
	lab exams.		
PLO 2: Understand the normal	\geq 80% of <u>RET1293</u> students		
and abnormal states of	will demonstrate ≥ 78%		
physiology & specifically	proficiency on the		
cardiopulmonary physiology.	comprehensive final exam.		
PLO 3: Demonstrate a clear	\geq 80% of <u>RET1832</u> students		
idea of his/her role,	will demonstrate≥78%		
responsibilities, ethics and	proficiency on the clinical I		
professional conduct.	practicum evaluation(s).		
PLO 4: Apply the appropriate	\geq 80% of <u>RET1833</u> students		
equipment, medical gases and	will demonstrate ≥ 78%		
medications utilized by the	proficiency on the clinical II		
respiratory therapist.	practicum evaluation(s).		
PLO 5: Demonstrate the	\geq 80% of <u>RET2877</u> students		
appropriate skills, techniques,	will demonstrate ≥ 78%		
and protocols associated with	proficiency on the clinical IV		
safe practice.	practicum evaluation(s).		
PLO 6: Communicate	\geq 80% of <u>RET1293</u> students		
effectively in oral and written	will demonstrate ≥ 78%		
formats growth.	proficiency on a 10 page report		
	on a cardiopulmonary disease		
	state, and 10-15 min. oral		
	presentation.		
PLO 7: Display the critical	\geq 80% of <u>RET2877</u> students		
thinking skills and analysis	will demonstrate ≥ 78%		
which will be a resource for	proficiency on a 20 page senior		
continued personal and	project and a 20-30 min. oral		
professional growth.	presentation.		



SUPPLY CHAIN MANAGEMENT

Program: AS-25710

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Demonstrate an understanding of logistics, and Supply Chain Management basics.
- 2. Demonstrate an understanding of transportation systems.
- 3. Demonstrate an understanding of warehousing and materials handling.
- 4. Demonstrate an understanding of inventory and supply planning.
- 5. Demonstrate an understanding of purchasing/contracting.
- 6. Demonstrate an understanding of production.
- 7. Demonstrate an understanding of product quality management.
- 8. Develop an understanding of how accounting impacts inventory and purchasing decisions.
- 9. Develop understanding of how international markets impact distribution activities.
- 10. Demonstrate an understanding of business law, ethics and legal issues.
- 11. Demonstrate an understanding of information technology applications.
- 12. Utilize effective negotiation skills.

SUPPLY CHAIN MANAGEMENT

Program: AS-25710

	PROGRAM LEARNING OUTCOMES (PLO) - Supply Chain Management												
Requ	ired Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12
	Please enter all required technical courses within your program.	Demonstrate an understandin g of Logistics,	Demonstrate an understandin g of Transportati	Demonstrate an understandin g of Warehousin	Demonstrate and understandin g of Inventory	Demonstrate an understandin g of Purchasing/	Demonstrate an understandin g of Production.	Demonstrate an understandin g of product quality	Develop an understandin g of how accounting impacts	Develop understandin g of how international markets	Demonstrate an understandin g of Business	Demonstrate an understandin g of Information	Utilize effective negotiation skills.
	COURSE PREFIX & NUMBER	and Supply Chain Management Basics.	on Systems.	g and Materials Handling.	and Supply Planning.	Contracting.		management	inventory and purchasing decisions.	impact distribution activities.	Law, Ethics and Legal Issues.	Technology Applications	
1	CGS 1100											X	
2	ACG 2072								X				
3	TRA 1154	X											
4	TRA 2230			X									
5	TRA 2010		X										
6	MAN 2043							X					
7	TRA 2131		_		X	X			X			_	
8	MAN 2500						X						
9	BUL 2131										X		
10	MAN 2440												X
11	GEB 2350									X			
12	ISM 2000											X	

SUPPLY CHAIN MANAGEMENT

Program: AS-25710

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/
DI O 1. Demonstrate an	TD A 1154 Inter-density of the		Follow-up)
PLO 1: Demonstrate an	TRA 1154 Introduction to		
understanding of Logistics, and Supply Chain	Supply Chain Management		
Management Basics.	80% of students enrolled will		
Withingement Busies.	score 75% or above in a		
	comprehensive course final.		
PLO 2: Demonstrate an	TRA 2010 Transportation and		
understanding of	Distribution		
Transportation Systems.			
	80% of students enrolled will		
	score 75% or above in a		
	comprehensive course final.		
PLO 3: Demonstrate an	TRA 2230 Warehouse		
understanding of Warehousing and Materials Handling.	Management		
	80% of students enrolled will		
	score 75% or above in a		
	comprehensive course final.		
PLO 4: Demonstrate and	TRA 2131 Purchasing and		
understanding of Inventory and Supply Planning	Inventory Management		
	80% of students enrolled will		
	score 75% or above in a		
	comprehensive course final.		
PLO 5: Demonstrate and	TRA 2131 Purchasing and		
understanding of	Inventory Management		
Purchasing/Contracting.	80% of students enrolled will		
	score 75% or above in a		
DV O C D	comprehensive course final.		
PLO 6: Demonstrate an	MAN 2500 Operations		
understanding of Production.	Management		
	80% of students enrolled will		
	score 75% or above in a		
	comprehensive course final.		
PLO 7: Demonstrate an	MAN 2043 Principles of Quality		
understanding of Product Quality Management.	Management		
.,	80% of students enrolled will		
	score 75% or above in a		
	comprehensive course final.		

PLO 8: Develop an	ACG 2072 Accounting for	
understanding of how	Professionals	
accounting impacts inventory		
and purchasing decisions.	75% of students enrolled will	
	score at least a 40% on the pre-	
	test and 70% on the post- test	
	exams.	
PLO 9: Develop understanding	GEB 2350 Introduction to	
of how international markets	International Business	
impact distribution activities.		
	80% of students enrolled will	
	score 75% or above in a	
	comprehensive course final.	
PLO 10: Demonstrate an	BUL 2131 Commercial Law	
understanding of Business		
Law, Ethics and Legal Issues.	80% of students will	
	demonstrate an understanding of	
	the legal system, issues, and	
	analysis in commercial law by	
	passing a comprehensive exam	
	with a 75% or higher.	
PLO 11: Demonstrate an	CGS 1100 Business	
understanding of Information	Applications on	
Technology Applications.	Microcomputers(Ivey)	
	G 1 1 2 2 2 2 2	
	SAM 2007 Assessment	
	Comprehensive Final Exam with	
DI O 10 III'II CC	a 70% passing rate.	
PLO 12: Utilize effective	MAN 2440 Negotiation Skills	
negotiation skills.	900/ of standards11 - 411	
	80% of students enrolled will	
	score 75% or above in a	
	comprehensive course project.	



APPLIED TECHNOLOGY DIPLOMA





EMERGENCY MEDICAL TECHNOLOGY

Program: B8130

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will know and be able to:

- 1. Demonstrate an understanding of the principles of advanced pre-hospital care including well-being and safety of the EMT and roles and responsibilities within EMS systems.
- 2. Identify normal and abnormal findings while demonstrating the techniques of a comprehensive patient interview and physical exam.
- 3. Demonstrate professional judgment, ethical standards, critical thinking, assessment and all other skills necessary to fulfill the role of the entry level EMT.
- 4. Communicate effectively in both oral and written formats.
- 5. Demonstrate effective implementation of all basic life support skills.
- 6. Demonstrate an understanding of EMT care in the hospital and nursing home setting.

EMERGENCY MEDICAL TECHNOLOGY

Program: B8130

	PROGRAM LEARNING OUTCOMES (PLO) - Emergency Medical Technology, ATD										
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6				
	Please enter all required technical courses within your program.	Demonstrate an understanding of the principles of advanced prehospital care including well-being and safety of the EMT and roles and responsibilities within EMS	Identify normal and abnormal findings while demonstrating the techniques of a comprehensive patient interview and physical exam.	Demonstrate professional judgment, ethical standards, critical thinking, assessment and all other skills necessary to fulfill the role of the	Communicate effectively in both oral and written formats.	Demonstrate effective implementation of all basic life support skills.	Demonstrate an understanding of EMT care in the hospital and nursing home setting.				
	COURSE PREFIX & NUMBER	systems.		entry level EMT.							
1	EMS 1158	X	X								
2	EMS 1158L		X	X	X	X	X				

EMERGENCY MEDICAL TECHNOLOGY

Program: B8130

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement
	Wiethod(s)		(Recommendations/
			Follow-up)
PLO 1: Demonstrate an	At least 80% of EMS 1159		1 onow-up)
understanding of the principles	students will demonstrate at least		
of advanced pre-hospital care	80% proficiency on the		
including well-being and	comprehensive exam.		
safety of the EMT and roles			
and responsibilities within			
EMS systems.			
PLO 2: Identify normal and	At least 80% of EMS 1159		
abnormal findings while	students will demonstrate at least		
demonstrating the techniques	an overall 80% on all scenarios.		
of conducting a	At least 80% of EMS 1159L		
comprehensive patient	students will receive a score of 0		
interview and physical exam.	or greater on a scale of -2 to 1 on		
	the categories of history of chief		
	complaint and patient		
	assessment.		
PLO 3: Demonstrate	At least 80% of EMS 1159L		
professional judgment, ethical	students will receive a score of 0		
standards, critical thinking,	or greater on a scale of -2 to 1 on		
assessment and all other skills	all clinical categories included		
necessary to fulfill the role of	on the Paramedic Terminal		
the entry level EMT.	Evaluation form.		
PLO 4: Communicate	At least 80% of EMS 1159L		
effectively in both oral and	students will receive a score of 0		
written formats.	or greater on a scale of -2 to 1		
	on the categories of telemetry		
	reports, verbal reports, and		
DI O 5. December the need for	report writing from evaluations. At least 80% of EMS 1159L		
PLO 5: Recognize the need for and demonstrate effective	students will demonstrate all		
implementation of all basic life	BLS skills a minimum of 3		
support skills.	times.		
PLO 6: Demonstrate an	At least 80% of EMS 1159L		
understanding of EMT care in	students will earn a score of 0 or		
the hospital and nursing home	greater on a scale of -2 to 1 on		
setting.	clinical hospital and nursing		
	home reports in the categories of		
	involvement with patients,		
	patient assessment, patient		



WORKFORCE PROGRAMS 2013-14

relationship, and attitude from	
evaluations.	



MEDICAL RECORDS TRANSCRIPTION

ATD Program: B8060

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will know and be able to:

- 1. Apply English grammar and punctuation rules and practices in general and as they apply to the language of medicine.
- 2. Utilize the Associate for Healthcare Documentation Integrity (AHDI) Book of Style, 3rd Edition for accurate editing of medical record dictation.
- 3. Apply an understanding of medical terminology and medical language structure to facilitate accurate transcription of dictated data.
- 4. Apply knowledge of anatomy and physiology, organ system interaction, and the disease process in decision-making processes to facilitate accurate transcription of dictated data.
- 5. Recognize, research, and apply correct spelling, dosages, and transcription style to prescription and over-the-counter medicines and other treatment modalities.
- 6. Recognize general medicolegal aspects of health care professions, professional and ethical conduct expectations, and privacy and security issues related to patient records.
- 7. Utilize computerized equipment for Internet research and transcription of dictated data using current technology and industry standards.
- 8. Recognize the need for involvement in professional groups at local, state, and national levels in order to enhance profession skills and establish professional network.

MEDICAL RECORDS TRANSCRIPTION

ATD Program: B8060

	PROGR	AM LEARN	IING OUTCO	MES (PLO)	- MEDICAL	. RECORDS	TRANSCRII	PTION	
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8
	Please enter all required technical courses within your program.	Apply English grammar and punctuation rules and	Utilize the Associate for Healthcare Documentation Integrity (AHDI) Book	Apply an understanding of medical terminology and medical language	Apply knowledge of anatomy and physiology, organ	Recognize, research, and apply correct spelling, dosages, and transcription	Recognize general medicolegal aspects of health care professions,	Utilize computerized equipment for Internet research and transcription	Recognize the need for involvement in professional groups at
		practices in general and as they apply to the language of medicine.	of Style, 3rd Edition for accurate editing of medical record dictation.	structure to facilitate accurate transcription of dictated data.	system interaction, and the disease process in decision- making processes to facilitate	style to prescription and over- the-counter medicines and other treatment modalities.	professional and ethical conduct expectations, and privacy and security issues related to patient records.	of dictated data using current technology and industry standards.	local, state, and national levels in order to enhance profession skills and establish professional
	COURSE PREFIX & NUMBER				accurate transcription of dictated data.				network.
1	BSC 1084C				X				
2	ENC 1101	X							
3	HIM 1000C						X		
4	HIM 1442		X			X			
5	HSC 1531			X					
6	OST 1611C	X	X	X	X			X	X
7	OST 1711							X	
8	OST 2471				X		X		
9	OST 2612C	X	X	X	X			X	X
10	OST 2613C	X	X	X	X			X	X
11	OST 2940	X	X	X	X			X	X

MEDICAL RECORDS TRANSCRIPTION

ATD Program: B8060

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Apply English grammar and punctuation rules and practices in general and as they apply to the language of medicine.	75% of students will achieve 70% on the final exam in OST2940 Questions 1-10.		
PLO 2: Utilize the Association for Healthcare Documentation Integrity (AHDI) Book of Style, 3 rd Edition for accurate editing of medical record dictation.	75% of students will achieve 70% on the final in exam in OST2940 Questions 11-20.		
PLO 3: Apply an understanding of medical terminology and medical language structure to facilitate accurate transcription of dictated data.	75% of students will achieve 70% on the final exam in OST2940 Questions 21-30.		
PLO 4: Apply knowledge of anatomy and physiology, organ system interaction, and the disease process in decision-making processes to facilitate accurate transcription of dictated data.	75% of students will achieve 70% on the final exam in OST2940 Questions 31-35.		
PLO 5: Recognize, research, and apply correct spelling, dosages, and transcription style to prescription and overthe-counter medicines and other treatment modalities.	75% of students in HIM1442 will achieve 80% proficiency on the final exam.		
PLO 6: Recognize general medicolegal aspects of health care professions, professional and ethical conduct expectations, and privacy and security issues related to patient records.	80% of students will achieve 80% proficiency on the final exam in OST2471.		
PLO7: Utilize computerized equipment for Internet research and transcription of	75% of students will achieve 70% proficiency on the final exam in OST2940 Questions 36-40.		



dictated data according to industry standards.		
PLO 8: Recognize the need for involvement in professional groups at local, state, and national levels to enhance skills and establish professional network.	Students will attend at least one meeting at local, state, or national level.	

COLLEGE CREDIT CERTIFICATES





BOOKEEPING CERTIFICATE

Program: 68040

PROGRAM LEARNING OUTCOMES

Upon successful completion of the certification program, students will be able to:

- 1. Demonstrate an understanding of the theory of double-entry bookkeeping and the practice of journals and ledgers.
- 2. Demonstrate an understanding of financial accounting commensurate with an entry level position in accounting.
- 3. Prepare payroll documents and reconcile banking statements.
- 4. Demonstrate comprehension and communication skills.
- 5. Demonstrate proficiency in using microcomputer and electronic skills to perform job functions.
- 6. Perform financial and microcomputer accounting activities.
- 7. Understand the legal and business environment of the accounting field.
- 8. Perform information processing activities.

BOOKEEPING CERTIFICATE

	PROGRAM LEARNING OUTCOMES (PLO) - Bookkeeping Certificate											
I	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8			
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Demonstrate an understandin g of the theory of double-entry bookkeeping and the practice of journals and ledgers.	Demonstrate an understandin g of financial accounting commensurat e with an entry level position in accounting.	Prepare payroll documents and reconcile banking statements.	Demonstrate comprehensi on and communicati on skills.	Demonstrate proficiency in using microcomput er and electronic skills to perform job functions.	Perform financial and microcomput er accounting activities.		Perform information processing activities.			
1	ACG 2001		X		X			X				
2	ACG 2011		X					X				
3	ACG 2450						X					
4	APA 2135	X										
5	APA 2136			X								
6	CGS 1510					X			X			

BOOKEEPING CERTIFICATE

Program: 68040

Student Outcome			Use of Results for
	Method(s)		Enhancement
			(Recommendations/
DI O 1. Demonstrate an	ADA 2125 Decline di		Follow-up)
PLO 1: Demonstrate an	APA 2135 Bookkeeping I		
understanding of the theory of double-entry bookkeeping and	75% of students enrolled will		
the practice of journals and	score at least a 40% on the pre-		
ledgers.	test and 70% on the post- test		
icugers.	exams.		
PLO 2: Demonstrate an	ACG 2011 Principles of		
understanding of financial	Financial Accounting II		
accounting commensurate with	Timunetui Tieeesunting 11		
an entry level position in	75% of students enrolled will		
accounting.	score at least a 40% on the pre-		
	test and 70% on the post- test		
	exams.		
PLO 3: Prepare payroll	APA 2136 Bookkeeping II		
documents and reconcile			
banking statements.	75% of students enrolled will		
	score at least a 40% on the pre-		
	test and 70% on the post- test		
	exams.		
PLO 4: Demonstrate	ACG 2001 Principles of		
comprehension and	Financial Accounting I		
communications skills.	750/ 6 / 1 / 11 11		
	75% of students enrolled will		
	score at least a 40% on the pre-		
	test and 70% on the post- test		
PLO 5: Demonstrate	exams.		
proficiency in using	CGS 1510 Spreadsheet Fundamentals		
microcomputers and electronic	Tundamentals		
skills to perform job functions.	90% of students enrolled		
skins to perform job runetions.	successfully master skills		
	established for this course.		
PLO 6: Perform financial and	ACG 2450 Microcomputer		
microcomputer accounting	Accounting		
activities.			
	75% of students enrolled will		
	score at least a 40% on the pre-		
	test and 70% on the post- test		
	exams.		
PLO 7: Understand the legal	ACG 2011 Principles of		
and business environment of	Financial Accounting II		
the accounting field.			





	75% of students enrolled will score at least a 40% on the pretest and 70% on the post- test exams.	
PLO 8: Perform information processing activities.	CGS 1510 Spreadsheet Fundamentals	
	90% of students enrolled successfully master skills established for this course.	



CHILDCARE CENTER MANAGEMENT CERTIFICATE

Program: 68000

PROGRAM LEARNING OUTCOMES

After successful completion of this certificate program, graduates will be able to:

- 1. Plan a developmentally/culturally appropriate program curriculum inclusive of activities that facilitate principle and process of child development to enhance the whole child.
- 2. Design a safe, clean, and healthy learning environment while supporting state/local regulations and accreditation standards to maintain a quality program.
- 3. Explain developmental tasks relative to the various stages of development of young children.
- 4. Use appropriate guidance and classroom management techniques.



CHILDCARE CENTER MANAGEMENT CERTIFICATE

	PROGRAM LEARNING OUTCOMES (PLO) - Child Care Center Management Certificate						
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4		
	Please enter all required technical courses within your program.	Plan a developmentally/ culturally appropriate program curriculum inclusive of activities that facilitate principle and process of child development to enhance the whole	Design a safe, clean, and healthy learning environment while supporting state/local regulations and accreditation standards to maintain a quality program.	Explain developmental tasks relative to the various stages of development of young children.	Use appropriate guidance and classroom management techniques.		
	COURSE PREFIX & NUMBER	child.					
1	CHD 1380	X					
2	CHD 2220			R			
3	CHD 2320	X			X		
4	CHD 2801		R				



CHILDCARE CENTER MANAGEMENT CERTIFICATE

Program: 68000

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Plan a developmentally/culturally appropriate program curriculum inclusive of activities that facilitate principle and process of child	80% of CHD1440 students will receive at least a 2 on a scale of 0-3 on the Program Management domain of the Teacher's Skills Checklist.		
development to enhance the whole child. PLO 2: Design a safe, clean, and healthy learning	80% of CHD2801 students will design indoor and outdoor		
environment while supporting state/local regulations and accreditation standards to	environments which will include at least 12 of 15 licensing requirements that are mandated		
maintain a quality program. PLO 3: Explain developmental tasks relative to the various	for a safe and healthy program. 80% of CHD2020 students will demonstrate an 80% proficiency		
stages of development of young children.	in recognizing and aligning the developmental milestones of young children through classroom activities and a test.		
PLO 4: Use appropriate guidance and classroom management techniques.	80% of CHD1440 students will receive at least a 2 on a scale of 0–3 on the Providing Guidance domain of the Teacher's Skills Checklist.		

CISCO CCNA CERTIFICATE

Program: 68340

PROGRAM LEARNING OUTCOMES

After successful completion of this certificate program, graduates will know and be able to:

- 1. Demonstrate skill with switching concepts including trunking, STP, VLANs and port security.
- 2. Demonstrate skill with routing concepts including ACLs, NAT and WAN routing protocols such as Frame Relay, PPP and ATM.
- 3. Design, install and troubleshoot a Local Area Network (LAN).
- 4. Describe the fundamentals of Wide Area Networking (WAN).

CISCO CCNA CERTIFICATE

	PROGRAM LEARNING OUTCOMES (PLO) – CISCO CCNA Certificate						
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4		
	Please enter all required technical courses within your program.	Demonstrate skill with switching concepts	Demonstrate skill with routing concepts	Design, install and troubleshoot a Local Area	Describe the fundamentals of Wide Area		
		including trunking, STP, VLANs and port security.	including ACLs, NAT, and WAN routing protocols such as Frame Relay, PPP, and ATM.	Network (LAN).	Networking (WAN).		
	COURSE PREFIX & NUMBER						
1	CET 1600C			X			
2	CET 1610C				X		
3	CET 2615C	X					
4	CET 2620C		X				

CISCO CCNA CERTIFICATE

Program: 68340

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate skill with switching concepts including trunking, STP, VLANs and port security.	80% of students in CET 2615C will successfully complete the skill based final and the written final as defined by the Cisco Academy.		
PLO 2: Demonstrate skill with routing concepts including ACLs, NAT, and WAN routing protocols such as Frame Relay, PPP, and ATM.	80% of students in CET 2620C will successfully complete the skill based final and the written final as defined by the Cisco Academy.		
PLO 3: Design, install and troubleshoot a Local Area Network (LAN).	80% of students in CET1600C will successfully complete the skill based final and the written final as defined by the Cisco Academy.		
PLO 4: Describe the fundamentals of Wide Area Networking (WAN).	80% of students in CET1610C will successfully complete the skill based final and the written final as defined by the Cisco Academy.		

CISCO CCNP CERTIFICATE [%1]

Program: 68350

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Demonstrate advanced skills required to implement and support enterprise-class switched networks with integrated voice and wireless applications.
- 2. Demonstrate advanced skills required to implement and support enterprise-class IP routing networks.
- 3. Demonstrate advanced skills required to optimize QoS in converged networks that support voice, wireless and security applications.

CISCO CCNP CERTIFICATE

	PROGRAM LEARNING OUTCOMES (PLO) - Advanced Cisco CCNP Certificate					
	Required Technical Courses	PLO 1	PLO 2	PLO 3		
	Please enter all required technical courses within your program.	Demonstrate advanced skills required to implement and support enterprise-class switched networks with integrated voice and wireless applications.	Demonstrate advanced skills required to implement and support enterprise-class IP routing networks.	Demonstrate advanced skills required to optimize QoS in converged networks that support voice, wireless and security applications.		
	COURSE PREFIX & NUMBER					
1	CET 2626C	X				
2	CET 2627C			X		
3	CET 2628C			X		
	ELECTIVES	PLO 1	PLO 2	PLO 3		
1	CET 2629C					
2	CET 2665C					
3	CET 2682C					

CISCO CCNP CERTIFICATE

Program: 68350

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate advanced	80% of students in CET 2626C		
skills required to implement	will successfully complete the		
and support enterprise-class	skill based final and the written		
switched networks with	final as defined by the Cisco		
integrated voice and wireless	Academy.		
applications.			
PLO 2: Demonstrate advanced	80% of students in CET 2625C		
skills required to implement	will successfully complete the		
and support enterprise-class IP	skill based final and the written		
routing networks.	final as defined by the Cisco		
	Academy.		
PLO 3: Demonstrate advanced	80% of students in CET 2627C		
skills required to optimize QoS	and CET 2628C will		
in converged networks that	successfully complete the skill		
support voice, wireless and	based final and the written final		
security applications.	as defined by the Cisco		
	Academy.		



ENTREPRENEURSHIP CERTIFICATE

Program: 68050

PROGRAM LEARNING OUTCOMES

After completion of this program, graduates will be able to:

- 1. Evaluate the macro-environment that businesses operate within to determine entrepreneurial opportunities.
- 2. Utilize accounting concepts to interpret financial data, and use that data to make informed decisions about the operating performance and financial position of a company.
- 3. Demonstrate an understanding of the legal and regulatory issues of operating a business.
- 4. Recommend appropriate marketing strategies that enable a business to succeed.
- 5. Apply leadership and managerial skills to build relationships in the workplace that are effective with customers, employees, and suppliers.
- 6. Assess all aspects of operating a small business.
- 7. Assess the ability of a business to raise capital through the completion of a comprehensive business plan.

ENTREPRENEURSHIP CERTIFICATE

	PROGRAM LEARNING OUTCOMES (PLO) - Advanced Cisco CCNP Certificate							
R	equired Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
	Please enter all required technical courses within your program.	Evaluate the macro- environment that businesses operate within to determine entrepreneurial opportunities.	Utilize accounting concepts to interpret financial data, and use that data to make informed decisions about the operating performance and financial position of a company.	Demonstrate an understanding of the legal and regulatory issues of operating a business.	Recommend appropriate marketing strategies that enable a business to succeed.	Apply leadership and managerial skills to build relationships in the workplace that are effective with customers, employees, and suppliers.	Assess all aspects of operating a small business.	Assess the ability of a business to raise capital through the completion of a comprehensive business plan.
	COURSE PREFIX & NUMBER							
1	ENT 1000	X						
2	ENT 2112						X	
3	SBM 2000							X
	ELECTIVES	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
1	ACG 2071		X					
2	ACG 2072		X					
3	BUL 2241			X				
4	FIN 2000		X					
5	MAN 2021					X		
6	MAR 2011				X			
7	MKA 2021				X			
8	MKA 2041				X			
9	MKA 2511				X			

ENTREPRENEURSHIP CERTIFICATE

Program: 68050

Student Outcome	Benchmark and Assessment	Evidence/Results	Use of Results for
	Method(s)		Enhancement
			(Recommendations/
			Follow-up)
PLO 1: Evaluate the macro-	ENT 1000- Intro. To	Program began in	Changes to program
environment that businesses	Entrepreneurship	Fall 2012. Ongoing	will be made based
operate within to determine		assessments will be	on student feedback
entrepreneurial opportunities.	80 % of students will	given each semester	and assessment
	score/achieve a 75% or above on	and analyzed for	results.
	instructor developed	results.	
	comprehensive final exam.		~
PLO 2: Utilize accounting	ACG 2071 Managerial	Program began in	Changes to program
concepts to interpret financial	Accounting, or ACG 2072	Fall 2012. Ongoing	will be made based
data, and use that data to make	Accounting for Professionals	assessments will be	on student feedback
informed decisions about the	750/ 6 . 1	given each semester	and assessment
operating performance and	75% of students enrolled will	and analyzed for	results.
financial position of a	score at least a 40% on the pre-	results.	
company.	test and 70% on the post- test		
	exams		
	EIN 2000 Principles of Finance		
	FIN 2000-Principles of Finance 70% of students enrolled will		
	score 75% or above in a		
	comprehensive course final.		
PLO 3: Demonstrate an	BUL 2241 Business Law	Program began in	Changes to program
understanding of the legal and	BCL 2241 Business Law	Fall 2012. Ongoing	will be made based
regulatory issues of operating	"80% of students will	assessments will be	on student feedback
a business.	demonstrate an understanding of	given each semester	and assessment
	the legal system, issues, and	and analyzed for	results.
	analysis by passing a	results.	
	comprehensive exam with a 75%		
	or higher."		
PLO 4: Recommend	MAR 2011 Principles of	Program began in	Changes to program
appropriate marketing	Marketing, MKA 2021	Fall 2012. Ongoing	will be made based
strategies that enable a	Principles of Selling, MKA 2041	assessments will be	on student feedback
business to succeed.	Principles of Retailing, or MKA	given each semester	and assessment
	2511 Principles of Advertising	and analyzed for	results.
		results.	
	80 % of students will		
	score/achieve a 75% or above on		
	instructor developed		
	comprehensive final exam.		
PLO 5: Apply leadership and	MAN 2021 Principle of	Program began in	Changes to program
managerial skills to build	Management	Fall 2012. Ongoing	will be made based
relationships in the workplace		assessments will be	on student feedback
that are effective with	80% or students will	given each semester	and assessment
	score/achieve a 75% or above on		results.

customers, employees, and suppliers.	instructor developed comprehensive final exam.	and analyzed for results.	
PLO 6: Assess all aspects of operating a small business.	ENT 2112 Entrepreneurship Opportunity Analysis	Program began in Fall 2012. Ongoing assessments will be	Changes to program will be made based on student feedback
	80 % of students will score/achieve a 75% or above on instructor developed comprehensive final exam.	given each semester and analyzed for results.	and assessment results.
PLO 7: Assess the ability of a business to raise capital through the completion of a comprehensive business plan.	SBM 2000 Small Business Management 85% of students will score/achieve a 75% or above on business plan project, scored with rubric.	Program began in Fall 2012. Ongoing assessments will be given each semester and analyzed for results.	Changes to program will be made based on student feedback and assessment results.



GRAPHIC DESIGN CERTIFICATE

Program: 68400

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.
- 2. Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.
- 3. Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.
- 4. Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.



GRAPHIC DESIGN CERTIFICATE

	PROGRAM LEARNING OUTCOMES (PLO) - Medical Coding Specialist Certificate						
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4		
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.	Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.	Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.	Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.		
1	CGS 2820C	X	X		M		
2	DIG 2109C	X	X	M			
3	GRA 1206C	X	X	X			
4	GRA 2120C	M	X	X			
5	GRA 2156C	X	M	X			



GRAPHIC DESIGN CERTIFICATE

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.	Benchmark: 80% of students must create a brochure, flyer, advertisement or similar product that meets standard of good design and is suitable for inclusion in a portfolio and earns a grade of 70% or higher.		
PLO 2: Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.	Benchmark: 80% of students must pass final exam with a grade of 70% or higher.		
PLO 3: Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.	Benchmark: 80% of students must pass final exam with a grade of 70% or higher.		
PLO 4: Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.	Benchmark: 80% of students must create a website that incorporates multimedia and has good visual appeal and usability and earns a grade of 70% or higher.		



MEDICAL CODING SPECALIST CERTIFICATE

Program: 68030

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Demonstrate essential application principles of Health Information Technologist.
- 2. Illustrate principles, application and reimbursement guidelines of Clinical Classifications systems of ICD-9-CM/ICD-10-CM.
- 3. Illustrate principles, application and reimbursement guidelines of Clinical Classification of CPT.



MEDICAL CODING SPECALIST CERTIFICATE

	PROGRAM LEARNING OUTCOMES (PLO) - Medical Coding Specialist Certificate						
	Required Technical Courses	PLO 1	PLO 2	PLO 3			
	Please enter all required technical courses within your program.	Demonstrate essential application principles of Health Information Technologist	Illustrate principles, applications and reimbursement guidelines of Clinical Classification systems ICD-9-CM/ICD-10-	Illustrate principles, application and reimbursement guidelines of Clinical Classification of CPT.			
	COURSE PREFIX & NUMBER		CM.				
1	HIM 1000C	X					
2	HIM 1400C	X					
3	HIM 1442	X					
4	HIM 1222C	X	X				
5	HIM 2234C	X	X	X			
6	HIM 2253C	X	X	X			
7	HIM 2810L	X	X	X			
8	HIM 2935	X	X	X			



MEDICAL CODING SPECALIST CERTIFICATE

Program: 68030

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate essential	At least 80% of 1000C		
application principles of	HIM/CCS students will		
Health Information	demonstrate at least 75%		
Technologist.	proficiency on the		
	comprehensive unit/final exam.		
PLO 2: Illustrate principles,	At least 80% of Coding 2810L		
application and reimbursement	students will demonstrate		
guidelines of Clinical	expected competencies by		
Classifications systems of	passing the practicum		
ICD-9-CM/ICD-10-CM.	application exercises for each		
	lesson. (Exercises are pass/fail).		
PLO 3: Illustrate principles,	At least 80% of Coding 2253C		
application and reimbursement	students will demonstrate at least		
guidelines of Clinical	75% proficiency on unit/final		
Classification of CPT.	exam.		

(Gray= done)

(Yellow= need data)



MICROCOMPUTER REPAIR/INSTALLATION CERTIFICATE

Program: 68310

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Install, configure, secure, optimize and troubleshoot Windows Vista workstations.
- 2. Demonstrate the ability to diagnosis and repair microcomputers.
- 3. Discuss and implement beginning network protocols, IP addressing, LANs and router configuration.

MICROCOMPUTER REPAIR/INSTALLATION CERTIFICATE

Program: 68310

	PROGRAM LEARNING OUTCOMES (PLO) - Microcomputer Repair/Installation Certificate						
	Required Technical Courses	PLO 1	PLO 2	PLO 3			
	Please enter all required technical	Install, configure,	Demonstrate the	Discuss and			
	courses within your program.	secure, optimize and	ability to diagnosis	implement			
		troubleshoot Windows	and repair	beginning network			
		Vista workstations.	microcomputers.	protocols, IP			
				addressing, LANs			
				and router			
				configuration.			
	COURSE PREFIX & NUMBER						
1	CET 1174C		X				
2	CTS 2110C	X	X				
3	CET 1600C			X			
4	CET 1610C			X			
5	CET 1162C	X					

MICROCOMPUTER REPAIR/INSTALLATION CERTIFICATE

Program: 68310

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement
			(Recommendations/
			Follow-up)
PLO 1: Install, configure,	80% of students in CTS2110C		
secure, optimize and	will take CET1174C and pass		
troubleshoot Windows Vista	the A+ certification.		
workstations.			
PLO 2: Demonstrate the	80% of students in CET1174C		
ability to diagnosis and repair	will take CTS2110C and pass		
microcomputers.	the A+ certification.		
PLO 3: Discuss and	80% of students in CET1600C		
implement beginning network	and CET1610C will		
protocols, IP addressing,	successfully complete the skill		
LANs and router	based finals and the written		
configuration.	finals as defined by the Cisco		
	Academy.		



PARAMEDIC CERTIFICATE

Program: 68160

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will know and be able to:

- 1. Demonstrate an understanding of the principles of advanced prehospital care including well-being and safety of the Paramedic and roles and responsibilities within EMS systems.
- 2. Identify normal and abnormal findings while demonstrating the techniques of a comprehensive patient interview and physical exam.
- 3. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient including blunt, penetrating, soft-tissue, and musculoskeletal trauma, burns, and hemorrhage and shock.
- 4. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the medical patient including pulmonogoly, cardiology, neurology, psychiatric, and OB/GYN emergencies.
- 5. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for neonatal, pediatric, and geriatric patients, diverse patients, and chronically ill patients.
- 6. Communicate effectively in both oral and written formats.
- 7. Demonstrate professional judgment, ethical standards, critical thinking, assessment and all other skills necessary to fulfill the role of the entry level Paramedic.
- 8. Demonstrate effective implementation of all basic life support skills.
- 9. Demonstrate effective implementation of all advanced life support skills.
- 10. Demonstrate an understanding of role of a paramedic care in the hospital setting.

PARAMEDIC CERTIFICATE

Program: 68160

	PROGRAM LEARNING OUTCOMES (PLO) - Paramedic Certificate										
R	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Demonstrate the understanding of the principles of advanced pre- hospital care including well-being and safety of the Paramedic and roles and responsibilitie s within EMS systems	Identify normal and abnormal findings while demonstrating the techniques of conducting a comprehensiv e patient interview and physical exam	Integrate pathophysiolo gical principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient including blunt, penetrating, soft-tissue, and musculoskelet al trauma, burns, and hemorrhage and shock	Integrate pathophysiolo gical principles and assessment findings to formulate a field impression and implement the treatment plan for the medical patient including pulmonology, cardiology, neurology, psychiatric, and OB/GYN emergencies	Integrate pathophysiolo gical principles and assessment findings to formulate a field impression and implement the treatment plan for neonatal, pediatric, and geriatric patients, diverse patients, and chronically ill patients	Communicate effectively in both oral and written formats	Demonstrate professional judgment, ethical standards, critical thinking, and all skills necessary to fulfill the role of the entry level Paramedic	Recognize the need for and demonstrate effective implementation of all basic life support skills	Recognize the need for and demonstrate effective implementation of all advanced life support skills	Demonstrate an understanding of Paramedic care in the hospital setting
1	EMS 2603	R	R								
2	EMS 2603L	X	X				X	X	R		X
3	EMS 2604		X	R*	R*						
4	EMS 2064L	X	X	X	X		X	X	X	R	R
5	EMS 2605		X	X	X	R					
6	EMS 2605L	X	R*	R	R	X	R	R	X	X	

PARAMEDIC CERTIFICATE

Program: 68160

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate the understanding of the principles of advanced prehospital care including well-being and safety of the Paramedic and roles and responsibilities within EMS systems.	At least 80% of EMS 2603 students will demonstrate at least 80% proficiency on the comprehensive exam.		
PLO 2: Identify normal and abnormal findings while demonstrating the techniques of a comprehensive patient interview and physical exam.	At least 80% of EMS 2603 students will demonstrate at least 80% proficiency on the comprehensive exam of patient assessment.		
	At least 80% of EMS 2605L students will receive an score of 0 or greater on a scale of -2 to 1 on the categories of history of chief complaint and patient assessment.		
PLO 3: Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient	At least 80% of EMS 2604 students will demonstrate at least 80% proficiency on the comprehensive exam of trauma emergencies.		
including blunt, penetrating, soft-tissue, and musculoskeletal trauma, burns, and hemorrhage and shock.	At least 80% of EMS 2605L students will have assessed and treated a minimum of 60 trauma patients of varying ages.		
PLO 4: Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the medical patient	At least 80% of EMS 2604 students will demonstrate at least 80% proficiency on the comprehensive exam of medical emergencies.		
including pulmonogoly, cardiology, neurology, psychiatric, and OB/GYN emergencies.	At least 80% of EMS 2605L students will have assessed and treated a minimum of 190 medical patients of varying ages.		

DY 0 7 7	4 1 000/ CFD FG 0 COF	
PLO 5: Integrate	At least 80% of EMS 2605	
pathophysiological principles	students will demonstrate at	
and assessment findings to	least 80% proficiency on the	
formulate a field impression	comprehensive review exam.	
and implement the treatment		
plan for neonatal, pediatric,		
and geriatric patients, diverse		
patients, and chronically ill		
patients.		
PLO 6: Communicate	At least 80% of EMS 2605L	
effectively in both oral and	students will receive a score of 0	
written formats.	or greater on a scale of -2 to 1	
	on the categories of telemetry	
	reports, verbal reports, and	
	report writing from evaluations.	
PLO 7: Demonstrate	At least 80% of EMS 2605L	
professional judgment, ethical	students will receive an score of	
standards, critical thinking,	0 or greater on a scale of -2 to 1	
assessment and all other skills	on all clinical categories	
necessary to fulfill the role of	included on the Paramedic	
the entry level Paramedic.	Terminal Evaluation form.	
PLO 8: Recognize the need	At least 80% of EMS 2603L	
for and demonstrate effective	students will demonstrate all	
implementation of all basic	BLS skills a minimum of 3	
life support skills.	times.	
PLO 9: Recognize the need	At least 80% of EMS 2604L	
for and demonstrate effective	students will demonstrate all	
implementation of all	ALS skills a minimum of 3	
advanced life support skills.	times.	
PLO 10: Demonstrate an	At least 80% of EMS 2604L	
understanding of Paramedic	students will complete all	
care in the hospital setting.	hospital objectives in the	
	emergency department,	
	pediatric, psychiatric, ICU, and	
	OB settings.	

PRESCHOOL CERTIFICATE

Program: 68010

PROGRAM LEARNING OUTCOMES

After successful completion of this certificate program, graduates will be able to:

- 1. Plan a developmentally/culturally appropriate program curriculum inclusive of activities that facilitate principles and processes of child development to enhance the whole child.
- 2. Use appropriate guidance and classroom management techniques.
- 3. Explain developmental tasks relative to the various stages of development of young children.



PRESCHOOL CERTIFICATE

Program: 68010

	PROGRAM LEARNING OUTCOMES (PLO) - Preschool Certificate							
	Required Technical Courses	PLO 1	PLO 2	PLO 3				
	Please enter all required technical courses within your program.	Plan a developmentally/ culturally appropriate program curriculum inclusive of activities that facilitate principles and processes of child development to enhance the whole child.	Use appropriate guidance and classroom management techniques.	Explain developmental tasks relative to the various stages of development of young children.				
	COURSE PREFIX & NUMBER							
1	CHD 1380	X						
2	CHD 2220			R				
3	CHD 2320	X	X					
4	CHD 1440	R	R					



PRESCHOOL CERTIFICATE

Program: 68010

PROGRAM ASSESSMENT

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Plan a developmentally/culturally appropriate program curriculum inclusive of activities that facilitate principles and processes of child development to	80% of CHD1440 students will receive at least a 2 on a scale of 0-3 on the Program Management domain of the Teacher's Skills Checklist.		
enhance the whole child. PLO 2: Use appropriate guidance and classroom management techniques.	80% of CHD1440 students will receive at least a 2 on a scale of 0–3 on the Providing Guidance domain of the Teacher's Skills Checklist.		
PLO 3: Explain developmental tasks relative to the various stages of development of young children.	80% of CHD2020 students will demonstrate an 80% proficiency in recognizing and aligning the developmental milestones of young children through classroom activities and a test.		



VIDEO PRODUCTION CERTIFICATE

Program: 68410

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.
- 2. Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.
- Collaborate within a multimedia team or group in a manner that demonstrates good soft skills,
 pleasing attitude, clarity of thought, and mutual respect to produce a common output that provides
 good aesthetic appeal and conforms to industry standards
- 4. Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.
- 5. Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.



VIDEO PRODUCTION CERTIFICATE

Program: 68410

PROGRAM LEARNING	OUTCOMES (P	LO) - Medical C	oding Specialis	st Certificate	
Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5
Please enter all required technical	Incorporate	Develop	Collaborate	Create,	Use
courses within your program.	principles of	targeted	within a	manipulate,	multimedia
	good design,	messages and	multimedia	manage, and distribute	tools for web,
	composition,	use industry-	team or	digital media	video, audio, imaging,
	lighting,	standard	group in a	using	animation,
	interactivity,	tools to	manner that	existing and	and
	usability,	create,	demonstrates	emerging	programming
	typography,	manage, and	good soft	technologies	to create
	artistry,	communicate	skills,	that conform	products that
	creativity,	that message	pleasing	to industry standards of	meet clients' requirements
	and	using	attitude,	good design.	and conform
	aesthetics	appropriate	clarity of	good design.	to good
	using	formats,	thought, and		standards of
	appropriate	channels, and	mutual		design,
	tools and	messaging	respect to		usability, and
	techniques to	techniques.	produce a		visual appeal.
	produce		common		
	pleasing		output that		
	products.		provides		
			good		
			aesthetic		
			appeal and		
			conforms to		
			industry		
			standards		
COVIDGE PREEM A MARCHINA					
COURSE PREFIX & NUMBER	X	X	X	X	M
1 DIG 2030C 2 DIG 2430C	Λ	M	X	Λ	X
3 DIG 2292C	M	X	X	M	X
4 DIG 2330C	X	X	M	171	21



VIDEO PRODUCTION CERTIFICATE

PROGRAM ASSESSMENTS

Program: 68410

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.	Benchmark: 80% of students must create a final video project that meets the main requirements of this PLO and receives a grade of 70% or higher.		
PLO 2: Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.	Benchmark: 80% of students must create a finished video from a well-developed script and receive a grade of 70% or higher.		
PLO 3: Collaborate within a multimedia team or group in a manner that demonstrates good soft skills, pleasing attitude, clarity of thought, and mutual respect to produce a common output that provides good aesthetic appeal and conforms to industry standards.	Benchmark: 80% of students must design and place adequate lighting on set to create a predefined mood that supports a given story. Accuracy of light placement must meet the requirements for a grade of 70% or higher.		
PLO 4: Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.	Benchmark: 80% of students must pass final exam with a grade of 70% or higher.		
PLO 5: Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.	Benchmark: 80% of students create a final video project that meets requirements for high quality and incorporates various multimedia and earns a grade of 70% or higher.		



WEB PRODUCTION CERTIFICATE

Program: 68420

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.
- 2. Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.
- 3. Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.
- 4. Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.



WEB PRODUCTION CERTIFICATE

Program: 68420

	PROGRAM LEARNING OUTCOMES (PLO) - Medical Coding Specialist Certificate						
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4		
	Please enter all required technical courses within your program. COURSE PREFIX & NUMBER	Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.	Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.	Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.	Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.		
1	DIG 2000	X	X	M	X		
2	DIG 2030C	X	M	X	X		
3	CGS 2820C	X	X	X	M		
4	DIG 2500C	M	X		X		
5	CGS 2800C	X	X	X	X		



WEB PRODUCTION CERTIFICATE

PROGRAM ASSESSMENTS

Program: 68420

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Incorporate principles of good design, composition, lighting, interactivity, usability, typography, artistry, creativity, and aesthetics using appropriate tools and techniques to produce pleasing products.	Benchmark: 80% of students must create final interactive product with visual appeal and good usability that earns a grade of 70% or higher.		
PLO 2: Develop targeted messages and use industry-standard tools to create, manage, and communicate that message using appropriate formats, channels, and messaging techniques.	Benchmark: 80% of students must create a final video with a strong message directed to a target audience. Finished product must earn a grade of 70% or higher.		
PLO 3: Create, manipulate, manage, and distribute digital media using existing and emerging technologies that conform to industry standards of good design.	Benchmark: 80% of students must pass final exam with a grade of 70% or higher.		
PLO 4: Use multimedia tools for web, video, audio, imaging, animation, and programming to create products that meet clients' requirements and conform to good standards of design, usability, and visual appeal.	Benchmark: 80% of students must create a website that includes multimedia and good design and earns a grade of 70% or higher.		



EDUCATOR PREPARATION INSTITUTE





EPI ALTERNATIVE CERTIFICATION PROGRAM

Program: F9025

PROGRAM LEARNING OUTCOMES

Students will be able to:

- 1. Demonstrate Florida Educator Accomplished Practices (FEAP's) competencies.
- 2. Receive a passing score on the Professional Education Portion of the Florida Teacher Certification Examinations (FTCE).
- 3. Successfully complete Reading Competency 2 Endorsement.
- 4. Successfully demonstrate teaching a lesson in a K-12 school.



EPI ALTERNATIVE CERTIFICATION PROGRAM

Program: F9025

	PROGRAM LEARNING OU	TCOMES (PLO) - E	PI Alternative	Certification Pro	ogram
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4
	Please enter all required technical courses within your program.	Demonstrate Florida Educator Accomplished Practice (FEAP's) competencies.	Receive a passing score on the Professional Education Portion of the Florida Teacher Certification Examinations	Successfully complete Reading Competency 2 Endorsement.	Successfully demonstrate teaching a lesson in a K-12 school.
	COURSE PREFIX & NUMBER		(FTCE).		
1	EPI 0001	X	X		
2	EPI 0002	X	X		
3	EPI 0003	X	X		
4	EPI 0004	X	X		
5	EPI 0010	X	X	X	
6	EPI 0020	X	X		
7	EPI 0940		X		
8	EPI 0030	X	X		
9	EPI 0945		X		X



EPI ALTERNATIVE CERTIFICATION PROGRAM

Program: F9025

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate Florida Educator Accomplished Practices (FEAP's) competencies.	90% of EPI program completers will demonstrate 80% proficiency of the Florida Educator Accomplished Practices competencies through successful completion of a task, a FEAP related assignment in each of the 7 courses. Field Experience courses excluded.		
PLO 2: Receive a passing score on the Professional Education Portion of the Florida Teacher Certification Examinations (FTCE).	80% of EPI graduates that took the Professional Education portion of the Florida Teacher Certification Exam will demonstrate 100% proficiency.		
PLO 3: Successfully complete Reading Competency 2 Endorsement.	90% of EPI participants will demonstrate 80% proficiency of the Reading Competency 2 Endorsement at the completion of EPI0010 Research Based Practices in Reading.		
PLO 4: Successfully demonstrate teaching a lesson in a K-12 school.	90% of EPI program participants teaching a lesson in a K-12 school will demonstrate 80% proficiency evaluated by a qualified educator.		



BACHELOR PROGRAMS





Program: U5030, U5130, U5230, U5330, U5430

PROGRAM LEARNING OUTCOMES

Upon successful completion of the Bachelor of Applied Science in Supervision and Management, the student will be able to:

- 1. Demonstrate leadership expertise through the ability to motivate teams and individuals, and to facilitate change within an organization.
- 2. Comprehend the ethical and legal dimensions of an organization and apply ethical standards and social responsibility to all facets of organizational decision making.
- 3. Conduct an analysis of appropriate financial and economic data necessary to support organizational decision making.
- 4. Apply management theories and resource management practices to successfully lead a dynamic organization.
- 5. Demonstrate the ability to collect data and analyze information in order to formulate analytically sound decisions for the planning and utilization of resources.
- 6. Analyze and apply the strategic decision-making and operational planning process for effectual policy making within an organization.
- 7. Communicate effectively in a variety of modes within an organizational environment.

Specialization: U5030 Business Administration

- 1. Integrate the knowledge acquired in the Supervision and Management program to analyze, plan, direct, and strategically lead a business enterprise.
- 2. Apply critical thinking skills to identify business problems and recommend solutions through the understanding of the key functional areas of business.

Specialization: U5130 Public Administration

- 1. Integrate the knowledge acquired in concentration courses to analyze and present concepts and theories related to: public administration, relationships between public and private organizations, and the hierarchy within public organizations
- 2. Think critically and ethically about the purpose, design, and function of government, community service, and civil society as each relates to public, not-for-profit, and private organizations.

Specialization: U5230 Public Safety Management

- 1. Analyze critical incidents and assemble an effective plan to resolve emergency situations.
- 2. Demonstrate written and oral presentation skills required of a public safety professional during critical incidents.

Specialization: U5430 Business Information Technology

- 1. Explain the connection between information technology and other business divisions of a company.
- 2. Explain the business process used to gather, format, analyze, and disseminate information to support business objectives.
- 3. Determine how information technology can support managerial decision making and problem solving.
- 4. Formulate effective business intelligence data models, design system solutions, and integrate them into a sustainable business model.

Specialization: U5330 Healthcare Administration

- 1. Analyze the nature and causes of major healthcare problems, drawing on a broad informational base of healthcare and health issues.
- 2. Evaluate the structure of healthcare delivery systems and the related information technology, finance, and risk management issues.
- 3. Interpret the legal, regulatory, and ethical issues in healthcare administration.
- 4. Integrate information from multidisciplinary functional areas to critically analyze and strategize solutions to various healthcare issues.

COLLEGE

SUPERVISION AND MANAGEMENT, BAS

Program: U5030, U5130, U5230, U5330, U5430

	PROGRAM LEARNING OUTCOMES (PLO) - Supervision and Management, BAS									
		ricoc	INAIVI LLAINIV		VILS (FLO) - 3	uper vision a	ilu ivialiageii	ileiti, DAS		
			1	1				1	Business Ad	lministration
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 1	PLO 2
		Demonstrate	Comprehend the	Conduct an	Apply	Demonstrate the	Analyze and apply	Communicate	Integrate the	Apply critical
		leadership expertise through	ethical and legal dimensions of an	analysis of appropriate	management theories and	ability to collect data and analyze	the strategic decision-making	effectively in a variety of modes	knowledge acquired in the Supervision	thinking skills to identify business
		the ability to	organization and	financial and	resource	information in	and operational	within an	and Management	problems and
		motivate teams and	apply ethical	economic data	management	order to formulate	planning process	organizational	program to analyze,	recommend solutions
		individuals, and to facilitate change	standards and social	necessary to support	practices to successfully lead a	analytically sound decisions for the	for effectual policy making within an	environment.	plan, direct, and strategically lead a	through the understanding of the
		within an	responsibility to all	organizational	dynamic	planning and	organization.		business enterprise.	key functional areas
		organization.	facets of	decision making.	organization.	utilization of				of business.
			organizational decision making.			resources.				
	COURSE PREFIX &		and the state of t							
1	NUMBER GEB 3213							X		+
2	GEB 3213 GEB 4891						X	Λ		+
3	MAN 3240		X				Λ			
4	MAN 3303	X	Λ							
5	MAN 4301	X			X					
6	MAN 4501 MAN 4504	X			X					
7	QMB 3600	71				X	X			+
,	Business									
	Administration								PLO 1	PLO 2
1	ACG 3024									
2	BUL 3310									
3	FIN 3403									
4	MAN 4162									
5	MAR 4802									
6	GEB 4900									
	ELECTIVES									
1	GEB 3356									
2	GEB 4376									
3	ISM 4011									
4	MAN 3063									



Program: U5030, U5130, U5230, U5330, U5430

	PROGRAM LEARNING OUTCOMES (PLO) - Supervision and Management, BAS								
	uired Technical Courses	Public Adr	ninistration	Public Safety Management					
	Please enter all required technical courses within your								
	program.	PLO 1	PLO 2	PLO 1	PLO 2				
	COURSE PREFIX & NUMBER	Integrate the knowledge acquired in concentration courses to analyze and present concepts and theories related to: public administration, relationships between public and private organizations, and the hierarchy within public organizations.	Think critically and ethically about the purpose, design, and function of government, community service, and civil society as each relates to public, not-for-profit, and private organizations.	Analyze critical incidents and assemble an effective plan to resolve emergency situations.	Demonstrate written and oral presentation skills required of a public safety professional during critical incidents.				
	Public								
	Administration	PLO 1	PLO 2						
1	PAD 4204								
2	PAD 4152								
3	PAD 4806								
4	PAD 4874								
5	PAD 4604								
6	PAD 4879								
	ELECTIVES								
1	PAD 4414								
2	DSC 3079								
_	Public Safety								
	Management			PLO 1	PLO 2				
1	PAD 4204			-					
2	PAD 4604								
3	DSC 3079								
4	PAD 4393								
5	PAD 3820								
6	PAD 4878								
Ü	ELECTIVES								
1	PAD 4414								
2	PAD 4874								
3	PAD 4806								
4	PAD 4932								
5	PAD 4152			<u> </u>					
	1110 7100								



Program: U5030, U5130, U5230, U5330, U5430

						<u> </u>	, ,	03330, 03430		
	PROGRAM LEARNING OUTCOMES (PLO) - Supervision and Management, BAS									
Required Technical Courses		Business Inform	ation Technology			Healthcare A	dministration			
Please enter all required										
technical courses within your	PLO 1	PLO 2	PLO 3	PLO 4	PLO 1	PLO 2	PLO 3	PLO 4		
program.	Explain the	Explain the	Determine how	Formulate	Analyze the	Evaluate the	Interpret the	Integrate		
	connection	business process	information	effective business	nature and cause	structure of	legal, regulatory,	information from		
	between	used to gather,	technology can	intelligence data	of major	healthcare	and ethical issues	multidisciplinary		
	information	format, analyze,	support	models, design	healthcare	delivery systems	in healthcare	functional areas		
	technology and	and disseminate	managerial	system solutions,	problems,	and the related	administration.	to critically		
	other business	information to	decision making	and integrate	drawing on a	information	administration.	analyze and		
	divisions of a	support business	and problem	them into a	broad	technology,		strategize		
	company.	objectives.	solving.	sustainable	informational	finance, and risk		solutions to		
GOVINGE PROFILE A	company.	oojeen ves.	sorving.	business model.	base of healthcare	management		various		
COURSE PREFIX & NUMBER					and health issues.	issues.		healthcare issues.		
1 CSG 3092										
2 CAP 4063										
3 CAP 4774										
4 CEN 3037										
5 CIS 4305										
6 CIS 4891										
ELECTIVES										
1 COP 3331										
2 COP 3177										
Healthcare										
Administration					PLO 1	PLO 2	PLO 3	PLO 4		
1 HSA 4553										
2 HSA3170										
3 HSA 3110										
4 HSA 4502										
5 HSC 3624										
6 HSA 4922										
ELECTIVES										
1 HSA 3160										
2 HSA 4192										
3 HSA 3113										

Program: U5030, U5130, U5230, U5330, U5430

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate leadership expertise through the ability to motivate teams and individuals, and to facilitate change within an organization.	Course: MAN 3240 – Organizational Behavior Term Paper - 80% of students will achieve 70% or higher. Course: MAN 4301 – Human Resource Management Final Project on HR practices - 80% of students will achieve 70% or higher. Course: MAN 3303 – Leadership and Management		
	Practices Term Paper - 80% of students will achieve 70% or higher.		
PLO 2: Comprehend the ethical and legal dimensions of an organization and apply ethical standards and social responsibility to all facets of organizational decision making.	Course: MAN 3063 – Ethical Issues in Organizations Final project analysis and presentation on ethical dilemma - 80% of students will achieve 70% or higher.		
	Course: BUL 3310 – Legal Issues in Business Final exam - 80% of students will achieve 70% or higher.		
	Course: PAD 4604 – Regulatory Policy and Administration Law for the Public Sector Final exam - 80% of students will achieve 70% or higher.		
PLO 3: Conduct an analysis of appropriate financial and economic data necessary to support organizational decision making.	Course: ACG 3024 – Accounting for non-financial majors Final exam - 80% of students will achieve 70% or higher.		

	T	T
	Course: FIN 3403 – Financial Management Final exam - 80% of students will achieve 70% or higher.	
	Course: PAD 4204 – Financial Management for the Public Sector Final project - 80% of students will achieve 70% or higher.	
PLO 4: Apply management theories and resource management practices to successfully lead a dynamic organization.	Course: MAN 4301 – Human Resource Management Final Project on HR practices - 80% of students will achieve 70% or higher.	
	Course: MAN 3303 – Leadership and Management Practices Term Paper - 80% of students will achieve 70% or higher.	
	Course: PAD 4414 – Human Resource Management in the Public Sector Final Project on HR practices - 80% of students will achieve 70% or higher.	
PLO 5: Demonstrate the ability to collect data and analyze information in order to formulate analytically sound decisions for the planning and utilization of	Course: MAN 4504 – Operational Decision Making Final exam - 80% of students will achieve 70% or higher.	
resources.	Course: PAD 4393 – Public Safety Systems Integration Final Case Study and presentation- 80% of students will achieve 70% or higher.	
PLO 6: Analyze and apply the strategic decision-making and operational planning process for effectual policy making within an organization.	Course: MAN 4504 – Operational Decision Making Final exam - 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic	
	Management Final Case study - 80% of students will achieve 70% or higher.	

C CED 2012		
Term Paper -		
80% of students will achieve		
70% or higher.		
C		
Course: PAD 4874 – Public		
•		
higher.		
Course: GEB 4891 – Strategic		
Management		
Final Case study - 80% of		
students will achieve 70% or		
8		
Course: MAN 4900 - Capstone		
_		
3		
Management		
Final Case study - 80% of		
students will achieve 70% or		
higher.		
Course: MAN 4162 – Customer		
higher.		
Managerial Marketing		
Final Marketing plan 80% of		
students will achieve 70% or		
Course: GER 4891 – Strategic		
•		
<u> </u>		
higher.		
Course: MAN 4900 – Capstone		
Experience		
	80% of students will achieve 70% or higher. Course: PAD 4874 – Public Sector Community Relations Final Presentation - 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic Management Final Case study - 80% of students will achieve 70% or higher. Course: MAN 4900 – Capstone Experience Final Project- 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic Management Final Case study - 80% of students will achieve 70% or higher. Course: MAN 4162 – Customer Relations Final presentation- 80% of students will achieve 70% or higher. Course: MAR 4802 – Managerial Marketing Final Marketing plan 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic Management Final Case study - 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic Management Final Case study - 80% of students will achieve 70% or higher.	Communications in Business Term Paper - 80% of students will achieve 70% or higher. Course: PAD 4874 – Public Sector Community Relations Final Presentation - 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic Management Final Case study - 80% of students will achieve 70% or higher. Course: MAN 4900 – Capstone Experience Final Project- 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic Management Final Case study - 80% of students will achieve 70% or higher. Course: MAN 4162 – Customer Relations Final presentation- 80% of students will achieve 70% or higher. Course: MAR 4802 – Managerial Marketing Final Marketing plan 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic Management Final Case study - 80% of students will achieve 70% or higher. Course: GEB 4891 – Strategic Management Final Case study - 80% of students will achieve 70% or higher.

	T	Г	T
	Final Project- 80% of students		
	will achieve 70% or higher.		
PLO 2: Apply critical thinking	Course: GEB 4891 – Strategic		
skills to identify business	Management		
problems and recommend	Final Case study - 80% of		
solutions through the	students will achieve 70% or		
understanding of the key	higher.		
functional areas of business.	G MANYALCO G		
	Course: MAN 4162 – Customer		
	Relations		
	Final presentation- 80% of		
	students will achieve 70% or		
	higher.		
	Course: MAR 4802 –		
	Managerial Marketing		
	Final Marketing plan 80% of		
	students will achieve 70% or		
DIO 1. Apolygo original	higher.		
PLO 1: Analyze critical	Course: DSC 3079 –		
incidents and assemble an	Foundations of Public Safety		
effective plan to resolve	Final Case Study- 80% of		
emergency situations.	students will achieve 70% or		
	higher.		
	Course: PAD 4393 – Critical		
	Incident Management		
	Final Case Study and		
	presentation- 80% of students		
	will achieve 70% or higher.		
	will define to 7070 of higher.		
	Course: PAD 3820 – Public		
	Safety Systems		
	Integration		
	Final Case Study and		
	presentation- 80% of students		
	will achieve 70% or higher.		
	G DID 1676 7		
	Course: PAD 4878 Capstone		
	Experience		
	Final Critical Case- 80% of		
	students will achieve 70% or		
	higher.		
PLO 2: Demonstrate written	Course: GEB 3213 –		
and oral presentation skills	Communications in Business		
required of a public safety	Term Paper -		
professional during critical	80% of students will achieve		
incidents.	70% or higher.		
moracius.	, o /o or maner.		
	Course: PAD 4393 – Critical		
	Incident Management		

Final Case Study and presentation- 80% of students will achieve 70% or higher. **Specialization: Business Information Technology** PLO 1: Explain the connection between information technology and other business divisions of a company. PLO 2: Explain the business process used to gather, format, analyze, and disseminate information to support business objectives. PLO 3: Determine how information technology can support managerial decision making and problem solving. PLO 4: Formulate effective business intelligence data models, design system solutions, and integrate them into a sustainable business model. **Specialization: Healthcare** Administration PLO 1: Analyze the nature and causes of major healthcare problems, drawing on a broad informational base of healthcare and health issues. PLO 2: Evaluate the structure of healthcare delivery systems and the related information technology, finance, and risk management issues. PLO 3: Interpret the legal, regulatory, and ethical issues in healthcare administration. PLO 4: Integrate information from multidisciplinary functional areas to critically analyze and strategize solutions to various healthcare issues.

NURSING, BSN

Program: V6100

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

- 1. Demonstrate high moral and ethical standards in professional nursing practice.
- 2. Work collaboratively with diverse health care providers.
- 3. Perform essential skills of a comprehensive health assessment.
- 4. Manage health information using electronic technologies.
- 5. Apply published theories or frameworks to nursing practice.
- 6. Use scholarly evidence to guide nursing practice.
- 7. Implement a culturally competent, health-promoting plan of care for individuals, families, communities.
- 8. Advocate for the nursing profession with regard to health legislation and regulation.
- 9. Exhibit skills in nursing leadership.
- 10. Communicate effectively in varied settings.
- 11. Value lifelong learning.

NURSING, BSN

Program: V6100

Required Technical Courses PLO1 PLO2 PLO3 PHO5 PHO6 PHO7 PHO7 PHO8 PHO9 P											110	grain. Voi	. 0 0
Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical skills of a course within your program. Please enter all required technical courses within your program. Please enter all required technical skills of a course within your program. Please enter all required technical skills of a course within your program. Please enter all required technical skills of a course within your program. Please enter all required technical skills of a course within your program. Please enter all required technical skills of a course within your program. Please enter all required technical skills of a course within your program. Please enter all required technical skills of a course within your program. Please enter all required technical skills of a course who health promoting practice. Please enter all required technical skills of a course who health promoting practice. Please enter all required technical skills of a course who health promoting practice. Please enter all required technical skills of a course who health promoting practice. Please enter all required technical skills of a course who health promoting practice. Please enter all required technical skills of a course who health promoting practice. Please enter all required technical skills of a course practice. Please enter all requ		P	ROGRAN	/I LEARNI	ING OUT	COMES (PLO) - Ba	ichelor o	f Science	in Nursi	ng		
Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical skills of a divisor of the latting professional nursing practice. Please enter all required technical skills of a divisor of the latting professional nursing practice. Please enter all required technical skills of a divisor of the latting professional nursing practice. Please enter all required technical skills of a divisor of the latting professional nursing practice. Please enter all required technical skills of a divisor of the latting professional nursing practice. Please enter all required technical skills of a divisor of the latting professional nursing practice. Please enter all required technical skills of a divisor of the latting professional nursing practice. Please enter all required technical skills of a divisor of the latting professional nursing practice. Please enter all required technicals skills of a divisor of the latting professional nursing practice. Please enter all required technicals skills of a divisor of the latting professional nursing practice. Please enter all required technicals skills of a divisor of the latting professional nursing practice. Please enter all required		Required Technical											
Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Please enter all required technical courses within your program. Perform works within your program. Perform technologie law with editional professional professio			PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
Solution Course Prefix & Number Solution Soluti		Please enter all required technical	Demonstrat e high moral and ethical standards in	Work collaborativ ely with diverse health care	Perform essential skills of a comprehens ive health	Manage health information using electronic	Apply published theories or frameworks to nursing	Use scholarly evidence to guide nursing	Implement a culturally competent, health promoting	Advocate for the nursing profession with regard	Exhibit skills in nursing	Communica te effectively in varied	Value lifelong
2 NUR 3082 X<		COURSE PREFIX & NUMBER	l nursing	providers.	assessment.		practice.	practice.	for individuals, families, communitie	legislation and			
2 NUR 3082 X<													
3 NUR 3125 X<	1	NUR 3056	X		X	X		X	X			X	
4 NUR 3164 X<	2	NUR 3082						X		X	X		X
5 NUR 3245 X<	3	NUR 3125	X		X		X		X			X	
6 NUR 3846 X<	4	NUR 3164	X	X		X	X	X			X	X	
6 NUR 3846 X<	5	NUR 3245			X	X	X	X				X	
7 NUR 4108 X<	6					X	X				X	X	X
8 NUR 4167 X<	7	NUR 4108	X			X				X	X	X	
9 NUR 4635 X X X X X X X X X X X X X X X X X X X	8	NUR 4167				X	X	X			X		X
0	9	NUR 4635	X	X	X	X	X	X	X		X	X	
0	1	NUR 4823											
1 NUR 4828 1 X X X X X X X X X X X X X X X X X X X	0		X	X			X			X	X	X	X
1 MAN 3033	1	NUR 4828											
1 MAN 3033	1		X	X		X	X	X	X		X	X	X
	1	MAN 3033											
							X				X	X	X
ELECTIVES PLO 1 PLO 2 PLO 3 PLO 4 PLO 5 PLO 6 PLO 7 PLO 8 PLO 9 PLO 10 PLO 11		ELECTIVES	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
1 GEB 3213 X X X	1	GEB 3213		X			X					X	
2 HSA 4553 X X X	2	HSA 4553	X							X		X	
		MAN 3240		X			X				X	X	

NURSING, BSN

Program: V6100

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate high moral and ethical standards in professional nursing practice.	 In a reflective paper, 90% of students provide a clear example of moral and ethical conduct. On exit survey, 95% of students strongly agree or agree they demonstrate high moral and ethical standards. On employer survey, 95% of respondents strongly agree or agree that PSC BSN graduates demonstrate high moral and ethical conduct. 		
PLO 2: Work collaboratively with diverse health care providers.	 In a reflective paper, 90% of students provide a clear example of collaborative work with diverse members of the health care team. On exit survey, 95% of students strongly agree or agree they work collaboratively with diverse members of the health care team. On employer survey, 95% of 		
	respondents strongly agree or agree PSC BSN graduates work collaboratively with diverse members of the health care team.		
PLO 3: Perform essential skills of a comprehensive health assessment.	 In a reflective paper, 90% of students provide a clear example of performing a comprehensive health assessment. On exit survey, 95% of 		
	students strongly agree or agree they are able to perform a comprehensive health assessment. 3) On employer survey, 95% of respondents strongly agree		

competent, health promoting

or agree PSC BSN graduates are able to perform a comprehensive health assessment. 4) 85% of students will earn a grade of B or higher on a comprehensive assessment assigned in NUR 3065. PLO 4: Manage health 1) In a reflective paper, 90% of information using electronic students provide a clear technologies. example of effective use of electronic information. 2) On exit survey, 90% of students strongly agree or agree they effectively interpret and use electronic information. 3) On employer survey, 90% of respondents strongly agree or agree PSC BSN graduates effectively interpret and use electronic information. PLO 5: Apply published 1) In a reflective paper, 90% of theories or frameworks to students provide a clear example of applying theory nursing practice. to practice. 2) On exit survey, 90% of students strongly agree or agree they are able to apply theory to practice. 3) On employer survey, 90% of respondents strongly agree or agree PSC BSN graduates are able to apply theory to practice. In a reflective paper, 90% of PLO 6: Use scholarly evidence to guide nursing practice. students provide a clear example of using current evidence in practice. 2) On exit survey, 90% of students strongly agree or agree they use current evidence in practice. 3) On employer survey, 90% of respondents strongly agree or agree PSC BSN graduates use current evidence in practice. PLO 7: Implement a culturally In a reflective paper, 90% of

students provide a clear

1 6 6 1 11 1 1		1 0111	
plan of care for individuals,		example of delivering	
families, communities.		culturally competent care.	
	2)	On exit survey, 90% of	
		students strongly agree or	
		agree they deliver culturally	
		competent care.	
	3)	On employer survey, 90% of	
		respondents strongly agree	
		or agree PSC BSN graduates	
		deliver culturally competent	
		care.	
PLO 8: Advocate for the	1)	In a reflective paper, 90% of	
nursing profession with regard		students provide a clear	
to health legislation and		example professional	
regulation.		advocacy.	
	2)	On exit survey, 90% of	
		students strongly agree or	
		agree they demonstrate	
		professional advocacy.	
	3)	On employer survey, 90% of	
		respondents strongly agree	
		or agree PSC BSN graduates	
		demonstrate professional	
		advocacy.	
PLO 9: Exhibit skills in	1)	In a reflective paper, 90% of	
nursing leadership.		students provide a clear	
		example of leadership skill.	
	2)	On exit survey, 90% of	
		students strongly agree or	
		agree they exhibit leadership skill.	
	3)	On employer survey, 90% of	
		respondents strongly agree	
		or agree PSC BSN exhibit	
		leadership skill.	
PLO 10: Communicate	1)	In a reflective paper, 90% of	
effectively in varied settings.		students provide a clear	
		example of effective	
		communication.	
	2)	On exit survey, 90% of	
		students strongly agree or	
		agree they communicate	
		effectively.	
	3)	On employer survey, 90% of	
		respondents strongly agree	
		or agree PSC BSN graduates	
		communicate effectively.	
PLO 11: Value lifelong	1)	In a reflective paper, 90% of	
learning.		students provide a clear	
		example of valuing lifelong	
		learning.	
		iearning.	

2)	On exit survey, 90% of	
	students strongly agree or	
	agree they value lifelong	
	learning.	
3)	On employer survey, 90% of	
	respondents strongly agree	
	or agree PSC BSN graduates	
	value lifelong learning.	



CRIMINAL JUSTICE, BS

Program: V6200

PROGRAM LEARNING OUTCOMES

Upon successful completion of this program, the student will be able to:

- 1. Demonstrate a comprehensive knowledge of the criminal justice system, juvenile justice system, criminal justice administration, criminal behavior, law, criminal justice issues, and criminology.
- 2. Compare and contrast the basic theories, patterns, typologies, and causes of crime.
- 3. Examine the roles and challenges faced by the police, courts, and corrections.
- 4. Apply criminal justice theories, legal and ethical principles to crime related problems.
- 5. Differentiate between the structures, functions, and interactions of key institutions in the field of criminal justice.
- 6. Implement policing philosophies, including analysis and evaluation of criminal evidence, investigation strategies, and surveillance techniques.
- 7. Evaluate correctional philosophies and analyze the historical and current dilemmas in corrections.
- 8. Outline the concepts of due process of law, criminal procedure, defendant's rights, victim's rights, and constitutional rights.

CRIMINAL JUSTICE, BS

Program: V6200

	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	
	Required Technical Courses								PLO 8
	Please enter all required technical	Demonstrate	Compare and	Examine the	Apply criminal	Differentiate	Implement	Evaluate	Outline the
	courses within your program.	comprehensive	contrast the basis	roles and	justice theories,	between the	policing	correctional	concepts of due
	courses within your program.	knowledge of the	theories,	challenges faced	legal and ethical	structures,	philosophies,	philosophies and	process law, criminal
		criminal justice	patterns,	by the police,	principles to	functions, and	including the	analyze the	
		system, juvenile	typologies, and	courts, and	crime related	interactions of	analysis and evaluation of	historical and current dilemmas	procedure, defendant's
		justice system,	causes of crime.	corrections.	problems.	key institutions in the field of	criminal		
		criminal justice administration,					evidence,	in corrections.	rights, victim's
		criminal				criminal justice.	investigation		rights, and constitutional
		behavior, law,							
		criminal justice					strategies, and surveillance		rights.
		issues, and					techniques.		
	COURSE PREFIX & NUMBER	criminology.					techniques.		
1	CCJ 3024	T	T	T	T		т	т	T
2	CCJ 3024 CCJ 4930	R	1	M	R	R	1	R	I I
3	CJL 3510	I I	R	R	R	I I	T	I	I I
4	CCJ 3621	I T	M	I	K	1	R	1	R
5	CJC 3021 CJC 3011	I T	IVI T	R	R	T	T.	M	I I
6	CCJ 4054	I T	1	K I	R	I T	I T	IVI	1
7	CJL 3010	I	т	I D	R	I T	R	1	M
8	CCJ 4450	I	1	R R	R	R	K	1	R R
9	CJE 4610	I T	R	R	R	R	M	T	R
10	CCJ 4900	M	R	R	M	M	R	R	R
10	ELECTIVES	PLO 1	PLO 2	PLO3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8
1	CCJ 4666	R		R R	R R		R	PLO /	PLU 8
1	CCJ 4000 CCJ 4035		R		K	R	K		
2		R	D	R R	D	R	D	D	D
3	CCJ 4195	R	R		R	R	R	R	R
4	CJC 4166	R	R	R	R	R	R	R	R
5	CJJ 4015	R	R	R	R	R	R	R	R
6	CCJ 4651	R	R	R	R	R	R	R	R
7	CCJ 4641	R	R	R	R	R	R	R	R
8	CJE 4012	R	R	R	R	R	R	R	R
9	CJE 3650	R	R	R	R	R	R	R	R
10	DSC 4012	R	R	R	R	R	R	R	R
11	DSC 4013	R	R	R	R	R	R	R	R
12	DSC 3079	R		R		R			
13	PAD 4393	R		R		R			
14	PAD 3820	R		R		R			
15	PAD 4932	R		R	1	R		1	

I =Introduced

R=Reinforced

M=Mastered

CRIMINAL JUSTICE, BS

Program: V6200

PROGRAM ASSESSMENTS

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Demonstrate a comprehensive knowledge of the criminal justice system, juvenile justice system, criminal justice administration, criminal behavior, law, criminal justice issues, and criminology.	At least 80% of the students will pass the final examination for CCJ 4900 with a 70% or higher.		
PLO 2: Compare and contrast the basic theories, patterns, typologies, and causes of crime.	At least 80% of the students will pass the final examination for CCJ 3621 with a 70% or higher.		
PLO 3: Examine the roles and challenges faced by the police, courts, and corrections.	At least 80% of the students will pass the final examination for CCJ 4930 with a 70% or higher.		
PLO 4: Apply criminal justice theories, legal and ethical principles to crime related problems.	At least 80% of the students will pass CCJ 4900 with a 70% or higher.		
PLO 5: Differentiate between the structures, functions, and interactions of key institutions in the field of criminal justice.	At least 80% of the students will pass CCJ 4900 with a 70% or higher.		
PLO 6: Implement policing philosophies, including the analysis and evaluation of criminal evidence, investigation strategies, and surveillance techniques.	At least 80% of the students will pass the final examination for CJE 4610 with a 70% or higher.		
PLO 7: Evaluate correctional philosophies and analyze the historical and current dilemmas in corrections.	At least 80% of the students will pass the final examination for CJC 3011 with a 70% or higher.		
PLO 8: Outline the concepts of due process of law, criminal procedure, defendant's rights, victim's rights, and constitutional rights.	At least 80% of the students will pass the final examination for CJL 3010 with a 70% or higher.		



Programs: S-6200, S-6210

PROGRAM LEARNING OUTCOMES

After successful completion of this program, graduates will be able to:

Core Requirements for all Programs

- 1. Integrate professionalism in all aspects of their involvement in the aerospace environment.
- 2. Demonstrate effective communications in written, digital, and oral forms.
- 3. Employ critical thinking skills in their professional and academic activities.
- 4. Evaluate and implement safety management system concepts in all aspects of the aerospace environment.
- 5. Formulate and execute a safety plan of action in the workplace.
- 6. Facilitate team process skills in their work with others.
- 7. Integrate and apply pertinent national and international rules, regulations, and guidance to the aerospace industry.

Program Specialization: Professional Pilot Concentration

- 1. Integrate basic and advanced concepts of aircraft operations to manage risk.
- 2. Perform and evaluate the fundamentals of flight instruction.
- 3. Operate aircraft systems in various categories of transport aircraft.
- 4. Compare traditional and modern avionics systems and procedures.

Program Specialization: Aerospace Administration Concentration

- 1. Perform and evaluate ethical and responsible business practices.
- 2. Employ critical thinking and decision making skills in relation to business operations and managerial issues.
- 3. Conduct aerospace industry analysis, needs assessment, and solve common problems in aerospace administration.

Programs: S-6200, S-6210

	PROGRAM LEARNING OUTCOMES (PLO) – Aerospace Sciences							
	Required Technical Courses	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
	technical courses within your program. COURSE PREFIX &	Integrate professionalism into all aspects of their involvement in the aerospace environment.	Demonstrate effective communications in written, digital, and oral forms.	Employ critical thinking skills in their professional and academic activities.	Evaluate and implement safety management system concepts in all aspects of the aerospace environment.	Formulate and execute a safety plan of action in the workplace.	Facilitate team process skills in their work with others.	Integrate and apply pertinent national and international rules, regulations, and guidance to the aerospace industry.
1	NUMBER ASC 3321	A	X	X				A
2	AVM 3011	X	X	71		X	X	X
3	ASC 3474	X	X	A	X	X	X	X
4	ASC 3690		X	X			X	X
5	AVM 3030		A				A	X
6	AVM 3671		X		A	A		X
7	GEB 3213		X				X	

Programs: S-6200, S-6210

	PROGRAM LEARNING OUTCOMES (PLO) – Aerospace Sciences						
	Required Technical Courses	Profe	Professional Pilot Concentration				
	Please enter all required technical courses within your program.	PLO 1	PLO 2	PLO 3	PLO 1	PLO	
		Integrate basic and advanced concepts of aircraft operations to manage risk.	Operate aircraft systems in various categories of transport aircraft.	Compare traditional and modern avionics systems and procedures.	Perform and evaluate ethical and responsible business practices.	Employ criti thinking and decision mal skills in rela business ope and manager	
	COURSE PREFIX & NUMBER					issues.	
	Professional Pilot						
	Concentration	PLO 1	PLO 2	PLO 3			
1	ASC 4460	A	X				
2	ASC 4671		A	X			
3	ASC 4551	X	X				
4	ASC 4630	X	X				
5	ASC 4900	X	X	X			
	Aerospace Administration Concentration				PLO 1	PLO	
1	AVM 4411				X	X	
2	AVM 4516				X	A	
3	AVM 4460				X	X	
4	AVM 4150				A	X	

^{*}Assessed in ASC 3690.



PROGRAM ASSESSMENTS

Program: S-6200, S-6210

Student Outcome	Benchmark and Assessment Method(s)	Evidence/Results	Use of Results for Enhancement (Recommendations/ Follow-up)
PLO 1: Integrate professionalism in all aspects of their involvement in the aerospace environment.	80% of students in ASC 3321 will receive a passing score of 70% or higher on an oral class presentation based on an ethical or legal aviation case study as assigned by the professor.		
PLO 2: Demonstrate effective communications in written, digital, and oral forms.	Assessment Measure 1: 80% of students in AVM 3030 will receive a passing score of 70% or higher on an oral presentation (with a digital presentation component) on a topic assigned by the professor.		
	Assessment Measure 2: 80% of students in AVM 3030 will receive a passing score of 70% or higher on a written paper on a topic assigned by the professor.		
PLO 3: Employ critical thinking skills in their professional and academic activities.	80% of students in ASC 3474 will receive a passing score of 70% or higher on an oral class presentation based on an aviation accident case analysis as assigned by the professor.		
PLO 4: Evaluate and implement safety management system concepts in all aspects of the aerospace environment.	80% of students in AVM 3671 will receive a passing score of 70% or higher on a group project to develop components of a Safety Management System in various operational contexts.		
PLO 5: Formulate and execute a safety plan of action in the workplace.	80% of students in AVM 3671 will receive a passing score of 70% or higher on a group project to review and		

	revise aviation safety and		
	operations products.		
PLO 6: Facilitate team	80% of students in AVM		
process skills in their	3030 will receive a passing		
work with others.	score of 70% or higher on a		
	group presentation on a		
	topic assigned by the		
	professor.		
PLO 7: Integrate, and	80% of students in ASC		
apply pertinent national	3321 will receive a passing		
and international rules,	score of 70% or higher on a		
regulations, and	case study review of an		
guidance to the	aviation legal issue or case		
aerospace industry.	study as assigned by the		
	professor.		
Specialization: Profe	ssional Pilot Concentration		
PLO 1: Integrate basic	80% of students in ASC		
and advanced concepts	4460 will receive a passing		
of aircraft operations to	score of 70% or higher on a		
manage risk.	CRM process flow		
	assignment.		
PLO 2: Operate aircraft	80% of students in ASC		
systems in various	4671 will receive a passing		
categories of transport	score of 70% or higher on a		
aircraft.	cumulative final		
	examination that tests		
	operational knowledge of		
	transport category aircraft		
	systems.		
PLO 3: Compare	80% of students in ASC		
traditional and modern	3690 will receive a passing		
avionics systems and	score of 70% or higher on a		
procedures.	written SWOT analysis on		
1	traditional and modern		
	avionics systems.		
Specialization: Aeros	space Administration Concen	tration	
PLO 1: Perform and	80% of students in AVM		
evaluate ethical and	4150 will receive a passing		
responsible business	score of 70% or higher on a		
practices.	scenario-based examination		
	in which they must solve		
	various ethical and practical		
	business issues.		
PLO 2: Employ critical	80% of students in AVM		
thinking and decision	4516 will receive a passing		
making skills in relation	score of 70% or higher on a		
to business operations	project where they create a		
and managerial issues.	business plan for an		
5	aviation organization.		
PLO 3: Conduct	80% of students in AVM		
aerospace industry	4411 will receive a passing		
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analysis, needs	score of 70% or higher on a	
assessment, and solve	project where they perform	
common problems in	an industry analysis, needs	
aerospace	assessment, and gap	
administration.	analysis on an aviation	
	organization.	