

# Associate of Science Academic Degree Map

## Accounting 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176),(MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs.	Milestones/Notes	Course	Hrs.	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		Natural & Physical Science (SGE) <sup>040</sup>	4-5	
MTH178 College Algebra or higher (SGE) <sup>030</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
*ACC177 Accounting I	3		Arts & Humanities (SGE) <sup>060</sup>	3	
BUS 235 Microcomputer Off Apps I (SWE) <sup>070</sup>	3		*ACC178 Accounting II	3	ACC177 w/ C or higher
Arts & Humanities (SGE) <sup>060</sup>	3		Open Electives	3	
TOTAL	15		TOTAL	16-17	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs.	Milestones/Notes	Course	Hrs.	Milestones/Notes
Institutionally Designated (SGE) <sup>070</sup>	3		*BUS255 Microcomputer Off Apps II	3	BUS235
*ACC231 Computerized Accounting	3	ACC177 w/ C or higher	*BUS236 Business Communication	3	ENG176 and BUS235
Social & Behavioral Sciences (SGE) <sup>050</sup>	3		Social & Behavioral Sciences (SGE) <sup>050</sup>	3	
Communications (SGE) <sup>020</sup>	3		Open Electives	5-6	
*BUS233 Business Law	3				
Open Electives	3				
TOTAL	18		TOTAL	14-15	
<b>DEGREE TOTAL: 64</b>					

**Open electives (11-12 hrs) include non-required courses from other disciplines or the student's area of study.**

**\*Area of Study Courses 18 hrs required as specified above by the \*.**

### Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	

Effective Fall 2024

# Associate of Science Academic Degree Map

## Agribusiness/Ag Economics 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
AGR185 Computers in Ag (SGE) <sup>070</sup>	3		MTH178 or higher (SGE) <sup>030</sup>	3	
Social & Behavioral Science (SGE) <sup>050</sup>	3		BIO125 General Biology (SGE) <sup>040</sup>	5	
*AGR132 Animal Science	3		Institutionally Designated (SGE) <sup>070</sup>	3	
*AGR142 Ag in Our Society	1		*AGR232 Marketing Ag Products	3	
*Area of Study	2				
TOTAL	15		TOTAL	17	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Communication (SGE) <sup>020</sup>	3		Arts & Humanities(SGE) <sup>060</sup>	3	
Arts & Humanities(SGE) <sup>060</sup>	3		*Area of Study	3	
AGR231 Intro to Agribusiness (SGE) <sup>050</sup>	3		Open Electives	11	
*Area of Study	6-7				
TOTAL	15-16		TOTAL	17	
<b>DEGREE TOTAL: 64</b>					

**Open electives (11 hrs) include non-required courses from other disciplines or the student's area of study.**

**\*Area of Study Courses 11-12 hrs required from the following:**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Any BUS, ACC, AGR, MTH or Science	11-12				

### Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	

## Associate of Applied Science Academic Degree Map Agricultural Power Technology 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The courses approved for the AAS Institutionally Designated options are listed in the AAS degree requirements. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 +MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
APT137 Agricultural Seminar	1		APT236 Agricultural Seminar	1	
APT246 Ag Machinery Operations	3		APT138 App Hydraulics & Pneumatics	3	
APT129 App Elect/Electronic	3		APT141 Fundamentals of Engines	3	
APT125 Outdoor Power Equip.	3		APT127 Tractor & Auto AC Repair	3	
APT123 Occup Work Experience I	3		APT124 Occupational Work Exp II	3	
COM130 or COM106 or COM131 or COM276	3		MTH126 Tech Math or higher	3	
<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>	
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
APT223 Occupational Work Exp III	3		APT224 Occupational Work Exp IV	3	
APT226 Tractor Maint & Repair	2		APT248 Diesel Fuel Systems	3	
APT101 Welding I	2		APT245 Shop Practice I	3	
APT146 Diesel Electrical Systems	1		APT244 Ag Power Transmissions	3	
APT247 Elec Acc Diag & Repair	3		AAS Institutionally Designated	3	
ENG135 Writing for the Workplace or ENG176 English Comp I	3				
Social & Behavioral Science or Arts & Humanities	3				
<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>15</b>	
<b>DEGREE TOTAL:</b>				<b>64</b>	

Effective Fall 2024

# Associate of Science Academic Degree Map

## Agronomy 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
AGR185 Computers in AG (SGE) <sup>070</sup>	3		MTH178 or higher (SGE) <sup>030</sup>	3	
*AGR142 Ag in Our Society	1		BIO125 General Biology (SGE) <sup>040</sup>	5	
*AGR131 Plant Science	4		Arts & Humanities(SGE) <sup>060</sup>	3	
*AGR132 Animal Science	3		*AGR136 Soils	4	
TOTAL	14		TOTAL	18	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Communications (SGE) <sup>020</sup>	3		Arts & Humanities(SGE) <sup>060</sup>	3	
AGR231 Intro to Agribusiness(SGE) <sup>050</sup>	3		Social & Behavioral Science (SGE) <sup>050</sup>	3	
*AGR133 Crop Production	3		Institutionally Designated (SGE) <sup>070</sup>	3	
*Area of Study	3		*Area of Study	3	
Open Electives	4		Open Electives	4	
TOTAL	16		TOTAL	16	
<b>DEGREE TOTAL: 64</b>					

Open electives (8 hrs) include non-required courses from other disciplines or the student's area of study.

\*Area of Study Courses 6 hrs required from the following:

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Any AGR, MTH, BUS, ACC or Science Course	6				

### Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	

Effective Fall 2024

## Allied Health (Stand Alone Parent Programs)

### Nursing Aide, Medication Aide, Home Health Aide 2024-2025

The Nursing Aide program is designed to provide students with the essential knowledge and skills to excel as Certified Nursing Assistants in various healthcare settings such as hospitals, nursing homes, clinics, assisted living facilities, and more. Students will learn about the principles of patient care, infection control, vital signs monitoring, and communication techniques. The format of this course is a hybrid format that includes online learning combined with a simulated lab experience and an in-person clinical rotation that provides for hands-on training. Students must supply their own transportation to and from the clinical sites. The Nurse Aide I course will prepare students to assist patients with activities of daily living, maintain a safe environment, and collaborate with healthcare professionals effectively. Upon successful completion of the course, students will be eligible to take the state Nurse Aide certification exam and pursue a rewarding career in the healthcare industry.

<b>NURSING AIDE</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
HOC101 Nurse Aide I	5	Student must complete and pass all theory, lab, and clinical requirements for state certification exam eligibility.
		<b>TOTAL PROGRAM HOURS 5</b>

The Medication Aide program is designed to train healthcare professionals in the safe and accurate administration of medications in various healthcare settings such as nursing homes, clinics and assisted living facilities. Students will learn about medication classifications, dosage calculations, drug interactions, and proper medication storage and handling. The course is taught in a hybrid format that includes online learning combined with an in-person clinical rotation that provides for hands-on training. Students must supply their own transportation to and from the clinical sites. Upon completion of the course, students will be eligible to take the state Medication Aide certification exam. The student must have current Nurse Aide certification prior to enrollment in this program.

<b>MEDICATION AIDE</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
HOC102 Medication Aide	5	Student must complete and pass all theory, lab, and clinical requirements for state certification exam eligibility. Prerequisite: Nurse Aide certification.
		<b>TOTAL PROGRAM HOURS 5</b>

The Home Health Aide course is designed to prepare individuals for a rewarding career in providing essential care and support to clients in their homes. During the two-week online course, students will learn about personal care tasks, nutrition and meal preparation, infection control, and communication skills necessary for working with clients of all ages and backgrounds. The curriculum covers topics such as assisting with activities of daily living, monitoring vital signs, recognizing changes in client health status, and maintaining a safe environment in the home setting. Upon completion of the course, students will be eligible to take the state Home Health Aide certification exam and make a positive impact on the lives of individuals requiring home-based care. The student must have current Nurse Aide certification prior to enrollment in this program.

<b>HOME HEALTH AIDE</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
HOC103 Home Health Aide	2	Student must successfully complete this class for state certification exam eligibility. Prerequisite: Nurse Aide certification.
		<b>TOTAL PROGRAM HOURS 2</b>

# Associate of Science Academic Degree Map

## Animal Science 2024-2025

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Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
Arts & Humanities (SGE) <sup>060</sup>	3		MTH178 or higher (SGE) <sup>030</sup>	3	
AGR185 Computers in Ag(SGE) <sup>070</sup>	3		BIO125 General Biology (SGE) <sup>040</sup>	5	
*AGR132 Animal Science	3		*Area of Study	6	
*AGR142 Ag in Our Society	1				
Open Electives	3				
TOTAL	16		TOTAL	17	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Communications (SGE) <sup>020</sup>	3		Social & Behavioral Sciences (SGE) <sup>050</sup>	3	
AGR231 Intro to Agribusiness (SGE) <sup>050</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		*AGR239 Fundamentals of Animal Nutrition	3	
*AGR138 Livestock Selection	2		*Area of Study	3	
*Area of Study	3-4		Open Electives	5	
TOTAL	14-15		TOTAL	17	
<b>DEGREE TOTAL: 64</b>					

Open electives (8 hrs) include non-required courses from other disciplines or the student's area of study.

\*Area of Study Courses 12-13 hrs required from the following:

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
AGR131, AGR133, AGR136, or AGR241	3-4		Any AGR, ACC, BUS, APT	9	

### Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	

## Associate of Applied Science Academic Degree Map Automotive Technology 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The courses approved for the AAS Institutionally Designated options are listed in the AAS degree requirements. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 +MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
ENG135 Writing for the Workplace or ENG176 English Comp I	3		MTH126 Tech Math or higher	3	
AAS Institutionally Designated	3		Social & Behavioral Science or Arts & Humanities	3	
*AMC111 Engine Repair I	3		*AMC108 Engine Performance I	3	
*AMC112 Engine Repair II	3	AMC111 prereq	*AMC109 Engine Performance II	3	AMC109 prereq
*AMC132 Suspension & Steering I	3		*AMC129 Electrical I	3	
*AMC238 Suspension & Steering II	2	AMC238 prereq	*AMC134 Electrical II	3	AMC129 prereq
TOTAL	17		TOTAL	18	
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
COM106 or COM130 or COM131 or COM276	3		*AMC209 Engine Performance IV	3	AMC208 prereq
*AMC208 Engine Performance III	3		*AMC225 Automatic Transmission	5	
*AMC235 Electrical III	3		*AMC254 Brakes I	3	
AMC236 Manual Transmission	5		*AMC255 Brakes II	2	AMC254 prereq
			*AMC260 Automotive Heating & A/C	5	
TOTAL	14		TOTAL	18	
<b>DEGREE TOTAL:</b>					<b>67</b>

Effective Fall 2024

## Occupational Certificate Academic Degree Map Automotive Level I Certificate 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
*AMC132 Suspension & Steering I	3		*AMC129 Electrical I	3	
*Area of Study	4		*AMC108 Engine Performance I	3	
			*AMC254 Brakes I	3	
TOTAL	7		TOTAL	9	
<b>DEGREE TOTAL: 16</b>					

*Area of Study: A minimum of <u>4</u> hrs required from the specific courses listed below.					
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
AMC111 Engine Repair I	3	Fall	AMC236 Manual Transmission	5	Fall
AMC112 Engine Repair II	3	Fall (AMC111 prereq)	AMC238 Suspension & Steering II	2	Fall
AMC109 Engine Performance II	3	Spring (AMC108 prereq)	AMC209 Engine Performance IV	3	Spring (AMC208 prereq)
AMC134 Electrical II	3	Spring (AMC129 prereq)	AMC255 Brakes II	2	Spring (AMC254 prereq)
AMC208 Engine Performance III	3	Fall (AMC109 prereq)	AMC260 Automotive Heating & A/C	5	Spring
AMC235 Electrical III	3	Fall (AMC134 prereq)			
AMC225 Automatic Transmission	5	Spring			

Effective Fall 2024



# Associate of Science Academic Degree Map

## Business Administration 2024-2025

**Management, Marketing, Economics, Entrepreneurship, Insurance, Public Relations, Real Estate, Sales, etc.**

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SWG) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
MTH178 College Algebra or higher (SGE) <sup>030</sup>	3		Natural & Physical Science (SGE) <sup>040</sup>	4-5	
BUS235 Microcomputer Office Apps I (SGE) <sup>070</sup>	3		Arts & Humanities (SGE) <sup>060</sup>	3	
*BUS178 Intro to Business	3		Open Electives	5-6	
Arts & Humanities (SGE) <sup>060</sup>	3				
TOTAL	15		TOTAL	16-17	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Institutionally Designated (SGE) <sup>070</sup>	3		Social & Behavioral Science (SGE) <sup>050</sup>	3	
Communications (SGE) <sup>020</sup>	3		*BUS236 Business Communication	3	ENG176 and BUS235
Social & Behavioral Science (SGE) <sup>050</sup>	3		*BUS237 Business Management	3	
*ACC177 Accounting I	3		*ACC178 Accounting II	3	ACC177 w/ C or higher
*BUS234 Marketing	3		Open Electives	3	
Open Electives	3				
TOTAL	18		TOTAL	15	
<b>DEGREE TOTAL: 64</b>					

**Open electives (11-12 hrs) include non-required courses from other disciplines or the student's area of study .**

**\*Area of Study Courses 18 hrs required as per the above specific courses marked by an \*.**

### Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	

Effective Fall 2024

## Associate of Applied Science Academic Degree Map Business Administrative Technology 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The courses approved for the AAS Institutionally Designated options are listed in the AAS degree requirements. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG135 Writing for the Workplace or higher	3		*BUS264 Administrative Management	3	
*BUS158 Office Technology	3		*ACC177 Accounting I Or II	3	
BUS235 Microcomputer Off Apps I (AAS Institutionally Designated)	3		Arts & Humanities/Social Science	3	
*BUS178 Intro to Business	3		MTH126 Tech Math or higher	3	
*ACC111 Intro to Accounting Or *ACC177 Accounting I	3		Communication Discipline	3	
			*Area of Study	3	
TOTAL	15		TOTAL	18	
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
*BUS234 Marketing	3		*BUS237 Business Management	3	
*ACC231 Computerized Acctg. OR OWE	3	Prereq of C or ↑ in ACC177	*ACC178 Accounting II or OWE	3	Prereq of C or ↑ in ACC177
*BUS201 Web Page Design	3		*BUS255 Microcomputer Office Apps II	3	Prereq BUS235
*BUS233 Business Law	3		*Area of Study	7	
*Area of Study	3				
TOTAL	15		TOTAL	16	
<b>DEGREE TOTAL: 64</b>					

**\*Area of Study Courses 13 hrs. required from the following:**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
BUS150 Advertising	3		BUS276 Macroeconomics	3	
BUS157 Records Management	3		BUS277 Microeconomics	3	
BUS162 Intro to Word Processing	3		BUS249 Medical Terminology	3	
BUS176 Personal Finance	3		BUS254 Medical Office Procedures	3	
BUS 177 Human Relations	3		BUS250 Medical Transcription	3	
BUS218 Business Ethics	3		INT107 CompTIA A+ Essentials	3	
BUS243-246 OWE	1-4		INT109 Intro to Network Technology	3	
ACC232 Managerial Accounting	3		INT206 CompTIA A+ Practical Apps	3	
BUS237 Business Communication	3				

## Occupational Certificate Academic Map Business Administrative Technology 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled “Systemwide General Education Program” following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
ENG135 Writing for the Workplace or higher	3		MTH126 Tech Math or Higher	3	
BUS235 Microcomputer Office Apps I (AAS Institutionally Designated)	3		*BUS237 Business Management	3	
*BUS178 Introduction to Business	3		*ACC177 Accounting I	3	
*BUS158 Office Technology or *BUS254 Medical Office Procedures	3		*BUS264 Administrative Management	3	
*BUS201 Web Page Design	3		*Area of Study	2	
*Area of Study	3				
<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>14</b>	
<b>DEGREE TOTAL: 32</b>					

<b>*Area of Study Courses <u>5</u> hrs. required from the following:</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
ACC111 Intro to Accounting	3		BUS157 Records Management	3	
ACC178 Accounting II	3		BUS218 Business Ethics	3	
ACC231 Computerized Accounting	3		BUS237 Business Communication	3	
BUS176 Personal Finance	3		BUS243-246 OWE	1-4	
BUS255 Microcomputer Office Apps II	3		BUS254 Medical Office Procedures	3	
BUS149 Medical Terminology	3		BUS250 Medical Transcription	3	

Effective Fall 2024

## Certificate Academic Degree Map COMMERCIAL DRIVER'S LICENSE 2024-2025

This program provides classroom training as well as driving practice. The classroom theory provides training in basic operations, safety procedures, advanced driving practices, vehicle systems and reporting malfunctions, for Entry Level Driver Training (ELDT) to operate a commercial vehicle and preparation to complete and pass the written test to obtain a Class A CDL learner's permit. The driving portion of the program provides instruction and driving practice in a commercial motor vehicle (CMV) to meet the requirements to test for a Commercial Driver's License.

Note: students must be at least 18 years of age and hold a valid Kansas Driver's License (out of state students contact the instructor). Students must have successfully completed CDL101 Theory, passed the written test, and received a learner's permit prior to taking CDL102 Driving. There is an extra fee involved in the driving portion.

<b>1<sup>st</sup> Semester</b>	<b>Notes</b>
CDL101 Theory (3 cr)	
CDL102 Driving (2 cr)	Prereqs: CDL101, pass written test, have a current learner's permit

## Associate of Applied Science Academic Degree Map Electrical Powerline Technology 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The courses approved for the AAS Institutionally Designated options are listed in the AAS degree requirements. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information. ***Due to program rigor, it is strongly suggested that students complete the general education requirements prior to entering the Electrical Powerline Technology Program.***

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
<b>(ENG098 +ENG176), (MTH056 +MTH176), (MTH078 +MTH178), (MTH081 + MTH181)</b>		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
EPD124 Electrical Theory	3		EPD126 Underground Systems	3	
EPD131 System Design, Construction & Maintenance	3		EPD150 Electrical Essentials	3	
EPD236 Industrial Safety & Relations	3		EPD251 Transformers & Metering	3	
EPD141 Lab & Field Training I	8		EPD142 Lab & Field Training II	8	
ENG135 Writing for the Workplace or ENG176 English Comp I	3		MTH126 Technical Math or higher	3	
			AAS Institutionally Designated	3	
<b>TOTAL</b>	<b>20</b>		<b>TOTAL</b>	<b>23</b>	
<b>Summer Semester</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>			
EPD221 Occupational Work Exper.	4	Must be taken the summer following 2nd semester.			
<b>TOTAL</b>	<b>4</b>				
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
EPD143 Lab & Field Training III	6	EPD221 prereq	EPD144 Lab & Field Training IV	6	
COM106 or COM130 or COM131 or COM276	3	COM130 recommended	Social & Behavioral Sciences or Arts & Humanities	3	
<b>TOTAL</b>	<b>9</b>		<b>TOTAL</b>	<b>9</b>	
<b>Degree Total: 65</b>					

Effective Fall 2024

# Occupational Certificate Academic Map

## Electrical Powerline Technology Certificate 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled “Systemwide General Education Program” following the degree requirements in the PCC Catalog. Students must take 3 hours from courses approved as “AAS Institutionally Designated” (listed in the AAS degree requirements). Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information. ***Due to program rigor, it is strongly suggested that students complete the general education requirements prior to entering the Electrical Powerline Technology Program.***

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
EPD124 Electrical Theory	3		EPD126 Underground Systems	3	
EPD131 System Design, Construction & Maintenance	3		EPD150 Electrical Essentials	3	
EPD236 Industrial Safety & Relations	3		EPD251 Transformers & Metering	3	
EPD141 Lab & Field Training I	8		EPD142 Lab & Field Training II	8	
ENG135 Writing for the Workplace or ENG176 English Composition I	3		MTH126 Technical Math or higher	3	
			AAS Institutionally Designated	3	
TOTAL	20		TOTAL	23	
SUMMER SEMESTER					
Course	Hrs	Milestones/Notes			
EPD221 Occupational Work Experience	4				
TOTAL	4				
			<b>CERTIFICATE TOTAL: 47</b>		

Effective Fall 2024

# Associate of Applied Science Academic Degree Map

## Electrical Powerline Technology Support Specialist 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The courses approved for the AAS Institutionally Designated options are listed in the AAS degree requirements. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information. ***Due to program rigor, it is strongly suggested that students complete the general education requirements prior to entering the Electrical Powerline Technology Program.***

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 +MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
EPD124 Electrical Theory	3		EPD126 Underground Systems	3	
EPD131 System Design, Construction & Maintenance	3		EPD150 Electrical Essentials	3	
EPD236 Industrial Safety & Relations	3		EPD251 Transformers & Metering	3	
EPD250 Substations and Switchyards	3		EPD155 Powerline Troubleshooting	3	
EPD119 Leadership Fundamentals	2		MTH126 Technical Math or higher	3	
EPD130 CDL Prep	3		*AAS Institutionally Designated	2	
ENG135 Writing for the Workplace or ENG176 English Comp I	3		BUS237 Business Management	3	
BUS235 Microcomputer Office Applications I	3	Required from the AAS Institutionally Designated bucket			
<b>TOTAL</b>	<b>23</b>		<b>TOTAL</b>	<b>20</b>	
<b>Summer Semester</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>			
EPD221 Occup. Work Experience	4	Must be taken the summer following 2nd semester.			
<b>TOTAL</b>	<b>4</b>				
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
EPD146 Support Specialist Lab I	6	EPD221 prereq	EPD 148 Support Specialist Lab II	6	
COM106 or COM130 or COM131 or COM276	3	COM130 recommended	Social & Behavioral Sciences or Arts & Humanities	3	
<b>TOTAL</b>	<b>9</b>		<b>TOTAL</b>	<b>9</b>	
<b>Degree Total: 65</b>					

# Occupational Certificate Academic Map

## Electrical Powerline Technology Support Specialist Certificate 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled “Systemwide General Education Program” following the degree requirements in the PCC Catalog. The “AAS Institutionally Designated” courses are listed in the AAS degree requirements. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information. ***Due to program rigor, it is strongly suggested that students complete the general education requirements prior to entering the Electrical Powerline Technology Program.***

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
EPD124 Electrical Theory	3		EPD126 Underground Systems	3	
EPD131 System Design, Construction & Maintenance	3		EPD150 Electrical Essentials	3	
EPD236 Industrial Safety & Relations	3		EPD251 Transformers & Metering	3	
EPD119 Leadership Fundamentals	2		EPD155 Powerline Troubleshooting	3	
EPD250 Substations & Switchyards	3		MTH126 Technical Math or higher	3	
EPD130 CDL Preparation	3		AAS Institutionally Designated	2	
ENG135 Writing for the Workplace or ENG176 English Composition I	3		BUS237 Business Management	3	
BUS235 Microcomputer Office Applications I	3				
<b>TOTAL</b>	<b>23</b>		<b>TOTAL</b>	<b>20</b>	
SUMMER SEMESTER					
Course	Hrs	Milestones/Notes			
EPD221 Occupational Work Experience	4				
<b>TOTAL</b>	<b>4</b>				
<b>CERTIFICATE TOTAL: 47</b>					

Effective Fall 2024



## Associate of Science Academic Degree Map Elementary Education PK-6 Transfer 2024-2025

Because of licensure and rigid programmatic university accreditation requirements associated with elementary education, the Kansas State Board of Regents approved a Systemwide Elementary Education PK-6 Transfer Associate Degree. Students intending to transfer to a state university or Washburn University and major in elementary education need to adhere to the requirements as listed. Please refer to the following for the list of approved courses in each Systemwide Elementary Education (SWEE) discipline. If a student successfully completes the requirements for the Elementary Education PK-6 Transfer, at least 60 credit hours will transfer and apply toward the completion of specific requirements in the baccalaureate degree in elementary education. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

<b>Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 + MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
ENG176 English Comp I (SWEE) <sup>010</sup>	3		ENG177 English Composition II (SWEE) <sup>010</sup>	3	ENG1176 w/ C or higher
MTH176 Contemporary Math (SWEE) <sup>030</sup>	3		COM106 Interpersonal Communications <b>or</b> COM276 Public Speaking (SWEE) <sup>020</sup>	3	
Natural Science (Life Science SWEE) <sup>040</sup>	4-5	Must include a lab	Social & Behavioral Science (SWEE) <sup>050</sup>	3	
*Teacher Education Course	6		Institutional Option <sup>070</sup>	3	
			*Teacher Education Course	3	
<b>TOTAL</b>	<b>16-17</b>		<b>TOTAL</b>	<b>15</b>	
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
Social & Behavioral Science (SWEE) <sup>050</sup>	3		Arts & Humanities (SWEE) <sup>060</sup>	3	
HST176 US History to 1865 <b>or</b> HST177 US History 1865 to Present (SWEE) <sup>060</sup>	3		Institutional Option (SWEE) <sup>070</sup>	3	
Physical Science (SWEE) <sup>040</sup>	3-5	Lab not required but recommended	*Teacher Education Course	3	
*Teacher Education Course	3		Education Free Elective	3	
Creative Expressions Course	3		Open Elective – must be a Systemwide Transfer Course	1	
<b>TOTAL</b>	<b>15-17</b>		<b>TOTAL</b>	<b>15</b>	

**DEGREE TOTAL: 60**

**Open elective (1 ) include non-required courses from other disciplines or the student's area of study. Must be a Systemwide Transfer Course [https://www.kansasregents.org/academic\\_affairs/transfer-articulation](https://www.kansasregents.org/academic_affairs/transfer-articulation)**

**\*Teacher Education Courses 15 hrs required from the specific courses listed below.**

<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
EDU177 Intro to Education	3	Fall	PSY132 Developmental Psych	3	Fall or spring (cannot be taken as a Social Science)
EDU277 Children's Literature	3	Spring	EDU278 Exceptional Children	3	Spring
EDU203 Technology for Teachers	3	Spring			

**Creative Expressions Courses 3 hrs required from the specific courses listed below**

3

ART 133 Art for Elementary Classroom Teachers	3	Fall	EDU139 Children's Health & Movement	3	Spring
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**Education Free Elective Course 3 hrs  
Any Education Course that has not been used to meet other requirements (listed below)**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
EDU139 Children's Health & Movement	3	Spring	ART133 Art for Elementary Classroom Teachers	3	Fall

**Life Science Courses 4-5 hours (with lab)<sup>040</sup>**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
BIO121 Environmental Science & BIO122 Environmental Science Lab	3 2		BIO165 Microbiology	5	
BIO123 Environmental Science	4	Fall	BIO276 Anatomy & Physiology I	4	
BIO125 General Biology	5		BIO277 Anatomy & Physiology II	4	
BIO160 Biology II	5	Spring	BIO278 Anatomy & Physiology	5	

**Physical Sciences/Physics Courses 3-5 hrs<sup>040</sup>  
Lab not required but is recommended**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
CHM176 Fundamentals of Chemistry	5		PHS252 General Physics II	5	
CHM186 General Chemistry I	5		PSC105 Introduction to Meteorology	5	
CHM187 General Chemistry II & Qualitative Analysis	5		PSC175 Introduction to Geology	4	
PHS251 General Physics I	5		PSC176 Physical Science	5	
			PSC177 Introduction to Geology	5	

**Social & Behavioral Sciences<sup>050</sup> 6 hrs  
At least 2 courses listed below from 2 different subject areas**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
BUS276 Macroeconomics	3	Fall	SOC176 Intro to Sociology	3	
BUS277 Microeconomics	3	Spring	SOC177 Juvenile Delinquency	3	
POS132 State & Local Government & Politics	3	Spring	SOC178 Human Relations	3	Spring
PSY176 General Psychology	3		SOC182 Sociology of Families	3	Spring
PSY201 Child Psychology	3	Fall	SOC233 Social Problems	3	
SOC132 Multicultural Studies	3	Spring	SSC176 World & Regional Geography	3	
SOC138 Perspectives in Sexuality	3	Fall	SSC177 Cultural Anthropology	3	

**Arts & Humanities<sup>060</sup> 6 hrs  
HST176 US History to 1865 or HST177 US History 1865 to Present plus any course listed below**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ART139 Art Appreciation	3		LIT202 American Literature I	3	
ART176 Survey of Art History I	3		LIT203 American Literature II	3	
ART177 Survey of Art History II	3		LIT232 English Literature-1800 to Present	3	
DRM131 Theatre Appreciation	3	Fall	LIT237 Literature for Adolescents	3	
LIT176 World Literature	3		LIT255 Literature for Adolescents	3	
LIT177 Modern World Literature	3		MUS176 Introduction to Music	3	
LIT182 Young Adult Literature	3	Fall			

**Institutional Options<sup>070</sup> 6 hrs**

**Must take two of these three:**

**1) POS176 American Government, 2) SOC132 Multicultural Studies, 3) One course from the following that has not otherwise been used:**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ART139 Art Appreciation	3		LIT203 American Literature II	3	

ART176 Survey of Art History I	3		LIT232 English Literature 1800 to Present	3	
ART177 Survey of Art History II	3		LIT237 Introduction to Literature	3	
BIO121 Environmental Science	3		LIT255 Literature for Adolescents	3	
BIO122 Environmental Science Lab	2		MTH178 College Algebra	3	
BIO123 Environmental Science	4		MTH181 Elementary Statistics	3	
BIO125 General Biology	5		MUS176 Introduction to Music	3	
BIO165 Microbiology	5		POS132 State & Local Government & Politics	3	
BIO165 Microbiology	5		POS176 American Government	3	
BIO276 Anatomy & Physiology I	4		PSY176 American Government	3	
BIO277 Anatomy & Physiology II	4		PSY201 Child Psychology	3	
BIO278 Anatomy & Physiology	5		SOC132 Multicultural Studies	3	
BUS276 Principles of Macroeconomics	3		SOC138 Perspectives in Human Sexuality	3	
BUS277 Principles of Microeconomics	3		SOC176 Introduction to Sociology	3	
COM276 Public Speaking	3		SOC177 Juvenile Delinquency	3	
DRM131 Theatre Appreciation	3		SOC178 Human Relations	3	
HST176 American History to 1865	3		SOC182 Sociology of Families	3	
HST177 American History 1865 to Present	3		SOC233 Social Problems	3	
LIT176 World Literature	3		SSC176 World & Regional Geography	3	
LIT177 Modern World Literature	3		SSC177 Cultural Anthropology	3	
LIT182 Young Adult Literature	3				
LIT202 American Literature II	3				

Elementary Education Systemwide Transfer Key	
010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutional Option
040 Natural & Physical Sciences (includes both Life Sciences and Physical Sciences)	

Effective Fall 2024

## Associate of Applied Science Academic Degree Map Farm & Ranch Management 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. Students must take 3 hours from courses approved as "AAS Institutionally Designated" (listed in the AAS degree requirements). Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG135 Writing for the Workplace or ENG176 English Comp I	3		MTH126 Tech Math or higher	3	
AAS Institutionally Designated	3	AGR185 Ag Computers preferred	*AGR232 Marketing Ag Products or AGR231 Intro to Ag Business	3	
*Agronomy Area of Study Elective	3-4	AGR131 or AGR133 or AG136 or AGR241)	*Area of Study	9-10	
*Area of Study	7				
<b>TOTAL</b>	<b>16-17</b>		<b>TOTAL</b>	<b>15-16</b>	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Arts & Humanities or Social & Behavioral Science Elective	3		*Area of Study	15	
COM106 or COM130 or COM131 or COM276	3				
*Area of Study	10				
<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15</b>	
<b>DEGREE TOTAL: 64</b>					

**\*Area of Study Courses 35-36 hrs. from the following list of courses:**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ACC111 Intro to Accounting	3		AGR221 Occup Work Experience I	4	
ACC177 Accounting I	3		AGR225 Occup Work Experience	2	
ACC178 Accounting II	3		AGR226 Occup Work Experience II	2	
ACC231 Computerized Accounting	3		AGR231 Intro to Agribusiness	3	
ACC232 Managerial Accounting	3		AGR232 Marketing Ag Products	3	
AGR102 Horse Care & Training	2		AGR239 Fund. of Animal Nutrition	3	
AGR109 Crop Pest Control	2		AGR241 Range Management	3	
AGR115 Horsemanship	2		AGR242 Beef Cattle Production	3	
AGR128 Plant & Seed Identification	1		AGR245 Elements of Meats	3	
AGR129 Crop Scout Training	3		AGR253 Feedlot Operations	3	
AGR131 Plant Science	4		AGR254 Farm, Home, & Ranch Repair I	3	
AGR132 Animal Science	3		AGR264 Farm, Home, & Ranch Repair II	3	
AGR133 Crop Production	3		APT101 Welding I	2	
AGR134 Livestock Production	3		APT123 Occup Work Experience	3	
AGR136 Soils	4		APT124 Occup Work Experience	3	
AGR138 Livestock Selection	2		APT125 Outdoor Power Equipment	3	
AGR142 Ag in Our Society	1		APT127 Tractor & Auto A/C Repair	3	
AGR176 Horse Production	3		APT129 Applied Electricity/Electronics	3	

AGR221 Occup Work Experience	2		APT138 Appl. Hydraulics & Pneumatics	3	
APT141 Fundamentals of Engines	3		BUS249 Medical Terminology	3	
APT146 Diesel Electrical Systems	1		CSC201 Web Page Design	3	
APT215 Material Handling & Plant Layout	1	Forklift Class	INT107 CompTIA A+ Essentials	3	
APT223 Occup Work Experience III	3		INT109 Intro to Network Technology	3	
APT244 Occup Work Experience IV	3		INT155 Server Administration I	3	
APT226 Tractor Maint. & Repair	2		INT160 Occup Work Experience I	1	
APT244 Agriculture Power Trains	3		INT161 Occup Work Experience II	1	
APT246 Ag Machinery Operation	3		IINT206 CompTIA A+ Practical App.	3	
APT247 Electrical Accessories Diagnosis & Repair	3		INT209 Network System Technology	3	
APT248 Diesel Fuel Systems	3		INT218 Intro to Computer Programming	3	
BUS150 Advertising	3		INT230 Linux Operating System	3	
BUS178 Intro to Business	3		INT238 Adv. Visual Basic Programming	3	
BUS201 Web Page Design	3		INT240 CompTIA Security+	3	
BUS221 Human Resource Manage.	3		INT250 CompTIA Cloud+	3	
BUS233 Business Law	3		INT255 Server Administration II	3	
BUS234 Marketing	3		WLD110 Material Handling & Plant Layout	1	Forklift Class
BUS237 Business Management	3		WLD136 Welding Safety & OSHA 10	1	

Effective Fall 2024

# Occupational Certificate Academic Degree Map

## Farm & Ranch Management 2024-2025

(Crop Applicator, Agronomy, Animal Science, Agribusiness)

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. Students must take 3 hours from courses approved as "AAS Institutionally Designated" (listed in the AAS degree requirements). Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG135 Writing for the Workplace or higher	3		MTH126 Tech Math or higher	3	
AAS Institutionally Designated	3	AGR185 Ag Computers preferred	*Area of Study	15	
*Area of Study	10				
TOTAL	16		TOTAL	18	
<b>DEGREE TOTAL: 34</b>					

**\*Area of Study Courses 25 hrs from the following list of courses. Consult with advisor regarding courses in the different areas of emphasis.**

<u>Agronomy</u>	<u>Animal &amp; Food Science</u>	<u>Agribusiness</u>	
AGR109 Crop Pest Control (2) AGR128 Plant & Seed Identification (1) AGR129 Crop Scout Training (3) AGR131 Plant Science (4) AGR133 Crop Production (3) AGR136 Soils (4) AGR241 Range Management (3)	AGR102 Horse Care & Training (2) AGR115 Horsemanship (2) AGR132 Animal Science (3) AGR134 Livestock Production (3) AGR138 Livestock Selection (3) AGR176 Horse Production (3) AGR215 Princ of Food Science/Food Systems (3) AGR239 Fundamentals Animal Nutrition (3) AGR242 Beef Cattle Production (3) AGR245 Elements of Meat (2) AGR253 Feedlot Operations (3)	AGR231 Intro to Agribusiness (3) AGR232 Marketing Ag Products (3) ACC111 Intro to Accounting (3) ACC177 Accounting I (3) ACC178 Accounting II (3) ACC231 Computerized Accounting (3) ACC232 Managerial Accounting (3) BUS150 Advertising (3) BUS178 Intro to Business (3) BUS201 Web Page Design (3) BUS202 Advanced Web Page Design (3) BUS221 Human Resource Management (3)	BUS233 Business Law (3) BUS234 Marketing (3) BUS237 Business Management (3) BUS249 Medical Terminology (3) CSC201 Web Page Design (3) INT107 CompTIA A+ Essentials (3) INT109 Intro to Network Technology (3) INT155 Server Administration I (3) INT238 Advanced Visual Basic Programming (3) INT250 CompTIA Cloud + (3) INT255 Server Administration II (3)
<u>Crop Applicator</u>		<u>Miscellaneous</u>	
AGR128 Plant & Seed I.D. (1) AGR131 Plant Science (4) APT246 Ag. Machinery Operation (3) <b>or</b> APT141 Fund. of Engines (3) AGR109 Crop Pest Control (2) AGR129 Crop Scout Training (3) AGR133 Crop Production (3)	AGR136 Soils (4) AGR221 Occup. Work Experience I (4) <b>or</b> AGR 225 Occup. Work Experience I (2) <b>or</b> AGR226 Occup. Work Experience II (2) <b>or</b> AGR232 Marketing Ag Products (3)	AGR142 Ag in Our Society (1) AGR221-226 Occ Work Experience (2-6) AGR254 Farm, Home, & Ranch Repair I (3) AGR264 Farm, Home, & Ranch Repair II (3)	WLD136 Industrial Safety & OSHA 10 (1) Any APT or INT (other than INT165-170)

# Associate of Arts Academic Degree Map

## Humanities 2024-2025

### Areas of Emphasis in Art, English/Literature, History

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 + ENG176), (MTH056 + MTH176), (MTH078 + MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	Prerequisite: ENG176 w/ C or higher
MTH176 Contemporary Math or higher (SGE) <sup>030</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		Social & Behavioral Science (SGE) <sup>050</sup>	3	
*Area of Study	3		*Area of Study	3	
Open Electives	4		Open Electives	4	
TOTAL	16		TOTAL	16	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Natural & Physical Sciences (SGE) <sup>040</sup>	4-5		Institutionally Designated (SGE) <sup>070</sup>	3	
Communication (SGE) <sup>020</sup>	3		Arts & Humanities (SGE) <sup>060</sup>	3	
Social & Behavioral Science (SGE) <sup>050</sup>	3		*Area of Study	3	
*Area of Study	3		Open Electives	7	
Open Electives	2-3				
TOTAL	16		TOTAL	16	
<b>DEGREE TOTAL: 64</b>					
<b>Open electives (17-18 hrs) include non-required courses from other disciplines or the student's area of study.</b>					

**\*Area of Study Courses of 12 hours from the specific courses listed on next page based on Area of Emphasis.**

#### Systemwide General Education (SGE) Key

010 English

020 Communications

030 Math & Statistics

040 Natural & Physical Sciences

050 Social & Behavioral Sciences

060 Arts & Humanities

070 Institutionally Designated

**HUMANITIES: RECOMMENDED or REQUIRED COURSES PER AREA OF EMPHASIS**

<b>Art Emphasis Courses</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
ART131 Drawing	3		ART228 Adv. Digital Photograph	3	Prerequisite: ART128
ART134 2D Design	3		ART191 Projects in Art	1	
ART132 Painting	3		ART135 Graphic Design Processes	3	
ART235 Visual Media Design	3		ART141 Ceramics I	3	
ART180 Adobe Photoshop	1		ART243 Ceramics II	3	Prerequisite: ART141
ART182 Adobe Illustrator	1		ART265 Visual Art Portfolio Develop	3	
ART128 Digital Photography	3		ART133 Art for Elementary Classroom Teachers	3	
ART176 Survey of Art History I	3		HST177 Survey of Art History II	3	
ART187 Adobe Microcomputer Apps	3		ART191 Projects in Art	1	

<b>English/Literature Emphasis Courses</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
ENG238 Creative Writing	3		LIT182 Young Adult Literature	3	
LIT237 Introduction to Literature	3		LIT203 American Literature II	3	
LIT176 World Literature	3		LIT202 American Literature I	2	
LIT177 Modern World Lit	3				

<b>History Emphasis Courses</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
HST176 American History to 1865	3		HST131 Survey of Civilization I	3	
HST177 American History 1865 - Present	3		HST132 Survey of Civilization II	3	
HST201 American Military History	3		HST178 History of Civil Rights Movement	3	



## Associate of Applied Science Academic Degree Map Information Network Technology 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The courses approved for the AAS Institutionally Designated options are listed in the AAS degree requirements. Students must take 3 hours from this list of courses. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 +MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
*INT107 A+ Essentials	3		*INT206 A+ Pract Applica	3	
*INT109 Intro to Network	3		*INT209 Network Sys	3	INT109 Recommended
*INT105 Intro Game Theory	3		*INT238 Adv Visual Basic	3	
*INT218 Intro Programming	3		*INT Area of Study	3	
ENG135 Writing for the Workplace or Eng176 English Comp I	3		COM106 or COM130 or COM131, or COM276	3	
			AAS Institutionally Designated Course(s)	3	
<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>18</b>	
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
*INT240 Security+	3		*INT155 Server Admin I	3	
*INT Area of Study Option	3		*INT255 Server Admin II	3	
*INT Area of Study Option	3		*INT230 Linux OS	3	
*BUS201 Web Design	3		*INT250 Cloud+	3	
MTH126 Tech Math or higher	3		*INT Area of Study Option	2	
Social & Behavioral Sciences or Arts & Humanities	3				
<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>14</b>	
<b>DEGREE TOTAL: 65</b>					
<b>*Area of Study Courses <u>11</u> hrs required from the following:</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
BUS234 Marketing	3		BUS178 Intro to Business	3	
BUS233 Business Law	3		INT160 Occup Work Experience I	1	
BUS150 Advertising	3		INT161 Occup Work Experience II	1	
BUS218 Business Ethics	3				

# Associate of Science Academic Degree Map Information Network Technology 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
*INT107 A+ Essentials	3		*INT206 A+ Pract Appl	3	
MTH178 or higher (SGE) <sup>030</sup>	3		Natural & Physical Sciences (SGE) <sup>040</sup>	4-5	
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		ENG177 Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
Institutionally Designated (SGE) <sup>070</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
*Area of Study	3		Arts & Humanities(SGE) <sup>060</sup>	3	
TOTAL	15		TOTAL	16-17	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
*INT109 Intro Network Tech	3		*INT209 Network System Tech	3	INT109 Recommended
*INT240 Security+ Communications (SGE) <sup>020</sup>	3		Social & Behavioral Sciences (SGE) <sup>050</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		*Area of Study	3	
Social & Behavioral Sciences (SGE) <sup>050</sup>	3		Open Elective	5-6	
Open Elective	3				
TOTAL	18		TOTAL	14-15	
<b>DEGREE TOTAL: 64</b>					
<b>Open electives (8-9 hrs) include non-required courses from other disciplines or the student's area of study.</b>					

**\*Area of Study 6 hrs required from the specific courses listed below.**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
INT250 CompTIA Cloud+	3		INT230 Linux Operating System	3	
INT255 Server Administration II	3		INT238 Adv. Visual Basic Programming	3	
INT160 Occup Work Exp I	1		INT161 Occup Work Exp II	1	
INT101 Intro to Info Tech	3		BUS201/CSC201 Web Page Design	3	
INT105 Intro to Game Theory	3		BUS150 Advertising	3	
INT155 Server Administration I	3		BUS233 Business Law	3	
INT218 Intro to Computer Programming	3		BUS234 Marketing	3	

### Systemwide General Education (SGE) Key

010 English

020 Communications

030 Math & Statistics

040 Natural & Physical Sciences

050 Social & Behavioral Sciences

060 Arts & Humanities

070 Institutionally Designated

## Associate of Arts Degree Map Liberal Arts 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3	Placement scores required; may require a support course	ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
MTH176 Contemporary Math or higher (SGE) <sup>030</sup>	3	May require a support course	Institutionally Designated (SGE) <sup>070</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		Social & Behavioral Science (SGE) <sup>050</sup>	3	
*Area of Study			*Area of Study		
Open Electives	7		Open Electives	7	
TOTAL	16		TOTAL	16	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Communications (SGE) <sup>020</sup>	3		Arts & Humanities (SGE) <sup>060</sup>	3	
Social & Behavioral Science (SGE) <sup>050</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Natural & Physical Science (SGE) <sup>040</sup>	4-5		Open Electives	10	
*Area of Study			*Area of Study		
Open Elective	5-6				
TOTAL	16		TOTAL	16	
<b>DEGREE TOTAL: 64</b>					
<b>Open electives include non-required courses from other disciplines or the student's area of study.</b>					
<b>*Area of Study Courses:</b>					
<b>A minimum of 9 hrs required from a single discipline outside of the sytemwide general education (SWG) courses.</b>					

### Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	

## Certificate Academic Degree Map Patient Care Technician 2024-2025

The Patient Care Technician program is designed to train individuals to provide direct patient care and support in various healthcare settings. Patient Care Technicians play a crucial role in assisting healthcare professionals, delivering quality patient care, and ensuring the well-being of patients. The class format will include online content that will cover essential concepts and skills, hands on training through labs that include practical demonstrations, simulations, and supervised practice to develop clinical skills and competency, and clinical rotations in healthcare facilities to gain real-world experience and apply learned skills under supervision. Upon completion of the program, students will be eligible to pursue certification as a Certified Patient Care Technician (CPCT), a Certified Nursing Assistant (CNA), a Certified Phlebotomy Technician (CPT), and a Certified EKG Technician (CET) to enhance their job prospects and credibility in the healthcare field.

1 <sup>st</sup> Semester	Notes
HOC101 Nurse Aide (5 cr)	
HOC174 Principles of Phlebotomy (4 cr)	
HOC175 Phlebotomy Clinical Practicum (1 cr)	Must be 18 to take certification exam
HOC176 EKG Technician (4 cr)	Must be 18 to take certification exam

## Associate of Science Academic Degree Map Pre-Law 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
Communication (SGE) <sup>020</sup>	3		MTH178 or higher (SGE) <sup>020</sup>	3	
Institutionally Designated (SGE) <sup>070</sup>	3		Social & Behavioral Science (SGE) <sup>050</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		*Area of Study	3	
*Area of Study	3		Open Electives	3	
Open Electives	3				
TOTAL	18		TOTAL	15	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Natural & Physical Sciences (SGE) <sup>040</sup>	4-5		Institutionally Designated (SGE) <sup>070</sup>	3	
Social & Behavioral Science (SGE) <sup>050</sup>	3		Arts & Humanities (SGE) <sup>060</sup>	3	
*Area of Study	3		*Area of Study	3	
Open Electives	6		Open Electives	6	
TOTAL	16-17		TOTAL	15	

**DEGREE TOTAL: 64**

**Open electives (18 hrs) include non-required courses from other disciplines or the student's area of study.**

**\*Area of Study Courses 12 hrs required from the specific courses listed below:**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
POS176 American Government	3		HST176 Amer Hist. to 1865	3	
POS132 State and Local Government	3		HST177 Amer Hist. to Present	3	
Any SOC course	3-6		PSY176 Gen Psychology	3	

### Systemwide General Education (SGE) Key

010 English

020 Communications

030 Math & Statistics

040 Natural & Physical Sciences

050 Social & Behavioral Sciences

060 Arts & Humanities

070 Institutionally Designated

# Associate of Science Academic Degree Map

## Secondary Education 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled “Systemwide General Education Program” on the page following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

<b>Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
ENG176 Eng Comp I (SGE) <sup>010</sup>	3	Placement scores required; may require a support course	ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
MTH176 Contemporary Math or higher (SGE) <sup>030</sup>	3	Placement scores required; may require a support course	Natural/Physical Science (SGE) <sup>040</sup>	4-5	
Arts/Humanities (SGE) <sup>060</sup>	3		Social/Behavioral Science course <sup>050</sup>	3	
*Area of Study	3		*Area of Study	3	
Open Electives	4		Open Electives	2-3	
<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15-17</b>	
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
Communications (SGE) <sup>020</sup>	3		Arts/Humanities (SGE) <sup>060</sup>	3	
Institutionally Designated (SGE) <sup>070</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Social & Behavioral Science (SGE) <sup>050</sup>	3		*Area of Study	3	
*Area of Study	3		Open Electives	6-8	
Open Electives	4				
<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15-17</b>	
<b>DEGREE TOTAL: 64</b>					
<b>Open electives (17-18 hrs) include non-required courses from other disciplines or the student’s area of study.</b>					

**\*Area of Study Courses 12 hrs required from the specific courses listed below.**

<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
EDU177 Introduction to Education	3	Required	EDU278 Exceptional Children	3	Recommended
Course(s) in chosen teaching discipline (see advisor)	3-9	Required (Course prefixes of AGR, ART, BIO, BUS, COM, ENG/LIT, HST, MTH, etc.)	MTH181 Elementary Statistics	3	Recommended
<b>Systemwide General Education (SGE) Key</b>					
010 English		050 Social & Behavioral Sciences			
020 Communications		060 Arts & Humanities			
030 Math & Statistics		070 Institutionally Designated			
040 Natural & Physical Sciences					

# Associate of Science Academic Degree Map

## Social & Behavioral Sciences 2024-2025

### Psychology or Social Work

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SWG) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
Communications (SGE) <sup>020</sup>	3		MTH178, College Algebra / MTH181, Statistics (SGE) <sup>030</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Social & Behavioral Science (SGE) <sup>050</sup>	3		*Area of Study	3	
*Area of Study	3		Open Electives	3-6	
<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15-18</b>	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Natural & Physical Science (SGE) <sup>040</sup>	4-5		Arts & Humanities (SGE) <sup>060</sup>	3	
Social & Behavioral Science (SGE) <sup>050</sup>	3		*Area of Study	3	
*Area of Study	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Open Electives	5-6		Open Electives	6-9	
<b>TOTAL</b>	<b>15-17</b>		<b>TOTAL</b>	<b>15-18</b>	
<b>DEGREE TOTAL: 64</b>					

**Open electives ( a minimum of 14 hrs) include non-required courses from other disciplines or the student's area of study.**

**\*Area of Study Courses 12 hrs required from the specific courses listed below. See next page for recommended courses based on the area of emphasis.**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
PSY132 Developmental Psych	3		SOC123 Criminology	3	
PSY176 General Psychology	3		SOC 178/BUS177 Human Relations	3	
PSY201 Child Psych	3		SOC177 Juvenile Delinquency	3	
PSY110 Preventing Drug Abuse	3		SSC161 Intro Law Enforcement	3	
SOC176 Intro to Sociology	3		SSC177 Cultural Anthropology	3	
SOC182 Sociology of Families	3		SSC212 Intro to Corrections	3	
SOC233 Social Problems	3		POS132 State & Local Gov & Politics	3	
SOC132 Multicultural Study	3		POS176 American Government	3	

**Systemwide General Education (SGE) Key**

- |                                 |                                  |
|---------------------------------|----------------------------------|
| 010 English                     | 050 Social & Behavioral Sciences |
| 020 Communications              | 060 Arts & Humanities            |
| 030 Math & Statistics           | 070 Institutionally Designated   |
| 040 Natural & Physical Sciences |                                  |

**SOCIAL & BEHAVIORAL SCIENCES: RECOMMENDED COURSES PER AREA OF EMPHASIS**

<b>Psychology Emphasis Courses</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
PSY132 Developmental Psychology	3		PSY110 Preventing Drug Abuse	3	
PSY176 General Psychology	3		SOC176 Intro to Sociology	3	
PSY201 Child Psychology	3		SOC233 Social Problems	3	

<b>Social Work Emphasis Courses</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
SOC176 Intro to Sociology	3		SOC177 Juvenile Delinquency	3	
SOC182 Sociology of Families	3		SOC123 Criminology	3	
SOC233 Social Problems	3		SOC178 Human Relations	3	
SOC132 Multicultural Studies	3				



# Associate of Science Academic Degree Map

## Sport Sciences 2024-2025

### Sports Administration, Coaching, Physical Education, Personal Trainer, Sports Performance & Wellness

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
MTH178 College Algebra or higher (SGE) <sup>030</sup>	3		Arts & Humanities (SGE) <sup>060</sup>	3	
Social & Behavioral Sciences (SGE) <sup>050</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
*Area of Study	3		*Area of Study	3	
Open Electives	3		Open Electives	3	
TOTAL	15		TOTAL	15	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Natural & Physical Science (SGE) <sup>040</sup>	4-5		Social & Behavioral Sciences(SGE) <sup>050</sup>	3	
Communications (SGE) <sup>020</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		*Area of Study	3	
*Area of Study	3		*Area of Study	3	
Open Electives	2-3		Open Electives	6	
TOTAL	16-17		TOTAL	18	
<b>DEGREE TOTAL: 64</b>					
<b>Open electives (14-15 hrs) include non-required courses from other disciplines or the student's area of study.</b>					

**\*Area of Study 15 hrs required from the specific courses listed below.**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
HPR231 First Aid/Safety	3		HPR161/BIO101 Nutrition	3	
HPR135 Intro Health/PE	3		HPR125 Psychology of Sport	3	
HPR292 Care/Prev Sport Inj.	3		HPR105 Fund Coaching	3	
HPR130 Intro Sport Admin	3		HPR123 Concepts of Apps of Exercise Science	3	
HPR224 Exercise Techniques	3				

#### Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	

# Associate of Science Academic Degree Map Template

## STEM 2024-2025

**Biology, Math, Chemistry, Pre-Engineering, Pre-Nursing, Pre-Health Professional (Pre-Med, Pre-Dentistry, Pre-Pharmacy, Pre-Optometry, Pre-Vet, Physical Therapy): see advisor for recommended courses.**

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Co-requisite Course (if needed, must be taken with college level required course)</b>		
(ENGXXX +ENG176), (MTHXXX +MTH178), (MTHXXX + MTH181)		
ENGXXX	Support for English Composition I	X cr hrs
MTHXXX	Support for College Algebra	X cr hrs
MTHXXX	Support for Elementary Statistics	X cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG176 Eng Comp I (SGE) <sup>010</sup>	3		ENG177 Eng Comp II (SGE) <sup>010</sup>	3	ENG176 w/ C or higher
MTH178 or higher (SGE) <sup>030</sup>	3	Excluding MTH181	Communication (SGE) <sup>020</sup>	3	
Natural & Physical Sciences (SGE) <sup>040</sup>	4-5	Must include lab	Social & Behavioral Sciences (SGE) <sup>050</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		*Area of Study	3	
Open Electives	3-4		Open Electives	4	
<b>TOTAL</b>	<b>16-17</b>		<b>TOTAL</b>	<b>16</b>	
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
*Area of Study	4-5		*Area of Study	3	
Arts & Humanities (SGE) <sup>060</sup>	3		Social & Behavioral Sciences (SGE) <sup>050</sup>	3	
Institutionally Designated (SGE) <sup>070</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Open Electives	5		Open Electives	7	
<b>TOTAL</b>	<b>15-16</b>		<b>TOTAL</b>	<b>16</b>	

**DEGREE TOTAL: 64**

**Open electives(19-20 hrs) include non-required courses from other disciplines or the student's area of study.**

**\*Area of Study Courses 10 hrs required from the specific courses listed below:**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
CHM186 Gen Chem I	5	Concurrent/Completed Col Alg <b>Fall Only</b>	CHM187 Gen Chem II	5	CHM186 "C" or higher <b>Spring Only</b>
PHS251 Gen Physics 1	5	Completed Col Alg <b>Fall Only</b>	PHS252 Gen Physics II	5	PHS251 "C" or higher <b>Spring Only</b>
MTH191 Anal Geom & Calculus I	5	Col Alg "C" or higher <b>Fall Only</b>	MTH183 Trigonometry	3	Col Alg "C" or higher/placement <b>Spring Only</b>
PHS261 Engineering Physics I	5	Concurrent w MTH191 <b>Fall Only</b>	MTH193 Anal Geom & Calculus II	5	MTH191 "C" or higher <b>Spring Only</b>
BIO123 Environmental Science <b>or</b> BIO121 & 122 Environmental Science & Lab	4 3 & 2	<b>Fall Only</b> Online only	PHS262 Engineering Physics II	5	PHS261 "C" or higher <b>Spring Only</b>
CHM176 Fund. Of Chemistry	5		BIO160 Biology II	5	BIO125 "C" or higher <b>Spring Only</b>
MTH181 Elem. Statistics	3		Any PSC course w/ Lab	4/5	
BIO125 Gen Biology	5				

**Systemwide General Education (SGE) Key**

010 English

020 Communications

030 Math &amp; Statistics

040 Natural &amp; Physical Sciences

050 Social &amp; Behavioral Sciences

060 Arts &amp; Humanities

070 Institutionally Designated

**STEM: RECOMMENDED COURSES PER OPTIONAL AREA OF EMPHASIS:****Pre-Engineering Recommended Courses**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
<b>Fall Semester</b>			<b>Spring Semester</b>		
CHM186	5	1 <sup>st</sup> Semester	CHM187	5	2 <sup>nd</sup> Semester
PHS261	5	3 <sup>rd</sup> Semester	MTH183	3	2 <sup>nd</sup> Semester
MTH191	5	3 <sup>rd</sup> Semester	PHS262	3	4 <sup>th</sup> Semester
			MTH193	5	4 <sup>th</sup> Semester

**Pre-Chemistry Recommended Courses**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
<b>Fall Semester</b>			<b>Spring Semester</b>		
CHM186	5	1 <sup>st</sup> Semester	CHM187	5	2 <sup>nd</sup> Semester
PHS251 or PHS261	5	3 <sup>rd</sup> Semester	PHS252 or PHS262	5	4 <sup>th</sup> Semester
MTH191	5				

**Math Recommended Courses**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
MTH181	3		MTH191	5	MTH177/178 "C" or Higher

**Biology Recommended Courses**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
BIO125	5		BIO160	5	
CHM186	5		CHM187	5	
PHS251	5		PHS252	5	
BIO165	5				

**Pre-Nursing Recommended Courses**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
PSY132	3		SOC176	3	
PSY176	3		MTH178	3	
BIO165	5		HPR161/BIO101	3	
BIO276 & BIO277 or BIO278	4-8 5		CHM176	5	
BIO290	4		MTH181	3	
BUS249	3				

**Pre-Health Professional: Recommended Courses****Pre-Medicine, Pre-Pharmacy, Pre-Optometry, Pre-Veterinary, Pre-Dentistry, Physical Therapy**

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
<b>Fall Semester</b>			<b>Spring Semester</b>		
CHM186	5	1 <sup>st</sup> Semester	CHM187	5	2 <sup>nd</sup> Semester
PHS251	5	3 <sup>rd</sup> Semester	PHS252	5	4 <sup>th</sup> Semester
BIO125	5		BIO165	5	
MTH181	3		MTH183	3	
AGR132	3	For pre-vet	AGR142	3	For pre-vet

## Associate of Applied Science Academic Degree Map Welding Technology 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The courses approved for the AAS Institutionally Designated options are listed in the AAS degree requirements. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH056 +MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>ND</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
ENG135 Writing for the Workplace or ENG176 English Comp I	3		Social & Behavioral Sciences or Arts & Humanities	3	
AAS Institutionally Designated	3		MTH126 Technical Math or higher	3	
WLD136 Industrial Safety and OSHA 10	1		WLD204 Shielded Metal Arc Welding II	3	WLD104 prereq
WLD104 Shielded Metal Arc Welding I	3		WLD181 Welding Metallurgy	2	
WLD112 Oxy-Acetylene Welding & Cutting Processes	3		WLD114 Gas Metal Arc Welding I	3	
WLD110 Material Handling & Plant Layout	1		WLD111 Blueprint Reading & Welding Symbols	2	
<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>	
<b>3<sup>rd</sup> SEMESTER</b>			<b>4<sup>th</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
COM106 or COM130 or COM131 or COM276	3		WLD215 Gas Tungsten Arc Welding II	3	WLD115 prereq
WLD214 Gas Metal Arc Welding II	3	WLD114 prereq	WLD231 Pipe Welding II	3	WLD131 prereq
WLD115 Gas Tungsten Arc Welding I	3		WLD231 Design & Fabrication or WLD200 Welding Internship	5	WLD132 Prereq
WLD131 Pipe Welding I	3		WLD234 Robotic Welding	2	
WLD132 Design & Fabrication I	3		WLD235 Specialty Welding Processes	2	
<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>	
<b>DEGREE TOTAL:</b>					<b>60</b>

Effective Fall 2024

## Occupational Certificate Academic Degree Map

### Welding Level I Certificate 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. Students must take 3 hours from courses approved as "AAS Institutionally Designated" (listed in the AAS degree requirements). Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

<b>1<sup>ST</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
WLD136 Industrial Safety and OSHA 10	1	
WLD112 Oxy-Acetylene Welding & Cutting Processes	3	
WLD111 Blueprint Reading & Welding Symbols	2	
WLD110 Material Handling & Plant Layout	1	
<b>TOTAL</b>	<b>7</b>	

*Area of Study: A minimum of <b>12</b> hrs must be taken from the courses listed below (in prerequisite order)					
<b>SMAW</b>	<b>Hrs</b>	<b>GMAW</b>	<b>Hrs</b>	<b>GTAW</b>	<b>Hrs</b>
WLD104 Shielded Metal Arc Welding I	3	WLD114 Gas Metal Arc Welding I	3	WLD115 Gas Tungsten Arc Welding I	3
WLD204 Shielded Metal Arc Welding II	3	WLD214 Gas Metal Arc Welding II	3	WLD215 Gas Tungsten Arc Welding II	3
<b>Certificate Total:</b>					<b>19</b>

Effective Fall 2024

## Occupational Certificate Academic Degree Map

### Welding Level II Certificate 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(ENG098 +ENG176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG135 Writing for the Workplace or ENG176 English Composition I	3		MTH126 Technical Math or higher	3	
WLD136 Industrial Safety and OSHA 10	1		WLD204 Shielded Metal Arc Welding II	3	WLD104 prereq
WLD104 Shielded Metal Arc Welding I	3		WLD114 Gas Metal Arc Welding I	3	
WLD112 Oxy-Acetylene Welding & Cutting Processes	3		WLD111 Blueprint Reading & Welding Symbols	2	
WLD110 Material Handling & Plant Layout	1		WLD214 Gas Metal Arc Welding II	3	WLD114 prereq
WLD115 Gas Tungsten Arc Welding I	3				
TOTAL	14		TOTAL	14	
<b>3rd SEMESTER</b>					
Course	Hrs	Milestones/Notes			
COM106 or COM130 or COM131 or COM276	3				
WLD131 Pipe Welding I	3				
WLD215 Gas Tungsten Arc Welding II	3	CBA only; WLD115 is a prereq			
TOTAL	9				
<b>CERTIFICATE TOTAL: 37</b>					

Effective Fall 2024

# Associate of Science Academic Degree Map

## Wildlife Outfitting and Operations 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. The specific required math course depends on the area of study. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep students on track to graduate in two years. Missing milestones could delay program completion. Students should consult with their advisor for more information.

Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 + MTH176), MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 <sup>ST</sup> SEMESTER			2 <sup>ND</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
*WOO280 Waterfowl Management	3		*WOO281 Upland Game & Turkey	3	
MTH178 or higher (SGE) <sup>030</sup>	3		BIO125 General Biology (SGE) <sup>040</sup>	5	
Social & Behavioral Science (SGE) <sup>050</sup>	3		ENG176 Eng Comp I (SGE) <sup>010</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		Other Electives	5	
Other Electives	3				
TOTAL	15		TOTAL	16	
3 <sup>rd</sup> SEMESTER			4 <sup>th</sup> SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
*WOO282 Deer Management	3		*WOO283 Freshwater Fish Management	3	
ENG177 Eng Comp II (SGE) <sup>010</sup>	3		Social & Behavioral Science (SGE) <sup>050</sup>	3	
Arts & Humanities (SGE) <sup>060</sup>	3		Institutionally Designated (SGE) <sup>070</sup>	3	
Communication (SGE) <sup>020</sup>	3		Open Electives	6	
Institutionally Designated (SGE) <sup>070</sup>	3				
Open Electives	3				
TOTAL	18		TOTAL	15	
<b>DEGREE TOTAL: 64</b>					
<b>Open electives (17 hrs) include non-required courses from other disciplines or the student's area of study.</b>					
<b>*Area of Study Courses (12) hrs required as per the above specific courses marked by an *.</b>					

### Other Suggested WOO Courses:

WOO270 Wildlife Business Basics	1	WOO274 Wildlife Habitat & Food Plot	2
WOO271 Hunter Ed Instructor Training	1	WOO275 Wildlife & Outdoor Media	3
WOO273 Bow Hunting Equipment	1	WOO276 Guiding in the Outdoors	3

Systemwide General Education (SGE) Key		
010 English	040 Natural & Physical Sciences	070 Institutionally Designated
020 Communications	050 Social & Behavioral Sciences	
030 Math & Statistics	060 Arts & Humanities	