INSTITUTIONAL LEARNING COMPETENCIES

PROGRAM MAP

ASSESSMENT COMMITTEE

Spring 2022

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#### Associate in Arts in Business

Course	ILC 1 Communication	ILC 2 Critical	ILC 3 Engagement	ILC 4 Ethical	ILC 5 Global
		Thinking		Responsibility	Awareness
ACCO		R			
201		_			
ACCO		R			
202					
ART	I				
110					
BUSI				M	
207					
BUSI			M		
200					
ECON		R			
201					
ECON		М			
202		-			
EDUC					
120			I		
ENGL	M		-		
103	•••				
ENST					R
112					
GEOG					I
110					1
HUMA					м
210					11
MATH		I			
150		1			
PSYC				R	
101				n n	
SPEE	R				
102					
SOCI			R		
201			r.		
201	PLO 3		PLO 2	PLO 1	
		PLO 5			PLO 4
	Develop solutions	Explain	Demonstrate	Apply ethical	Discuss the effects of
	to business	effective	professional	frameworks to	
	problems, using	business	demeanor.	business	culture and
	appropriate	decisions		situations.	ethics in
	language and	and			current
	tools.	solutions.			global and
					domestic
					business
					environment.

# Associate in Arts in Communications

Cours	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
e	Communicatio	Critical	Engagement	Ethical	Global
	n	Thinking	5 5	Responsibility	Awareness
COMM		R			
110					
COMM		М			
115					
EDUC			I		
120					
ENGL	R				
103					
ENGL	Μ				
104					
ENGL			М		
261					
ENST					R
112					
GEOG					I
110					
HUMA					М
210					
MATH		I			
128					
PSYC				м	
101					
SOCI			R		
201	<b>.</b>				
SPEE	I				
102					
SPEE	R				
104	PLO 2	PLO 4	PLO 5	PLO 1	PLO 3
	Create	Explain	Take part in	Choose	Evaluate local,
	messages	communicatio	communicatio	ethical	national,
	•	n theories,	n inquiry	communicatio	and/or global
	appropriate to diverse	perspectives,	through	n principles	issues from a
	audiences,	principles,	curricular and	and practices	communication
	purposes, and	and concepts	co-curricular	when making	s perspective
	contexts.	when thinking	experiences.	decisions for	in order to
	CONCERCIÓN	critically		oneself as	influence
		about		well as the	public
		rhetorical		community.	discourse and
		situations.			embrace
					difference.

# Associate in Arts in Creative Writing

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical Thinking	Engagement	Ethical Responsibility	Global Awareness
EDUC			I		
120					
ENGL	R				
103					
ENGL	Μ				
104					
ENGL		M			
261					
ENGL			М		
263 ENGL			R		
265			ĸ		
ENST					R
112					IX IX
GEOG					I
110					-
HUMA					М
210					
MATH		I			
128					
PSYC				М	
101					
SOCI			R		
201 SPEE	I				
102	1				
SPEE	R				
104					
	PLO 2	PLO 3	PLO 5	PLO 1	PLO 4
	Compare verbal	Deduce	Verify interest,	Assess the	Differentiate
	and non-verbal	the core	curiosity, and	impact of	between
	ideas and	elements	passion for	creative writing	creative
	information used	of the	fiction,	voice and ideas	literature
	in the discussion	writer's	nonfiction, and	among the	dealing with
	of creative	craft in	poetry genres.	creative writing	cultural and
	literature.	fiction,		genres	global
		creative			issues.
		nonfiction, and			
		poetry			
		when they			
		presented			
		with a			
		variety of			
		literature.			

Course	ILC 1 Communication	ILC 2 Critical	ILC 3 Engagement	ILC 4 Ethical	ILC 5 Global
		Thinking		Responsibility	Awareness
BISC		I			
111					
EDUC			R		
101					
EDUC			I		
120					
EDUC					м
220					
EDUC			м		
260					
EDUC		М			
217					
EDUC				Μ	
222				•••	
EDUC			R		
215					
PSYC		R			
296		ĸ			
ENGL	R				
103	ĸ				
ENGL	M				
104	IMI				
ENGL					R
					ĸ
251 HIST		R			
		ĸ			
201		D			
HIST		R			
230 MATH		I			
128		1			
MATH		R			
153		ĸ			
MATH		D			
		R			
154					+
POSC			R		
201					+
PSYC				R	
101 SCIE					+
		R			
190	т				+
SPEE	I				
102					
	PLO 4	PLO 2	PLO 5	PLO 3	PLO 1
	Generate effective	Design	Value collaborative	Design	Compare and
	communication	learning	work	learning	contrast
		opportunities		opportunities	
	both oral and	based on	environments	based on	global

# Associate in Arts in Elementary Education

written used in educational settings.	core teaching practices in lower elementary	identified in education as a (PLC) Professional Learning	ethical anti- bias practices.	educational practices.
	settings.	Community.		

# Associate in Arts in English Literature

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
ART	I				
110					
EDUC			I		
120					
ENGL	R				
103					
ENGL	M				
104					
ENGL		м			
232			_		
ENGL			R		
235					
ENGL			Μ		
261		-			
ENGL				м	
282		+			
ENST					R
112					I
GEOG					1
110 HUMA					м
210					IMI
MATH		I			
128		L I			
PSYC				R	
101					
SOCI		+	R		
201					
SPEE	I				
102	-				
SPEE	R				
104					
_	PLO 5	PLO 2	PLO 4	PLO 1	PLO 3
	Write with an	Choose	Integrate own	Compose	Explain the
	awareness of	critical and	attention,	writings that	diverse
	audience,	theoretical	curiosity,	exhibit the	social,
	purpose, form,	approaches	interest,	ability to	cultural,
	and other	during the	optimism, and	ethically	and
	rhetorical	reading	passion for	gather,	historical
	concepts.	and	literature into	understand,	contexts in
		analysis of	classroom and	evaluate, and	which
		literary	non-	synthesize	literary
		and	classroom	information	texts are
		cultural	experiences.	from sources.	produced,
		texts in			read, and
					analyzed.

multiple		
genres.		

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
Course	Communication	Critical	Engagement	Ethical	Global
	Communication	Thinking	Lingagement	Responsibility	Awareness
ACCO		R		Responsibility	Awareness
201		ĸ			
	т				
ART 110	Ι		_		
BUSI 200			R		
BUSI 210			R		
BUSI 220			М		
BUSI 240	R				
ECON		M			
202					
EDUC			I		
120					
ENGL	R				
103					
ENST 112					R
GEOG					I
110					
HUMA					Μ
210					
MATH		I			
150					
PSYC 101				М	
SPEE 104	М				
	PLO 3	PLO 5	PLO 2	PLO 1	PLO 4
	Develop	Explain	Demonstrate	Apply ethical	Discuss the
	solutions to	effective	professional	frameworks to	effects of
	business	business	demeanor.	business	culture and
	problems, using	decisions		situations.	ethics in
	appropriate	and or			current global
	language and	solutions.			and domestic
	tools.				business
					environments.
-	I	L	1	L	

# Associate in Arts in Entrepreneurship

# Associate in Arts in General Studies

Course	TIC 1	TLC 2	ILC 3	ILC 4	ILC 5
Course	ILC 1 Communication	ILC 2 Critical		Ethical	Global
	Communication	Thinking	Engagement	Responsibility	
ADT 110	I	пппкппу		Responsibility	Awareness
ART 110	M				
ENGL	M				
103					
or					
ENGL					
104					
or					
SPEE 102					
Or					
SPEE 104					
EDUC			I		
120					
ENST					R
112					
GEOG					I
110					
HUMA					М
210					
MATH		М			
127					
or					
MATH					
128					
or					
MATH					
150					
PSYC				М	
101					
SOCI			М		
201					
	PLO 3	PLO 4	PLO 1	PLO 5	PLO 2
	Effectively	Evaluate	Develop the	Value ethical	Develop
	organize ideas	information	ability to	and respectful	respect for
	through	and its	productively	behavior when	human
	listening,	sources	participate in	working with	diversity and
	speaking,	critically.	group	campus	awareness of
	reading, and	,	situations.	community	own
	writing in			and the '	assumptions,
	interpersonal			general	stereotypes
	and professional			community.	and biases
	settings.			- /	when
					confronting
					differences.

Note: Major-specific Required Courses Completion of enough other courses until 60 or more course total credits are accumulated. Coursework can be from any filed.

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
Course	Communication	Critical	Engagement	Ethical	Global
	Communication	Thinking	Engagement	Responsibility	Awareness
ART 100		linning		Responsibility	I
ART 101					R
ART 101				I	
ART 102	I			1	
or	<b>_</b>				
ART 225					
ART 203					R
ART 204					R
ART 213		R			
ART 219	R				
ART 210					М
ART 220		м			1.1
ART 265		1*1		м	
EDUC			I	P1	
120			1		
ENGL	R				
103					
ENGL	м				
104					
ENST					R
112					
GEOG					I
110					1
HUMA			R		
202					
MATH		I			
128		-			
PSYC				R	
101					
SOCI			M		
201					
	PLO 3	PLO 2	PLO 4	PLO 1	PLO 5
	Compile a	Build	Develop	Analyze visual	Establish an
	specific	iterative	habits	communication	informed
	repertoire of	systems	conducive to	designs for	relationship
	dialogue and	for visual	building a	sensitivity	between visual
	terminology for	problem	creative and	towards	communication
	informed	solving.	active	specific and	and its specific
	interaction with		learning	global	audience using
			-	-	
	industry		community.	audiences.	contemporary
	professionals.				systems and
					client-driven,
					design-based
					practices.
	<u> </u>	L	1		P1000000

# Associate in Arts in Graphic Design

## Associate in Arts in Health Services

Cours	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
e	Communication	Critical Thinking	Engageme	Ethical Responsibility	Global Awareness
BIOL		R			
214 BIOL		M			
215		•••			
CHEM				I	
101 EDUC			I		
120			I		
EDUC			R		
215 ENGL	I				
103	-				
ENGL	М				
104 HEED					I
101					1
HEED				R	
163 HUMA					R
210					
MATH		I			
127 PHIL				M	
210					
PSYC				I	
101 SOCI			м		
201					
SOCI 240					М
SPEE	R				
104					
	PLO 2 Demonstrate strong communication skills that are fundamental in the field of Health Servic es.	PLO 3 Demonstra te the ability to think critically in the Health Services field.	PLO 1 Apply Health Services theories to real life situations.	PLO 5 Demonstrate an understanding of Health Services eth ical standards and theories of practice and apply knowledge and skills gained in the classroom in a professional setting or in obtaining an advanced degree.	PLO 4 Demonstrat e the ability to work and communica te with others in a culturally competent manner.

#### Associate in Arts in Music

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
Course	Communication	Critical	Engagement	Ethical	Global
	Communication	Thinking	Lingagement	Responsibility	Awareness
EDUC		THINKING	I	Responsibility	Awareness
120			1		
EDUC			R		
215					
ENGL	R				
103					
ENGL	м				
104					
ENST					
112					
GEOG					I
110					1
HUMA					R
204					
MATH		R			
128					
MUSI			R		
101					
MUSI			м		
102			1*1		
MUSI		R			
201					
MUSI		М			
202		••			
MUSI				м	
203				••	
MUSI					м
204					••
PSYC				R	
101					
	PLO 3	PLO 5	PLO 1	PLO 2	PLO 4
	Engage in	Theorize	Build	Develop an	Expand
	constructive	critically and	proficiency	understanding	habits of
	critical dialogue	gain	within a	of	mind
	around their	proficiency	rehearsal	the context of	conducive
	performances	utilizing	environment,	the works	to building
	and the works	divergent	sharing	presented by	a creative
	of their peers,	thinking	responsibility	identifying	& active
	synthesizing	strategies	for the	and	learning
	personal	allowing for	success of	interpreting	community
	exploration with	deeper	the course in	the	by
	contemporary	understanding,	the service of	conditions—	promoting
	research	reflection or	creating	cultural,	curiosity,
	models and	metacognition	expansive	technological,	flexibility,
	practices.	of concepts.	and	and	and
			enhanced	historical—	openness
			spaces for	expressed	to new

a	and/	formance and	es
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# Associate in Arts in Psychology

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
course	Communication	Critical	Engagement	Ethical	Global
		Thinking	55	Responsibility	Awareness
ART	Ι				
110					
BIOL		R			
110					
EDUC			I		
120					
ENGL	R				
103					
ENST					R
112					
MATH		I			
150					
PHED				I	
103					
PHIL				R	
210					
PSYC				R	
101					
PSYC	Μ				
102					
PSYC				М	
180					
EDUC			R		
215					
PSYC				R	
260					
PSYC		м			
296					
SOCI			R		
201					
SOCI			M		
203					
SOCI					м
240					
SOWK					I
100					<u> </u>
SOWK					R
120					
SOWK		R			
200					
SPEE	R				
102					
	PLO 1	PLO 5	PLO 2	PLO 3 Establish	PLO 4
	Assimilate key	Solve real	Determine	Establish	Integrate
	factors	world	applications	values that	sociocultural
	associated with	challenges	of	espouse the	factors,

effective communication in order to interact successfully with others.	utilizing innovative and integrative thinking and problem solving.	psychological content and skills to real world situations through focused attention, curiosity, and	application of ethical values set forth by the American Psychological Institute, while building community at local, national,	including societies, issues, trends, and systems into psychological, scientific inquiry.
		interest gleaned from their classes, as well as through out –	and global levels.	
		of – class experiences.		

# Associate in Arts in Social Science

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
ART	I				
110					
BISC		R			
111					
ECON		R			
201					
ECON		R			
202					
EDUC			I		
120					
ENGL	R				
103					
ENGL	M				
104					
ENST					I
112					
HIST		I			
101					
HIST		м			
202					
HUMA					R
210					
MATH		I			
150					
PHED				I	
103					
PHIL				м	
201					
POSC			R		
201					
PSYC				R	
101					
SOCI			R		
201					
SOCI			м		
203 SOCI					
					м
240 SPEE	R				
102	ĸ				
or SPEE					
104					
104	PLO 3	PLO 1	PLO 5	PLO 4	PLO 2
	Develop skills to	Analyze	Value	Examine the	Develop a
	communicate	concepts	community	ethical	sense of
	clearly and	and	development	implications of	social
		anu	development		300101

effectively, in both writing and speaking, in academic and professional careers.	theories in real world situations.	and engagement.	social science inquiry.	responsibility to apply knowledge and experience to foster appreciation for the diverse social world
				social world
				in which we live.

# Associate in Arts in Visual Arts

Course	ILC 1 Communication	ILC 2 Critical Thinking	ILC 3 Engagement	ILC 4 Ethical Responsibility	ILC 5 Global Awareness
ART	I				7 and cheese
100	_				
ART		R			
101					
ART			R		
102					
ART		R			
120					
ART				M	
203					
ART		M			
204					
EDUC			I		
120					
ENGL	M				
103					
ENST					R
112					
GEOG					I
110					
HUMA					М
204					
MATH		I			
128					
PSYC				R	
101					
SOCI			М		
201					
SPEE	R				
104					
	PLO 3	PLO 5	PLO 1	PLO 2	PLO 4
	Engage in	Theorize	Actively build	Develop an	Expand
	constructive	critically and	proficiency	understanding	habits of
	critical dialogue	gain	within a	of the context of	mind conducive
	around their	proficiency	studio	the context of the works	
	projects and the works of their	utilizing	environment,		to building a creative
		divergent thinking	sharing responsibility	presented by identifying and	& active
	peers, synthesizing	strategies	for the	interpreting	learning
	personal	allowing for	success of	the	community
	exploration with	deeper	the course in	conditions—	by
	contemporary	understanding,	the service of	cultural,	promoting
	research models	reflection or	creating	technological,	curiosity,
	and practices.	metacognition	expansive	and	flexibility,
		of concepts.	and	historical—	and
		,	enhanced	expressed	openness
			spaces for	through	to new

			persistence and engagement.	diverse artistic practices.	information systems and approaches to learning.
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# Associate in Science in Biology and Medical Pre-Professional

Course		11 C D			ТСГ
Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
Art	Ι				
110					
BIOL		Ι			
101					
BIOL		М			R
102					
CHEM				I	
101					
CHEM				R	
102					
CHEM				R	
201					
CHEM				М	
202					
EDUC			Ι		
120					
_					
ENGL	R				
103	R.				
ENGL	м				
104	1*1				
MATH		R			
130		IX IX			
PHIL					М
201					Ivi
PHYS			R		I
101			ĸ		T
PHYS			м		I
102			IM		L
				D	
PSYC				R	
101 5000					
SOCI			R		
201					
	PLO 4	PLO 3	PLO 5	PLO 1	PLO 2
	Illustrate	Develop a	Take part in	Analyze the	Assess the
	effective	fundamental	active	context of	interdependence
	communication	understanding	learning	problems and	of systems.
	methods	of key	activities	the	
	including oral,	concepts in	both in and	ramifications	
	written,	math and	out of the	of various	
	scientific, and	science.	classroom.	courses of	
	mathematical.			action.	

Course		ILC 2	ILC 3	IIC 4	TLC F
Course	ILC 1	ILC 2		ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
ADT	т	Thinking		Responsibility	Awareness
ART	I				
110		Ŧ			
BIOL		I			
101					
BIOL		Μ			
102				-	
CHEM				Ι	
101					
CHEM				R	
102					
CHEM				R	
201					
CHEM				М	
202					
EDUC			I		
120					
ENGL	R				
103					
ENGL	М				
104					
ENST					Μ
112					
GEOG					Ι
110					
MATH		R			
130					
PHIL					R
201				<b></b>	
PSYC				R	
101					
SOCI			Μ		
201					
	PLO 4	PLO 3	PLO 5	PLO 1	PLO 2
	Illustrate	Develop a	Take part in	Analyze the	Assess the
	effective	fundamental	active	context of	interdependence
	communication	understanding	learning	problems and	of systems.
	methods	of key	activities	the	
	including oral,	concepts in	both in and	ramifications	
	written,	math and	out of the	of various	
	scientific, and mathematical.	science.	classroom.	courses of	
	mathematical.			action.	

# Associate in Science in Environmental Sciences

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
course	Communication	Critical	Engagement	Ethical	Global
	communication	Thinking	Engagement	Responsibility	Awareness
ART	I	Thinking			7.000101000
110	-				
BIOL		I			
101		-			
BIOL		м			R
102					
CHEM				I	
101					
EDUC			Ι		
120					
ENGL	R				
103					
ENGL	Μ				
104					
HUMA					М
210					
MATH		R			
130					
PSYC				м	
101					
SOCI			Μ		
201	P				
SPEE	R				
102 or SPEE					
104					
104	PLO 3	PLO 1	PLO 2	PLO 4	PLO 5
	Develop effective	Determine	Develop the	Recognize	Value other
	communication	a problem	ability to	ethical	cultures and
	strategies, in	to be	effectively	principles and	global
	both writing and	solved and	participate in	their	societies.
	speaking, in	information	group	application in	
	interpersonal and	needed to	situations.	personal and	
	professional	solve the	_	professional	
	setting.	problem.		life.	

Note: Major-specific Required Courses

Completion of enough other courses until 60 or more course total credits are accumulated. Coursework can be from any field.

Associate in Scienc	e in Science Engineerin	g, and Math Professional
Associate in Scienc	e in Science, Liigineerin	y, and math Frolessional

	11.0.1	11 0 0	1.0.2	1104	ПОГ
Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
1.D.T.	-	Thinking		Responsibility	Awareness
ART	I				
110				-	
CHEM				I	
101					
CHEM				R	
102					
EDUC			I		
120					
ENGL	R				
103					
MATH		Ι			
130					
MATH		R			
141					
MATH		R			
142					
MATH		R			
201					
MATH		Μ			
205					
PHIL					Μ
201					
PHYS			R		I
201					
PHYS			М		I
202					
POSC			R		
201					
SOCI			R	М	
201					
SPEE	М				
104					
	PLO 4	PLO 3	PLO 5	PLO 2	PLO 1
	Illustrate	Develop a	Take part in	Analyze the	Assess the
	effective	fundamental	active	context of	interdependence
	communication	understanding	learning	problems and	of systems.
	methods	of key	activities in	the	
	including oral,	concepts in	both in and	ramifications	
	written,	math and	out of the	of various	
	scientific, and	science.	classroom.	courses of	
	mathematical.			action.	

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
ACCO		I			
201					
ACCO		R			
202 ACCO		R			
204		R			
ACCO		R			
211		n n			
ACCO		м			М
212					1.1
BUSI			R		
200					
BUSI			м		
201					
BUSI				м	
207					
BUSI	R				
214					
BUSI	R				
240					
ECON		R			
201					
ECON		R			
202					
EDUC			I		
120					
ENGL	R				
103					
ENGL 104	м				
ISYS		I			
110		1			
ISYS		I			
181					
MATH		I			
150					
SPEE	I				
102					
	PLO 5	PLO 1	PLO 4	PLO 2	PLO 3
	Verify effective	Analyze	Value	Discuss ethical	Interpret
	communication	both	collaborative	and non-ethical	global
	methods in both	financial	work	behavior in the	business
	oral and written	and	environment.	business	and
	English used in	managerial		environment.	accounting
	accounting and	accounting			implications.
	business.	theories,			

# Associate in Applied Science in Accounting

practices and laws that	
govern	
govern accounting.	

# Associate in Applied Science in Agricultural Business (This degree is a shared program with Michigan State University and is currently under review)

Course	ILC 1 Communication	ILC 2 Critical	ILC 3 Engagement	ILC 4 Ethical	ILC 5 Global
		Thinking		Responsibility	Awareness
ACCO 201		R			
BIOL		R			
118					
BUSI 201			R		
BUSI	-			M	
207				• •	
BUSI		м			
212					
BUSI			м		М
220					
CHEM				I	
100					
BUSI			R		
200					
ECON		R			
202			_		
EDUC			I		
120					
ENGL 103	R				
ENGL	M				
104					
104					
ISYS		I			
110					
MATH		I			
150					
SPEE	I				
102					
	PLO 3	PLO 2	PLO 5	PLO 4	PLO 1
	Compose effective written, verbal, and	Assess the needs of	Expand their agricultural knowledge	Distinguish their ethical position and	Analyze agricultural marketing and business
	electronic communications for agricultural settings.	farming business systems	using their base knowledge gained in this program.	priorities to the challenges facing the agricultural industry.	systems from global to local perspectives.

Note:

Upon completion of this degree, students will earn either a Certificate in Agricultural Operations or a Certificate in Fruit and Vegetable Crop Management from Michigan State University (MSU) in addition to the A.A.S. degree from Southwestern Michigan College.

The MSU Certificate requires students to complete 30 or 34 credits.

# Associate in Applied Science in Agricultural Technology (This degree is a shared program with Michigan State University and is currently under review)

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical Thinking	Engagement	Ethical Responsibility	Global Awareness
BIOL 118		R			
BUSI			м		
200				-	
CHEM 100				I	
CHEM				I	
101 ECON		R			
201		ĸ			
ECON 202		M			Μ
EDUC 120			I		
ENGL 103	R				
ENGL 104	М				
HIST 101		R			
ISYS 110		I			
MATH 127		I			
POSC 201			R	М	
SPEE 104	R				
	PLO 2 Compose effective written, verbal, and electronic communications for agricultural settings.	PLO 3 Diagnose various crop related issues in production agriculture systems.	PLO 5 Expand their agricultural knowledge using their base training gained in this program.	PLO 4 Discern and articulate their ethical responsibilities to the challenges in production agriculture systems.	PLO 1 Analyze agricultural systems from global to local perspectives as they relate to the needs, supplies and markets of the crop production setting.

Note:

Upon completion of this degree, students will earn either a Certificate in Agricultural Operations or a Certificate in Fruit and Vegetable Crop Management from Michigan State University (MSU) in addition to the A.A.S. degree from Southwestern Michigan College.

The MSU Certificate requires students to complete 30 or 34 credits.

Associate in Applied Science in Automotive Technology

Cours			11 C 2		TICE
Cours	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
е	Communicatio	Critical	Engageme	Ethical	Global
	n	Thinking	nt	Responsibility	Awareness
AUTO			R		
103					
AUTO			R		
116					
AUTO		I			
119					
AUTO					I
122					
AUTO					Ι
131					
AUTO				Ι	
147				-	
AUTO				R	
148					
AUTO				Μ	
216				1*1	
		т			
AUTO		I			
222					
AUTO			м		
223					
AUTO		R			
227					
AUTO		R			
228					
AUTO		М			
229					
AUTO					R
232					
AUTO					R
234					
AUTO					Μ
246					
BUSI	R				
240	-				
EDUC	1		I		
120					
ENGL	м			1	
103	•*•				
MATH				I	
101				1	
MATH				R	
				ĸ	
102					
SPEE	I				
102					
SPEE	R				
104					
	PLO 4	PLO 1	PLO 5	PLO 2	PLO 3

Select appropriate and professional communicatio n techniques.	Assess the condition of a vehicle and its systems and choose the appropriate repair or maintenanc e methodolog y.	Work and assimilate as a contributin g member of a task- oriented team.	Determine safe working conditions and establish a safe working environmen t.	produce results consistent wit h the Automotive Service Excellence (ASE) industry standards and practices.
---	--	--	--	--

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
1000		Thinking		Responsibility	Awareness
ACCO		R			
201		D			
ACCO		R			
202					
BUSI			R		
200			D D		
BUSI			R		
201					
BUSI				Μ	
207					
BUSI			R		
210					
BUSI	M				
214					
BUSI			М		
220					
BUSI		м			
225					
BUSI	R				
240					
ECON		R			
201		_			
ECON		R			
202					
EDUC			I		
120					
ENGL	R				
103					
ENST					R
112					
HUMA					м
210		-			
ISYS		I			
110		-			
MATH		I			
150	-				
SPEE	I				
102					
	PLO 3	PLO 5	PLO 2	PLO 1	PLO 4
	Develop solutions to business	Explain effective	Demonstrate	Apply ethical frameworks to	Discuss the
			professional demeanor.		effects of
	problems, using	business decisions	uemeanor.	business situations.	culture and ethics in
	appropriate language and	and or			current global
	tools.	solutions.			and domestic
	10015.	solutions.			business
					environments.
	1		L	1	environments.

# Associate in Applied Science in Business

## Associate in Applied Science in Construction Trades Green Technology

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
BUSI			R		
200					
BUSI	R				
240					
CADD				I	
101					
CONS			I		
114					
CONS		I			
115					
CONS		R			
117					
CONS			R		
131					
CONS				R	
132					
CONS	I				
140	_				
CONS	R				
145					
CONS					М
150					
CONS		R			
161					
CONS			R	М	
165					
CONS		М			R
169					
CONS			М		
180					
EDUC			I		
120			_		
ENGL	м				
103					
ISYS		I			
110		-			
MATH				R	
102					
SPEE	I				
102	_				
	PLO 1	PLO 3	PLO 5	PLO 2	PLO 4
	Assess the	Determine	Explain the	Decide what	Evaluate
	communication	the logical	importance of	constitutes	the impact
	practices	progression	attention to	ethical	global
	necessary for a	of a project	detail in	business	products
	positive safety	from building	building	behavior.	and trade
					have on

	culture in the workplace.	plans and specifications.	energy evaluations.		green residential buildings.
--	---------------------------	---------------------------	------------------------	--	------------------------------------

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
course	Communication	Critical	Engagement	Ethical	Global
	Communication	Thinking	Lingagement	Responsibility	Awareness
BIOL		R			
110					
BUSI			R		
200					
BUSI				R	
207					
CRIM				I	
102				_	
CRIM					R
110					
CRIM		м			
111					
CRIM				М	
113					
EDUC			I		
120			-		
ENGL	R			1	
103					
ENGL	М				
104					
ENST					I
112					_
HUMA					R
210					
MATH		I			
127					
MATH		I			
128					
MATH		I			
150					
POSC					
201					
PSYC				R	
101					
SOCI			М		
201					
SOCI					M
240					
SPEE	I				
102					
	PLO 3	PLO 1	PLO 2	PLO 5	PLO 4
	Develop effective	Analyze the	Assemble	Value the	Evaluate
	written and	components	knowledge	ethics and	the history
	verbal	of the	gained from	moral abilities	of the
	capabilities in a	criminal	participating	of criminal	American
	variety of	justice	in curricular	justice	criminal
		system;	and co-	professionals.	justice

## Associate in Applied Science in Criminal Justice

situations in the	police,	curricular	system and
field.	courts, and	activities to	how many
	corrections,	enhance one's	aspects of it
	as well as	education and	originated
	the juvenile	student	in England.
	justice	experience.	
	system		

Course	ILC 1 Communication	ILC 2 Critical	ILC 3	ILC 4 Ethical	ILC 5 Global
	Communication	Thinking	Engagement	Responsibility	Awareness
BISC		I			
111					
BUSI	R				
240					
EDUC			I		
120					
EDUC			R		
101					
EDUC	I				
115					
EDUC	M				
208					-
EDUC				м	I
210		N4			
EDUC 217		м			R
EDUC					м
220					1*1
EDUC			R		
230					
EDUC			м		
260			•••		
ENGL	R				
103					
HIST		R			
230					
PHED				I	
103					
PSYC				R	
101					
PSYC		R			
296					
	PLO 4	PLO 3	PLO 5	PLO 2	PLO 1
	Generate	Design	Value	Design	Compare
	effective	learning	collaborative	learning	and
	communication	opportunities	work	opportunities	contrast
	both oral and	based on	environments	based on	global
	written used in	NAEYC	identified in	ethical anti-	educational
	care and educational	(National Association	education as	bias practices.	practices.
		for the	a (PLC) Professional		
	settings.	Education of			
		Young	Learning Community.		
		Children) in	Community.		
		various early			
		childhood			
		settings.			
		settings.	I		1

# Associate in Applied Science in Early Childhood Education

Course		11 C 2			ПСГ
Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
CADD				I	
101					
CHEM				R	
101					
ECON		Μ			
202					
EDUC			I		
120					
ENGL	R				
103					
HIST					R
102					
HUMA					Μ
210					••
INTE				М	
126				•••	
INTE	I				
140	1				
ISYS		I			
110		1			
MATH		R			
130		IX IX			
MATH		R			
141		R.			
PHED				I	
103				I	
PHYS			D		I
101			R		1
PHYS			M		I
102			ITI		1
			D		
POSC			R		
201					
SPEE	М				
104					
	PLO 4	PLO 4	PLO 5	PLO 2	PLO 1
	Illustrate	Develop a	Take part in	Analyze the	Assess the
	effective	fundamental	active	context of	interdependence
	communication	understanding	learning	problems and	of systems.
	methods	of key	activities	the	
	including oral,	concepts in	both in and	ramifications	
	written,	math and	out of the	of various	
	scientific, and	science.	classroom.	courses of	
	mathematical.			action.	

## Associate in Applied Science in Engineering Technology

CHEM       I       I       I       I         100       I       I       I       I         120       I       I       I       I         120       I       I       I       I         103       R       I       I       I         FISC       I       I       I       III         102       I       IIII       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Course	ILC 1 Communication	ILC 2 Critical Thinking	ILC 3 Engagement	ILC 4 Ethical Responsibility	ILC 5 Global Awareness
EDUC         I         I         I           120         R         I         I         I           ENGL         R         I         I         I           ENGL         M         I         I         II           104         I         II         III         IIII         IIIII           102         R         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						
120 $\sim$ $\sim$ $\sim$ $\sim$ ENGL       R $\sim$ $\sim$ $\sim$ ENGL       M $\sim$ $\sim$ $\sim$ 104       I $\sim$ $\sim$ $\sim$ FISC       I $\sim$ $\sim$ $\sim$ FISC       R $\sim$ $\sim$ $\sim$ FISC       M $\sim$ $\sim$ $\sim$ FISC       M $\sim$ $\sim$ $\sim$ FISC       I $\sim$ $\sim$ $\sim$ FISC       I       I       I       I         FISC       I       I       I       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						
ENGL 103         R         I         I         I           ENGL 104         M         I         I         I         I           FISC 102         I         I         II         III         IIII           FISC 110         R         IIII         IIII         IIIII         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				I		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
ENGL 104         M         I         I         I           FISC         I         I         I         II         III           FISC         R         III         IIII         IIII         IIIII         IIIII         IIIIIII         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		R				
104       I       I       I         FISC       I       I       I         102       I       I       I         FISC       R       I       I         110       N       I       I         FISC       M       I       I         FISC       M       I       I         FISC       I       I       I         210       I       I       I         FISC       I       I       I         210       I       I       I         FISC       I       I       I         210       I       I       I         FISC       I       I       I         213       I       I       I         HEED       I       I       I         131       I       I       I         HEED       I       I       I         132       I       I       I         133       I       I       I       I         101       I       I       I       I         103       I       I       I       I						
FISC       I       I       I         102       R       I       I         FISC       R       I       I         110       M       I       II         FISC       M       III       III         FISC       M       IIII       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ENGL	M				
102       R       R       Image: constraint of the sector of the secto						
FISC       R       R       R       R       R       R       R       R       R       R       R       R       R       R       R       R       R       III       R       III       III       R       III       III       III       III       IIII       III       IIII       IIII       IIII       IIII       IIII       IIIII       IIIII       IIIIII       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	FISC		I			
110       Image: marked state st						
FISC       M       M       Image: Constraint of the sector of the sect			R			
111       Image: strain of the s						
FISC 112MMIFISC 210IIIFISC 211IRRFISC 213IIMFISC 213IIMFISC 131IIIHEED 132IIIHEED 132IIIHEED 132IIIISYS 110IIIMATH 101IIIPHED 103IIIPSC 201IRISOCI SOCIRRISPEERII			M			
112       Image: strain of the s						
FISC       I       I         210       I       I       I         FISC       I       R       R         211       I       I       R         FISC       I       I       R         213       I       I       M         HEED       I       I       I         131       I       M       I         HEED       I       M       I         132       I       I       I         132       I       I       I         132       I       I       I         132       I       I       I         133       I       I       II       II         134       I       II       III       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	FISC			M		
210       Image: style sty						-
FISC 211RFISC 213RFISC 213MHEED 131IHEED 132IHEED 132IISYS 10IISYS 10IIO1IPHED 101IPHED 103IPSCC 101ISOCI 201RSPEERSPEER						L
211Image: sector of the sector of	210					
FISC 213Image: sector of the						К
213       Image: state in the						•
HEED 131III131IIMHEED 132IMM132IIIISYS 110IIIMATH 101IIIPHED 103IIIPOSC 201IRIPSYC 101IRISOCI 201RRISPEERII	FISC					M
131       Image: style sty					т	
HEED 132IM132IIISYSII110IIMATHIII101IIIPHEDIIII103IIIIPOSCIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					1	
132       I       II       III       III         110       II       III       IIII       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					M	
ISYS       I       I       I       I       I         110       I       I       I       I       I         MATH       I       I       I       I       I         101       I       I       I       I       I         PHED       I       I       I       I       II         103       I       I       II       II       III         POSC       R       R       III       III         201       I       III       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					IM	
110       Independent of the second sec			т			
MATH         I         I           101         I         I         I           PHED         I         I         I           103         I         I         I           POSC         R         I         I           201         R         R         I           PSYC         R         R         I           101         R         I         I           SOCI         R         R         I           201         R         I         I			1			
101       Image: symbol display="block" display="block			+		т	
PHED         I         I           103         I         I         I           POSC         R         I         I           201         R         I         I           PSYC         R         R         I           101         R         I         I         I           SOCI         R         I         I         I           SPEE         R         I         I         I					1	
103     Image: SPEE     Image: Speed of the system					Т	
POSC 201RRPSYC 101RRSOCI 201RRSPEERI					1	
201         Image: Constraint of the second sec				P		
PSYC         R           101         R           SOCI         R           201         R           SPEE         R	201					
101     Image: SOCI general system     R     Image: SOCI general system       201     Image: SPEE     R     Image: SPEE					R	
SOCI 201         R         R           SPEE         R						
201 SPEE R S			1	R		
SPEE R						
		R				
			1			

# Associate in Applied Science in Fire Science

Course	ILC 1 Communication	ILC 2 Critical Thinking	ILC 3 Engagement	ILC 4 Ethical Responsibility	ILC 5 Global Awareness
ART		THINKING		Responsibility	I
100					1
ART					R
101					ĸ
ART	I				
105	L				
ART					R
204					IX IX
ART		R			
213					
ART	R				
219					
ART					Μ
220					
ART		м			
230					
ART			м		
261					
ART				М	
265					
BUSI			R		
200					
ENGL	R				
103					
ENGL	М				
104					
MATH		I			
128					
PSYC				R	
101					
	PLO 3	PLO 2	PLO 4	PLO 1	PLO 5
	Compile a specific	Build	Develop	Analyze visual	Establish an
	repertoire of	iterative	habits	communication	informed
	dialogue and	systems	conducive to	designs for	relationship
	-	for visual	building a	sensitivity	between visual
	terminology for		-		
	informed	problem	creative and	towards specific	communication
	interaction with	solving.	active	and global	and its specific
	industry		learning	audiences.	audience using
	professionals.		community.		contemporary
			, ,		systems and
					client-driven,
					design-based
					practices.

## Associate in Applied Science in Graphic Design Technology

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
Course	Communication	Critical Thinking		Ethical	Global
	Communication		Engagement		
DIOL		<b>.</b>		Responsibility	Awareness
BIOL		I			
110					
EDUC			I		
120					
ENGL	Ι				
103					
ENGL	R				
104					
HEED	Ι				
101					
HEED					I
137					-
HEED					R
163					IX IX
HIMS				I	
101				1	
HIMS				R	
180					_
HIMS					R
201					
HIMS					R
202					
HIMS		R			
203					
HIMS			R		
205					
HIMS			R		
210					
HIMS	Μ	М	М	м	М
255					
HIMS			М		
290					
MATH				R	
101					
MEDA		R			
MEDA 221					
				I	
PHED					
103					
SOCI					R
240					
SPEE	R				
104					
	PLO 3	PLO 5	PLO 2	PLO 1	PLO 4
	Design	Understand,	Appraise the	Apply privacy	Implement
	appropriate	evaluate and	positive	strategies to	the AHIMA

### Associate in Applied Science in Health Information Technology

graphs for successful display, interpretation, and comparison of data.	apply health information/record laws and regulations, including retention, patient rights/advocacy, advanced directives and privacy issues.	impact of information technology advancement on performance improvement plans.	health information.	Code of Ethics to the coding process.
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Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
EDUC			I		
120					
ENGL	R				
103					
ENGL	М				
104					
SPEE	Ι				
102					
SPEE	R				
104					
INTE				М	
227					
ISYS		I			
110					
	PLO 4	PLO 2	PLO 1	PLO 5	PLO 3
	Select	Chooses the	Assimilates	Selects the	Differentiates
	appropriate and	appropriate	as a	requirements of	the use of
	professional	welding	contributing	a safe work	various
	communication	methodology	member of a	environment.	metals in
	techniques.	to use.	task-oriented		welding.
			team.		

#### Associate in Applied Science in Industrial Technology

#### Note:

This program as outlined does not meet MTA requirements. Students interested in satisfying the MTA need a higher-level math course, two natural science courses, two social science courses, and two humanities courses. The Institutional Learning Competencies (ILCs) are mapped into these courses. Hence, the graduate of the Industrial Technology, A.A.S. Program will progress into the mastery level on each ILC.

#### Associate in Applied Science in Information Technology Networking Transfer Track to Ferris State University

Course	ILC 1	ILC 2 Critical	ILC 3	ILC 4 Ethical	ILC 5 Global
	Communication	Thinking	Engagement	Responsibility	Awareness
BISC		R		Responsibility	Awareness
111		IX IX			
ECON		R			
202		IX IX			
EDUC			I		
120			1		
ENGL	R				
103					
GEOG					R
110					
HUMA					М
210					1.1
ISYS	I				
115	I				
ISYS					I
201					1 I
ISYS			М		
207			1*1		
ISYS		R			
271		IX IX			
ISYS				I	
272				I	
ISYS				М	
281				1.1	
ISYS	Μ				
282	••				
ISYS		R			
284					
ISYS		Μ			
285		••			
MATH		I			
150		_			
PHIL				R	
210					
SOCI			R		
201					
SPEE	R				
102					
	PLO 1	PLO 4	PLO 2	PLO 3	PLO 5
	Develop project	Investigate	Establish a	Integrate	Provide
	management	and resolve IT-	professional	general	organizational
	skills by	related issues	demeanor as	business	support for
	communicating	through a	a member of	principles to	both internal
	effectively,	logical	a task-	develop	and external
	both orally and	troubleshooting	oriented	ethical	users.
	in writing.	process.	team.		

		decision-	
		making skills.	

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
Course	Communication	Critical	Engagement	Ethical	Global
	Communication	Thinking	Lingagement	Responsibility	Awareness
BIOL 110		I		Responsibility	Awareness
BUSI 214	R	-			
EDUC 120			I		
ENGL 103	I				
ENGL 104	R				
HEED 101	I				
HEED 137	R				
HEED 175					Ι
ISYS 110		R			
MATH 101				Ι	
MEDA 210				Ι	R
MEDA 211		R			
MEDA 212			R		
MEDA 220				R	
MEDA 221		R			
MEDA 240	М	М	М	Μ	М
MEDA 250	М	М	М	М	М
PSYC 101				R	
SPEE 104	R				
	PLO 5	PLO 1	PLO 4	PLO 2	PLO 3
	Demonstrate	Apply	Demonstrate	Apply the	Apply the
	effective	Critical	competency	medical	learning
	communication	Thinking	in	assisting	expectation
	and	and	administrative	standards of	of an entry-
	professionalism	Reasoning	and clinical	practice in the	level medical
	with patients,	skills in	skills as an	healthcare	assistant in
	family, and the	patient	entry-level	field as	the domains
	healthcare	care as a	medical	evidenced by	of Cognitive
	team evidenced	medical	assistant as	the internship	(knowledge),
	by the	assistant	evidenced by	evaluations.	Psychomotor,
	internship	as	the Internship		(skills), and
	evaluations.	evidenced	Evaluations.		Affective
		by the			(behavior).
		internship			Measurement
		evaluation.			of success
					will be
					evidenced in
					the
					internship
1	1		1		evaluation.

## Associate in Applied Science in Medical Assisting

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
BIOL		R			
214					
BIOL		R			
215					
CHEM				I	
100					
EDUC			I		
120					
ENGL	M				
103					
HEED	I				
101					
MATH		I			
127					
MRI	R				
200					
MRI					М
201					
MRI		R			
220					
MRI		M			
222					
MRI		R			
230					
MRI				R	
232					
MRI			R		
240					
MRI			M		
241					
MRI	R				
260					
MRI				R	
261					
MRI				R	
262					
MRI				М	
263					
PSYC				R	
101					
	PLO 4	PLO 5	PLO 1	PLO 2	PLO 3
	Provide patient	Recognize	Apply	Participate in	Provide care
	education related	emergency	knowledge of	MRI quality	and comfort
	to MRI	patient	anatomy,	assurance	in regard to
	procedures.	conditions	physiology,	programs.	the holistic
		and initiate	positioning,		health of the
		life-saving	and MRI		patient,

## Associate in Applied Science in MRI Technology

first aid and basic life-support procedures.	sequence parameters to accurately demonstrate anatomical structures.		technologist, and others.
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Cours	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
е	Communicatio	Critical Thinking	Engageme	Ethical	Global
	n	_	nt	Responsibility	Awareness
BIOL		R			
214					
BIOL		R			
215					
CHEM				I	
100					
EDUC			I		
120					
ENGL	Μ				
103					
HEED	Ι				
101					
MATH		I			
127					
NDXT					
100		Ι			
NDXT	I				
101					
NDXT	R				
102					
NDXT			R		
120					
NDXT	R				
130					
NDXT					R
131					
NDXT				Ι	
132					
NDXT			R		
200					
NDXT				R	
201					
NDXT				R	
202					
NDXT			R		
220					
NDXT			М		
221					
NDXT					М
230					
NDXT		R			
231					
NDXT		М			
232					
PHIL				Μ	
210					

## in Applied Science in Neurodiagnostic Technology (EEG)

PSYC 101				R	
SOCI 201			R		
	PLO 5 Provide patient education related to NDT procedures.	PLO 1 Apply knowledge of providing a quality electroencephalogra m following guidelines provided by ACNS.	PLO 2 Become a productive, responsible and professiona I member of society as a skilled member of the healthcare workforce.	PLO 3 Exhibit professionalis m, integrity, and high standards in the classroom, laboratory and clinical site, incorporating legal and ethical responsibilities of a Neurodiagnosti c Technologist.	PLO 4 Provide care and comfort in regard to the holistic health of the patient, technologis t, and others.

Course	ILC 1 Communication	ILC 2 Critical Thinking	ILC 3 Engagement	ILC 4 Ethical Responsibility	ILC 5 Global Awareness
PSYC				I	I
101					
BIOL					
214					
BIOL					
215					
CHEM 100				I	
ENGL	I				
103	1				
MATH		I			
127		_			
NURS		R	I	R	R
167					
NURS		R		R	R
178					
NURS		R		R	R
186					
NURS 187	R	R	R	R	R
NURS		R		R	R
194		IX IX			
NURS	R	R	R	R	R
195					
NURS		R		R	R
204					
NURS	R	R	R	R	R
205				M	
NURS 208		R		М	R
NURS	M	M	м	M	M
209					
NURS		R		М	М
212					
NURS		R		R	R
228					
NURS		R		R	R
238					
NURS 239	R	R	R	R	R
NURS		R		M	R
248		r.		1*1	I III
NURS	M	м	M	Μ	Μ
249					

# Associate in Applied Science in Nursing (LPN to RN)

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
	Communication	Critical	Engagement	Ethical	Global
		Thinking		Responsibility	Awareness
EDUC			I		
120					
PSYC				I	
101					
BIOL		I			
214					
BIOL		I			
215					
CHEM				I	
100		_			
ENGL	I				
103					
MATH		I			
127					
NURS 160	R	R		R	R
NURS	R	R		R	R
167	ĸ	ĸ		ĸ	ĸ
NURS	R	R	R	R	R
168	n n	ĸ	R R	R.	R.
NURS	R	R	R	R	R
170					
NURS		R		R	R
178					
NURS	R	R		R	R
186					
NURS	R	R	R	R	R
187					
NURS	R	R		R	R
194					
NURS	R	R	R	R	R
195					
NURS	R	R		R	R
204		1			
NURS	R	R	R	R	R
205					
NURS	R	R		R	R
208					
NURS	M	М	м	Μ	м
209		-			
NURS		R		Μ	м
212					
NURS		R		R	R
228					<u> </u>
NURS	R	R		R	R
238					

## Associate in Applied Science in Nursing (RN)

Course	ILC 1	ILC 2	ILC 3	ILC 4	ILC 5
course	Communication	Critical	Engagement	Ethical	Global
		Thinking	Lingugeriterite	Responsibility	Awareness
CADD				I	
101				-	
EDUC			I		
120			-		
ELEC	I				
118	-				
ELEC					м
119					
ELEC					I
131					1
ELEC				R	
140				N N	
ELEC	м				
208	141				
ELEC		R			
212		ĸ			
ELEC		R			
218		ĸ			
ELEC		R			
233		ĸ			
ELEC		М			
		IVI			
234 ENGL					
	R				
103 INTE				R	
				K	
126					
INTE					R
159 INTE				M	
				M	
227					D
INTE					R
229			<b>F4</b>		
INTE			м		
245		<b>.</b>			
MATH		Ι			
127					
SPEE	R				
102					
WELD			R		
159					DI O O
	PLO 1	PLO 4	PLO 3	PLO 5	PLO 2
	Demonstrates	Evaluates	Exhibits	Recognizes	Demonstrates
	an	electrical	professional	potential	an
	understanding of	and/or	demeanor.	safety and	understanding
	the	electronic	Completes	electrical	of robots and
	fundamentals of	equipment	tasks in	safety issues	robotic
	networked	and be	timely	with an	systems, both

## Associate in Applied Science in Robotics

and be able to communicate with multiple generations of equipment install, maintain, and repair said equipment.	manner, understands accountability and responsibility, is punctual, cooperates with peers and supervisors.	understanding of their responsibility to both themselves and others regarding keeping an automated workplace safe.	how to program them and a larger understanding of their impact on manufacturing and society in general.
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Course	ILC 1 Communication	ILC 2 Critical Thinking	ILC 3 Engagement	ILC 4 Ethical Responsibility	ILC 5 Global Awareness
BIOL		R		Responsibility	Awareness
		ĸ			
110 EDUC			I		
			1		
120					
EDUC			R		
215	D				
ENGL	R				
103					
ENGL	Μ				
104					
ENST					R
112		-			
MATH		I			
150					
PHED				I	
103					
PHIL				м	
210					
POSC			R		
201					
PSYC				R	
101					
SOCI			R		
201					
SOCI			м		
203					
SOCI					М
240					
SOWK					I
100					
SOWK					R
120					
SOWK		М			
200					
SPEE	Ι				
102					
	PLO 3	PLO 1	PLO 4	PLO 2	PLO 5
	Discuss	Analyze	Evaluate	Construct a	Explain the
	program and	research	client needs	values	impact of
	policies with	findings to	in	statement	diversity in
	clients utilizing	formulate,	comparison	congruent	the human
	effective	and advocate	to current	with their	experience
	interviewing	for policies	practice,	views on the	and identity
	skills, and oral,	that advance	policy, and	advancement	development.
	written, and	human rights	programs.	social, racial,	
	electronic	and social,		economic, and	
	communication.	racial,			

## Associate in Applied Science in Social Work

economic, and	environmental justice.
environmental justice.	

Course	ILC 1 Communication	ILC 2 Critical	ILC 3 Engagement	ILC 4 Ethical	ILC 5 Global
		Thinking		Responsibility	Awareness
BISC		R			
111					
BUSI			R		
200					
BUSI			R		
220					
CHEM				I	
100					
ECON		R			
202					
EDUC			I		
120					
ENGL	R				
103					
HUMA					М
210					
ISYS		I			
110					
MATH		I			
150		-			
PHED				I	
103				-	
PHED					R
111					
PHED		м			
210					
PHED			м		
215					
PHIL				М	
210					
PSYC				R	
101					
SPEE	I				
102	· ·				
SPEE	м				
104	• •				
	PLO 1	PLO 2	PLO 5	PLO 3	PLO 4
	Compare	Discern the	Synthesize	Assess ethical	Evaluate
	effective	different uses	fundamental	standards	international
	communication	and values of	marketing	when	sport
			-	analyzing the	issues.
	methods in both	resources in	concepts.		155065.
	oral and written	sports		context of	
	English used in	management.		problems for	
	sports business.			making	
				decisions	
				purposes.	

### Associate in Applied Science in Sports Management

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