

2020 - 2021 Course Catalog



Ancilla College

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ACADEMIC HONORS

Academic Dean's List (full-time students) - At the end of each semester, an Academic Dean's List is posted. To be eligible, a student must have a 3.5 semester GPA and carry at least twelve semester hours applicable toward graduation and be a degree seeking student.

Academic Honors List (part-time students) - At the end of each semester, an Academic Honors List is posted. To be eligible, a student must have a term GPA of 3.5 and must carry between six and eleven hours applicable toward graduation and be a degree seeking student.

Graduation Honors - Honors at graduation are extended to all students who have earned a minimum of 30 credit hours towards the degree at Ancilla College and have maintained a grade point average (GPA) of 3.6 or above.

Honors are computed as follows at the end of the fall term:

3.90 - 4.00	Summa Cum Laude
3.70 - 3.89	Magna Cum Laude
3.60 - 3.69	Cum Laude

NOTE: Earned graduation honors are computed once a student has completed all coursework and may differ from honors presented for the Honors and Graduation Ceremonies.

ACADEMIC PROGRAMS

COURSE TITLE ABBREVIATIONS

Accounting.....ACCT	Economics ECON	Music MUS
Agriculture.....AGRI	EducationED	NursingNURS
ArtART	English.....ENGL	NutritionNUTR
AstronomyASTR	Exercise Science..... HPER	PhilosophyPHIL
Biology.....BIOL	First Year Experience.....FYE	Physical Science PSC
Business.....BADM	FrenchFREN	Physics.....PHYS
Business/Logistics BUS	HealthHLTH	Political Science.....PSCI
ChemistryCHEM	History.....HIST	Psychology.....PSY
CommunicationCOMM	Hospitality & Tourism HOST	Religious StudiesREL
Computer ScienceCIS	HumanitiesHUM	Sociology.....SOC
Criminal JusticeCRJU	Journalism.....JOUR	Spanish.....SPAN
Culinary ArtsCRT	Management.....MGT	Sports Management.....SPMT
Develop. English.DEVE	Marketing.....MKT	TheologyTHEO
Develop. Math.....DEVM	MathematicsMATH	Veterinary Nursing VN

PROGRAMS OF STUDY

Programs of study at Ancilla College are designed for the transfer student as well as the two-year student. The General Education program is the nucleus of all courses of study at Ancilla College. Students combine the general education core courses with their area of major to complete basic requirements in their field of choice. Upon satisfactory completion of all requirements, students are awarded the Associate of Arts Degree, Associate of Science Degree, Associate of Science in Nursing Degree, or Associate of Applied Science Degree.

Agriculture, Associate of Science

Program Mission Statement -The Agriculture program provides for the student a liberal arts foundation and soil/animal concentration introduction.

Program Goals -The student will apply critical thinking and learn content knowledge in agriculture, communications, history, humanities, math and science, and the behavioral sciences. He/she will develop reading, writing, research, and discussion skills and sharpen the ability to think critically, question, and reflect. Students in this program will be introduced into the soil- and/or animal-based pathways intended for further exploration at a 4-year institution.

Written & Oral Communications 9 credits

ENGL 110	Writing I	3
ENGL 212	Writing II	3
COMM 115	Public Speaking	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts – Two Departments Must be Represented 6 credits

Choose two courses in:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language	6
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Social/ Behavioral Science – Two Departments Must be Represented 6 credits

AGRI 203	Agriculture Microeconomics	3
Choose one course in:	ECON, HIST, PSCI, SOC	3

Science / Math / Technology 14-16 credits

BIOL 122	Principles of Biology I	4
BIOL 124	Principles of Biology II	4
MATH 110 or Higher	College Algebra or Higher	3-5
CIS 135	Computer Literacy	3

Major Requirements 21 credits

AGRI 104	Introduction to Agriculture Systems	3
AGRI 105	Crop Production	3
AGRI 230	Management Methods/ Agriculture Business	3
CHEM 120	General Chemistry I	4
CHEM 121	General Chemistry II	4
BIOL 286 or CHEM 250	Ecology or Organic Chemistry	4

General Electives or Internship 3 credits

Total Credits Required for Graduation 60 credits minimum

Agriculture - Animal Science, Associate of Applied Science

Program Mission Statement - The Agriculture program provides for the student a liberal arts foundation and soil/animal concentration introduction.

Program Goals - The student will apply critical thinking and learn content knowledge in agriculture, communications, history, humanities, math and science, and the behavioral sciences. He/she will develop reading, writing, research, and discussion skills and sharpen the ability to think critically, question, and reflect. Students in this program will be introduced into the soil- and/or animal-based pathways intended for further exploration at a 4-year institution.

Written & Oral Communications **9 credits**

ENGL 110	Writing I.....	3
ENGL 212	Writing II.....	3
COMM 115	Public Speaking.....	3

Freshman Course **2 credits**

FYE 101 or 102	Freshman Seminar or Freshman Foundations.....	2
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Humanities & Fine Arts* **3 credits**

PHIL 155	Ethics	3
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Social/ Behavioral Science **6 credits**

PSCI 160	American National Government	3
AGRI 203 or ECON 250	Agricultural Microeconomics or Microeconomics	3

Science / Math / Technology **14-16 credits**

BIOL 124	Principles of Biology II.....	4
CHEM 111	Applied Chemistry	4
MATH 111 or Higher	Mathematics and Its Application or Higher	3-5
CIS 135	Computer Literacy.....	3

Animal Science Track Requirements **12 credits**

AGRI 102	Introduction to Animal Agriculture.....	3
AGRI 104	Introduction to Agriculture Systems	3
AGRI 105	Soil Science & Crop Production.....	3
AGRI 230	Management Methods/ Agriculture Business	3

Animal Science Track Elective Choices **13-15 credits**

AGRI 101	Fundamentals of Horticulture.....	3
AGRI 106	Introduction to Agriculture Marketing.....	3
AGRI 111	Introduction to Range Management	3
AGRI 150	Meat Science	3
AGRI 202	Agriculture Data Management	3
AGRI 203	Agriculture Microeconomics.....	3
AGRI 221	Animal Nutrition	3
AGRI 231	Agriculture Salesmanship	3
AGRI 233	Animal Reproduction.....	3

Agriculture - Animal Science, Associate of Applied Science cont.

Animal Science Track Elective Choices (cont.)

13-15 credits

AGRI 245	Animal Health & Disease.....	3
AGRI 299	Capstone Experience/Internship.....	1-3
BIOL 106	Biology of Companion Animals	4
BIOL 240	Equine Science	4
CRT 103	Food Sanitation & Safety.....	2

Total Credits Required for Graduation

60 credits minimum

Agri Business – AncillaWorks, Associate of Science

Program Mission Statement - The AncillaWorks Agriculture Business program provides a liberal arts foundation and soil/animal concentration introduction while transforming the lives of our students, the strength of our business partners, and the prosperity of our communities through values-based, investment-minded alliances.

Program Goals - AncillaWorks Ag Business program seeks to create strategic academic schedules and corporate partnerships that assist students in managing work/school schedules and finances, while meeting the needs of Employer Partners with a work-ready, talent. Students will apply critical thinking and learn content knowledge in agriculture, communications, history, humanities, math and science, and the behavioral sciences. He/she will develop reading, writing, research, and discussion skills and sharpen the ability to think critically, question, and reflect. Students in this program will be introduced into the soil- and/or animal-based pathways intended for further exploration at a 4-year institution.

Written & Oral Communications 9 credits

ENGL 110	Writing I	3
ENGL 212 or 215	Writing II or Technical Writing.....	3
COMM 115	Public Speaking.....	3

Freshman Course 2 credits

FYE 101	Freshman Seminar	2
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Humanities & Fine Arts – Two Departments Must be Represented 6 credits

BADM 220	Business Ethics	3
REL 160	Religion in American Culture	3

Social / Behavioral Science – Two Departments Must be Represented 6 credits

ECON 250	Microeconomics	3
SOC 140	Introduction to Sociology	3

Science / Math / Technology 14 credits

BIOL 122	Principles of Biology I	4
BIOL 124	Principles of Biology II.....	4
MATH 111	Math & Its Applications.....	3
AGRI 102	Agriculture Data Management	3

Major Requirements 25 credits

ACCT 110	Financial Accounting.....	3
AGRI 102	Introduction to Animal Agriculture.....	3
AGRI 104	Introduction to Agriculture System	3
AGRI 105	Soil Science & Crop Production	3
AGRI 230	Management Methods in Agricultural Business	3
AGRI 231	Agriculture Salesmanship	3
AGRI 299	Agricultural Internship	3
BADM 295	Business Topics Course.....	1
BUS 240	Logistics & Supply Chain	3

Total Credits Required for Graduation 62 credits required

Behavioral Science, Associate of Science

Program Mission Statement - The Behavioral Science Program is designed to give students an awareness of the complexities of human development and behavior, and affirms the dignity of each individual within a diversity of peoples and cultures. The required major courses are complemented by the general education core.

Program Goals - While recognizing the uniqueness of each person, the Behavioral Science program seeks to give insight into how the human psyche interacts with the physical and social world; to understand the social structures that shape our personal and collective lives; to prepare students for further study and/or careers in the social sciences, counseling, social work, and various human service professions.

NOTE: This degree is also offered fully online. Check the schedule for courses offered each term.

Written & Oral Communications **9 credits**

ENGL 110	Writing I	3
ENGL 212	Writing II	3
COMM 115	Public Speaking	3

Freshman Course **2 credits**

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts - Two Departments Must be Represented **6 credits**

Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language	6
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Social / Behavioral Science* **6 credits**

PSY 115	General Psychology	3
SOC 140	Introduction to Sociology	3

Science / Math / Technology **14-16 credits**

Choose Two Courses:	Four Credit Hour Lab Science	8
MATH 110 or Higher	College Algebra or Higher	3-5
CIS 135	Computer Literacy	3

Major Requirements **15 credits**

ED/PSY 256	Human Growth/Development	3
PSY 265	Abnormal Psychology	3
SOC 160	Social Problems	3
SOC 170	Culture & Society	3
SOC 265	Marriage & Family	3

Major Elective Choices **3 credits**

BHS 299	Behavioral Science Internship	1-3
SOC 291	Sociology of Aging	3
SOC 295	Topics in Social Issues	3
PSY/SOC 220	Social Psychology	3

General Electives **6 credits**

Total Credits Required for Graduation **60 credits minimum**

Business Administration, Associate of Science

Program Mission Statement - Ancilla College's Business Administration Department provides students with a variety of courses in Accounting, Business Law, Economics, Management, and Marketing with a strong emphasis on personal integrity. Total Quality Management is emphasized and team building is encouraged.

Program Goals - The primary goals of the Business Administration Program are to encourage intellectually productive and moral behavior in a business-oriented framework. The program seeks to expand mental processes beyond normal comfort zones through critical thinking and shifted paradigms.

Written & Oral Communications 9 credits

ENGL 110	Writing I	3
ENGL 212 or 215	Writing II or Technical Writing.....	3
COMM 115	Public Speaking.....	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts - Two Departments Must be Represented 6 credits

Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language	6
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Social / Behavioral Science - Two Departments Must be Represented 6 credits

ECON 250	Microeconomics	3
Choose One Course:	ECON, HIST, PSCI, SOC.....	3

Science / Math / Technology 14-16 credits

Choose Two Courses:	Four Credit Hour Lab Science Courses.....	8
MATH 110 or Higher	College Algebra or Higher.....	3-5
CIS 135	Computer Literacy.....	3

Major Requirements 12 credits

ACCT 110	Financial Accounting.....	3
ACCT 120	Managerial Accounting.....	3
BADM 210	Business Law	3
ECON 251	Macroeconomics	3

Major Elective Choices 6 credits

BADM 100	Introduction to Business	3
BADM 160	Personal Finance	3
BADM 205	Risk Management	3
BADM 254	Advertising	3
BADM 299	Business Internship.....	1-3
MGT 210	Principles of Management.....	3
MKT 220	Principles of Marketing.....	3

General Electives 6 credits

Total Credits Required for Graduation 60 credits minimum

Business Administration - Ancilla Works, Associate of Science

Program Mission Statement - Ancilla College’s Business Administration Department and the AncillaWorks Program provides students with a variety of courses in Accounting, Business Law, Economics, Management, and Marketing with a strong emphasis on personal integrity. Total Quality Management is emphasized and team building is encouraged while transforming the lives of our students, the strength of our business partners, and the prosperity of our communities through values-based, investment-minded alliances.

Program Goals - AncillaWorks seeks to create strategic academic schedules and corporate partnerships that assist students in managing work/school schedules and finances, while meeting the needs of Employer Partners with a work-ready, talent. As part of the Business Administration Program, primary goals include encouraging intellectually productive and moral behavior in a business-oriented framework. The program seeks to expand mental processes beyond normal comfort zones through critical thinking and shifted paradigms.

Written & Oral Communications **9 credits**

ENGL 110	Writing I	3
ENGL 212	Writing II	3
COMM 115	Public Speaking	3

Freshman Course **2 credits**

FYE 101	Freshman Seminar	2
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Humanities & Fine Arts – Two Departments Must be Represented **6 credits**

BADM 220	Business Ethics	3
REL 160	Religion in American Culture	3

Social / Behavioral Science – Two Departments Must be Represented **6 credits**

ECON 250	Microeconomics	3
SOC 140	Introduction to Sociology	3

Science / Math / Technology **14 credits**

BIOL 122	Principles of Biology I	4
BIOL 124	Principles of Biology II	4
MATH 111	Math & Its Applications	3
CIS 200	Computer Applications for Business	3

Major Requirements **25 credits**

ACCT 110	Financial Accounting	3
ACCT 120	Managerial Accounting	3
AGRI 231	Agriculture Salesmanship	3
BADM 295	Business Topics Course	1
BADM 299	Business Internship	3
BUS 240	Logistics & Supply Chain	3
ECON 251	Macroeconomics	3
MGT 210	Principles of Management	3
MKT 220	Principles of Marketing	3

Total Credits Required for Graduation **62 credits required**

Communications, Associate of Arts

Program Mission Statement - The Communication program provides an overview of the communication field with tracks in Communication Studies and Mass Media. The program introduces students to communication theory relating to human communication and message construction as well as various areas of possible future concentration. The program will also prepare students to transfer to a senior institution to earn a bachelor's degree in communication.

Program Goals - The primary goals Communication program are to familiarize students with the communication processes, both interpersonal and mass, provide the history of mass communication, and introduce students to a variety of communication fields. Small classes will allow professors and students to tailor their assignments to fit their specific areas of interest and professional goals.

Written & Oral Communications 9 credits

ENGL 110	Writing I.....	3
ENGL 212	Writing II.....	3
COMM 115	Public Speaking.....	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations.....	2
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Humanities & Fine Arts - Three Departments Must be Represented 9 credits

Choose One Course:	Literature.....	3
Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language.....	6

Social / Behavioral Science - Two Departments Must be Represented 6 credits

Choose Two Courses:	HIST, PSCI, PSY, SOC, ECON.....	6
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Science / Math / Technology 10-12 credits

Choose One Course:	Four Credit Hour Lab Science.....	4
MATH 110 or Higher	College Algebra or Higher.....	3-5
CIS 135	Computer Literacy.....	3

Major Requirements - All Tracks 7-9 credits

COMM 100	Intro to Mass Communication.....	3
COMM 215	Interpersonal Communication.....	3
COMM 299	Communication Internship.....	1-3

CHOOSE ONE of the following TRACKS to complete:

Major Requirements - Communication Studies Track 6 credits

BADM/COMM 225	Business & Professional Communication.....	3
COMM 230	Small Group Communication.....	3

Major Requirements - Mass Media Track 6 credits

ENGL/JOUR 200	Journalism I: Writing for Media.....	3
ENGL/JOUR 250	Journalism II: Emerging Media.....	3

Communications, Associate of Arts cont.

<u>Major Elective Choices (**PSY115, *SOC140 needed as prerequisite)</u>		<u>3 credits</u>
ACCT 110	Financial Accounting.....	3
BADM/COMM 225	Business & Professional Communication.....	3
COMM230	Small Group Communication.....	3
COMM/HIST 240	Cinema History.....	3
ECON 250	Microeconomics.....	3
ECON 251	Macroeconomics.....	3
ENGL 215	Technical Writing.....	3
ENGL/JOUR 200	Journalism I: Writing for Media.....	3
ENGL/JOUR 250	Journalism II: Emerging Media.....	3
MGT 210	Principles of Management.....	3
MKT 220	Principles of Marketing.....	3
PSY 115	General Psychology.....	3
**PSY/SOC 220	Social Psychology.....	3
**PSY/ED256	Human Growth & Development.....	3
SOC 140	Introduction to Sociology.....	3
*SOC 160	Social Problems.....	3
*SOC 170	Culture & Society.....	3
*SOC 265	Marriage & Family.....	3

General Electives 9 credits

Total Credits Required for Graduation 60 credits minimum

Computer Information Systems, Associate of Applied Science

Program Mission Statement - An Associate of Applied Science degree with a major in Computer Information Systems offers students a foundation in the field of computer information and in a chosen track. Students prepare for work in web development or networking with industry-recognized certification opportunities to give students the credentials needed to work in the IT industry in various positions, ranging from Help Desk Support technicians and Network Administrators to Web Design professionals. Students have access to a teaching and learning environment capable of preparing them to compete globally and lead the world in innovation.

Program Goals - Students master a broad base of liberal arts education through general education courses then gain specific skills and knowledge in one of two program tracks. The Web Development Track offers students IT skills and industry-standard certifications through CIW (Certified Internet Webmasters) in web site development and design including HTML, XHTML, CSS, e-commerce, JavaScript, and web security. The Networking Track offers similar CIW certification in the first four courses and combines entry-level networking knowledge and hands-on skills with quality skills in virtualization and cloud computing to help students prepare for the necessary responsibilities to be successful on the job.

Written & Oral Communications 9 credits

ENGL 110	Writing I	3
ENGL 215	Technical Writing.....	3
COMM 115	Public Speaking.....	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts - Two Departments Must be Represented 6 credits

Choose Two Courses:	ART/MUS, REL, ETHICS, PHIL, THEO, Literature or a foreign language	6
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Social/ Behavioral Science - Two Departments Must be Represented 6 credits

Choose Two Courses:	HIST, PSCI, PSY, SOC, ECON.....	6
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Science / Math / Technology 10-12 credits

Choose One Course:	Four Credit Hour Lab Science.....	4
MATH 110 or Higher	College Algebra or Higher.....	3-5
CIS 135	Computer Literacy.....	3

Major Requirements - All Tracks 13 credits

CIS 105	Intro to Internet Technology	3
CIS 115	Intro Network Technology	3
CIS 125	Problem Solving & Help Desk Support	3
CIS 145	Interactive Database Design.....	3
CIS 299	CIS Internship.....	1

CHOOSE ONE of the following TRACKS to complete:

Major Requirements - Web Development 15 credits

CIS 215	Website Development	3
CIS 225	Website Design.....	3

Computer Information Systems, Associate of Applied Science cont.

CIS 235	JavaScript Programming.....	3
CIS 245	Designing for E-Commerce	3
CIS 255	Web Security Foundations.....	3

Major Requirements - Network Technology **15 credits**

CIS 210	Virtualization & Cloud Computing	3
CIS 220	Operating System Technology & Admin	3
CIS 230	Digital Communications	3
CIS 240	Network Design & Infrastructure.....	3
CIS 250	Security & Privacy	3

Total Credits Required for Graduation **60 Credits Minimum**

Criminal Justice, Associate of Science

Program Mission Statement - Ancilla College offers an Associate Degree with a major in Criminal Justice. This program, complemented by a general education core of liberal arts courses, is intended as a preparation for those pursuing a career in Criminal Justice or seeking employment in the Criminal Justice system. The major courses acquaint the students with the Criminal Justice system through a study of agencies, processes and values of the system, laws and procedures, penology, juvenile delinquency, and policing at the various levels. The knowledge gained enables the student to apply material learned to situations relative to Criminal Justice.

Program Goals - The primary goals of the Criminal Justice Program are to recognize and apply significant historical, contemporary, political, and cultural concepts that shape society relative to the American Criminal Justice System; to develop a greater familiarity and efficiency in reading and writing in reference to Criminal Justice; and to prepare students for future roles whether it is a career in, employment with, or further study of the Criminal Justice System.

Written & Oral Communications 9 credits

ENGL 110	Writing I.....	3
ENGL 212	Writing II.....	3
COMM 115	Public Speaking.....	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations.....	2
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Humanities & Fine Arts – Two Departments Must be Represented 6 credits

Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language.....	6
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Social/ Behavioral Science – Two Departments Must be Represented 6 credits

SOC 140	Introduction to Sociology.....	3
Choose One Course:	ECON, HIST, PSCI, PSY.....	3

Science / Math / Technology 14-16 credits

Choose Two Courses:	Four Credit Hour Lab Science.....	8
MATH 110 or Higher	College Algebra or Higher.....	3-5
CIS 135	Computer Literacy.....	3

Major Requirements 15 credits

CRJU 150	Intro to American Criminal Justice.....	3
CRJU 155	Intro to Corrections.....	3
CRJU 215	Juvenile Delinquency.....	3
CRJU 250	Criminal Law & Procedures.....	3
CRJU 273	Criminology.....	3

Major Elective Choices 3 credits

CRJU 275	Intro to American Law Enforcement.....	3
CRJU 299	Criminal Justice Internship.....	1-3
PSY 265	Abnormal Psychology.....	3
SOC 160	Social Problems.....	3

General Electives 6 credits

Total Credits Required for Graduation 60 credits minimum

Education, Associate of Science

Program Mission Statement - Ancilla College offers an Associate of Science degree with an education major. The three tracks for this degree include: Early Childhood, Elementary, and Secondary. The degree lays a foundation for students in the field of education and in a chosen track, and prepares students for advanced course work at a senior institution to gain a Bachelor's degree required for a teaching license. NCATE, INTASC, and IPSB standards are used for the design of the educational framework, general studies, field experiences, and assessment of students.

Program Goals - Students master a broad base of liberal arts education through general education courses for their own benefit and the benefit of the students to be served. Through education courses, students gain a foundation of knowledge of all developmental areas: physical, cognitive, emotional, and social for students with typical, atypical, and exceptional patterns of growth and behavior, including student diversity in a classroom. Students gain firsthand knowledge of early childhood, elementary, middle, and secondary education through visits and observations and become aware of the demands of a teaching career and skills required to promote positive classroom environments.

Written & Oral Communications 9 credits

ENGL 110	Writing I	3
ENGL 212	Writing II	3
COMM 115	Public Speaking	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts – Two Departments Must be Represented 6 credits

Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language	6
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Social/Behavioral Science – Two Departments Must be Represented 6 credits

PSY 115	General Psychology	3
Choose One Course:	ECON, HIST, PSCI, SOC	3

Science / Math / Technology 14-16 credits

BIOL 114	Biological Concepts for Elementary Teachers	4
	<i>(Early Childhood and Elementary Tracks must take BIOL114)</i>	
Choose One or Two Courses:	Four Credit Hour Lab Science	4
	<i>(Early Childhood & Elementary Tracks choose one lab science in addition to BIOL114. Secondary Education tracks must choose two lab science courses.)</i>	
MATH 105/110 or higher	Math for Elementary Teachers I or College Algebra or Higher	3-5
	<i>(Early Childhood and Elementary Tracks must take MATH105)</i>	
CIS 135	Computer Literacy	3

CHOOSE ONE of the following TRACKS to complete:

Major Requirements – Early Childhood Education 19 credits

ED 205	Intro to Early Childhood	3
ED/PSY 256	Human Growth and Development	3
ED 258	Intro to Exceptional Children	3
ED 261	Child: Family, Culture, Community	3
ED 265	Learning Environments	3
Ed 266	Practicum in Early Childhood	4

Education, Associate of Science (cont.)

Major Requirements - Elementary Education **15 credits**

ED 210	Intro to Teaching	3
ED/PSY 250	Educational Psychology	3
ED 258	Intro to Exceptional Children.....	3
MATH 106	Math for Elementary Teachers II	3
MATH 107	Math for Elementary Teachers III	3

Major Elective Choices - Elementary Education **9 credits**

ED 205	Intro to Early Childhood.....	3
ED/PSY 256	Human Growth and Development	3
ED 265	Learning Environments	3

Major Requirements - Secondary Education **9 credits**

ED 210	Intro to Teaching	3
ED/PSY 250	Educational Psychology	3
ED 258	Intro to Exceptional Children.....	3

Major Elective Choices - Secondary Education **9 credits**

Student's Choice of Education Related Courses Including Subject Area Content.....	9
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Total Credits Required for Graduation **61-62 credits minimum**

Exercise Science, Associate of Science

Program Mission Statement - The Exercise Science program is designed to provide a broad background in general education and a basic foundation in the area of exercise science. For those students seeking an entry-level position in health and fitness, the Exercise Science program prepares students for the necessary industry certifications and the knowledge and motivation to continue as life-long learners in the area of health and fitness. For students interested in furthering their education by transferring to a four-year institution, the program prepares students to transfer to an exercise science or other health-related program.

Program Goals - The primary goals of the Exercise Science Program are to define concepts related to the anatomical, physiological and biomechanical aspects of human movement. Students will demonstrate evaluation and rehabilitation techniques related to individual responses to external stressors (heat, cold, etc.) and evaluate scientific literature in exercise science and apply it to their field. This program helps to prepare students for future roles in the field, whether it is a career in, employment with, or further study in this field.

Written & Oral Communications 9 credits

ENGL 110	Writing I	3
ENGL 212	Writing II	3
COMM 115	Public Speaking	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts - Two Departments Must be Represented 6 credits

Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language	6
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Social/Behavioral Science - Two Departments Must be Represented 6 credits

PSY 115	General Psychology	3
Choose One Course:	ECON, HIST, PSCI, SOC	3

Science/Math / Technology 14-16 credits

BIOL 252	Human Anatomy & Physiology I	4
BIOL 254	Human Anatomy & Physiology II	4
MATH 110 or Higher	College Algebra or Higher	3-5
CIS 135	Computer Literacy	3

Major Requirements 17-19 credits

CHEM 120	General Chemistry I	4
HLTH 160	First Aid & Emergency Procedures	2
HLTH 250	Medical Terminology	1
HPER 212	Introduction to Exercise Science	3
HPER 215	Principles & Practices of Exercise Science	3
HPER 259	Care & Prevention of Athletic Injuries	3
HPER 299	Exercise Science Internship	1-3

General Electives 7 credits

Total Credits Required for Graduation 60 credits minimum

General Studies, Associate of Arts

This General Studies program will prepare students to transfer to a senior institution and allows students to create an interdisciplinary degree. Students must choose either the AA or AS in General Studies dependent upon interests and senior institutions. Students should meet with their advisor to determine the best courses to take to meet their goals or to meet the requirements necessary for their chosen senior institution.

Program Mission Statement - The General Studies program seeks to ground the student in a broad range of knowledge that is important for the world in which we live. In addition, the student will be asked to explore and discover interdisciplinary links between and among these various fields of study.

Program Goals - The student will enhance basic understandings of general fields of knowledge, including but not limited to communications, history, humanities, math and science, and the behavioral sciences. He/she will develop reading, writing, research, and discussion skills and sharpen the ability to think critically, question, and reflect. This program will further seek an integration of knowledge and an exploration of values systems, providing an opportunity for the student to understand self and the human condition with a greater depth of insight.

Written & Oral Communications 9 credits

ENG L110	Writing I	3
ENGL 212	Writing II.....	3
COMM 115 or COMM 215	Public Speaking or Interpersonal Communication.....	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts - Three Departments Must be Represented 9 credits

Choose One Course:	Literature.....	3
Choose Two Courses:	ART/MUS, REL, ETHICS, PHIL, THEO, or a foreign language.....	6

Social/ Behavioral Science - Two Departments Must be Represented 6 credits

Choose Two Courses:	HIST, PSCI, PSY, SOC, ECON.....	6
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Science / Math / Technology 10-12 credits

Choose One Course:	Four Credit Hour Lab Science.....	4
MATH 110 or Higher	College Algebra or Higher.....	3-5
CIS 135	Computer Literacy.....	3

General Electives or Internship 25 credits

Total Credits Required for Graduation 60 credits minimum

General Studies, Associate of Science

This General Studies program will prepare students to transfer to a senior institution and allows students to create an interdisciplinary degree. Students must choose either the AA or AS in General Studies dependent upon interests and senior institutions. Students should meet with their advisor to determine the best courses to take to meet their goals or to meet the requirements necessary for their chosen senior institution.

Program Mission Statement - The General Studies program seeks to ground the student in a broad range of knowledge that is important for the world in which we live. In addition, the student will be asked to explore and discover interdisciplinary links between and among these various fields of study.

Program Goals - The student will enhance basic understandings of general fields of knowledge, including but not limited to communications, history, humanities, math and science, and the behavioral sciences. He/she will develop reading, writing, research, and discussion skills and sharpen the ability to think critically, question, and reflect. This program will further seek an integration of knowledge and an exploration of values systems, providing an opportunity for the student to understand self and the human condition with a greater depth of insight.

Written & Oral Communications 9 credits

ENG L110	Writing I	3
ENGL 212	Writing II.....	3
COMM 115	Public Speaking.....	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts - Two Departments Must be Represented 6 credits

Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language	6
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Social/ Behavioral Science - Three Departments Must be Represented 9 credits

Choose Three Courses:	HIST, PSCI, PSY, SOC, ECON.....	9
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Science / Math / Technology 14-16 credits

Choose Two Courses:	Four Credit Hour Lab Science.....	8
MATH 110 or Higher	College Algebra or Higher.....	3-5
CIS 135	Computer Literacy	3

General Electives or Internship 21 credits

Total Credits Required for Graduation 60 credits minimum

Health Sciences, Associate of Science

Program Mission Statement - The health sciences program is designed to meet the needs of a variety of students interested in healthcare professions. This major will provide a solid foundation in the health sciences area. The program will provide hands-on laboratory experience and is the foundation for educational opportunities in nursing and other health-related fields.

Program Goals - The Health Sciences Program is designed to meet the needs of a variety of students interested in healthcare professions. The program is intended to provide a broad science education that serves as the foundation in healthcare careers with the ability to utilize the scientific process, illustrate age-appropriate functions of the human body and communicate effectively. This program can provide education in pre-medical, pre-physical therapy, and pre-occupational therapy programs.

Written & Oral Communications 9 credits

ENG L110	Writing I	3
ENGL 212	Writing II	3
COMM 115	Public Speaking	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts – Two Departments Must be Represented 6 credits

Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language	6
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Social / Behavioral Science – Two Departments Must be Represented 6 credits

Choose Two Courses:	HIST, PSCI, PSY, SOC, ECON	6
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Science/Math / Technology 14-16 credits

CHEM 120	General Chemistry I	4
NUTR 110	Nutrition	3
HLTH 250	Medical Terminology	1
MATH 110 or Higher	College Algebra or Higher	3-5
CIS 135	Computer Literacy	3

Major Requirements 15 credits

BIOL 252	Human Anatomy & Physiology I	4
BIOL 254	Human Anatomy & Physiology II	4
BIOL 270	Microbiology	4
ED/PSY 256	Human Growth & Development	3

General Electives or Internship 9 credits

Total Credits Required for Graduation 60 credits minimum

Nursing - RN Track, Associate of Science in Nursing

Program Mission Statement - The mission of Ancilla College Nursing is to empower a diverse population with an opportunity to achieve high academic goals. Ancilla College Nursing will prepare graduates who will have the knowledge, skills and attitudes (KSAs) necessary to provide professional nursing care. The student successfully incorporating the eight core values derived from elements of the arts, sciences, humanities and nursing will be granted an associate of science degree in nursing. Graduates are expected to continuously improve the quality and safety of nursing practice to meet the holistic healthcare needs of the communities served.

Prerequisites 13 credits

BIOL 252	Human Anatomy & Physiology I.....	4
BIOL 270	Microbiology	4
ENGL 110	Writing I.....	3
FYE 101	Freshman Seminar	2

General Education Requirements 10 credits

BIOL 254	Human Anatomy & Physiology II.....	4
PSY 115	General Psychology	3
SOC 140	Introduction to Sociology	3

Major Requirements 40 credits

NURS 110*	Fundamentals of Nursing.....	6
NURS 111*	Med-Surg I.....	5
NURS 150	Medical Terminology for Nursing.....	2
NURS 202*	Med-Surg II.....	5
NURS 203*	Nursing Capstone	6
NURS 240	Nursing Ethics, History, Issues and Trends.....	3
NURS 246*	Pediatric and Obstetric Nursing	5
NURS 247*	Mental Health Nursing	5
NURS260	Pharmacology.....	3

Total Credits Required for Graduation 63 credits

* = Indicates course has a clinical component.

2020-2021 ASN CURRICULUM COURSE LAYOUT BY SEMESTER

*Courses with laboratory/clinical component:

Semester 1

NURS 110* Fundamentals of Nursing	6
NURS 150 Medical Terminology for Nursing	2
BIOL 254 Anatomy & Physiology II	4
Total	12

Semester 2

NURS 111* Med-Surg I	5
NURS 240 Nursing Issues, Trends, Ethics	3
NURS 260 Pharmacology	3
Either PSY115 or SOC 140	3
Total	14

Semester 3

NURS 202* Med-Surg II	5
NURS 246* Care for Specialized Pop. I	5
Either PSY115 or SOC 140	3
Total	13

Semester 4

NURS 203* Capstone	6
NURS 247* Care for Specialized Pop II	5
Total	11

Nursing Gen Ed Hours	23
Nursing Credit Hours	40
Total ASN Credit Hours	63

Required Prerequisite Courses (must be completed prior to acceptance into the nursing program):

- BIOL 252 Human Anatomy & Physiology I (4)
- BIOL 270 Microbiology (4)
- ENGL 110 Writing I (3)
- FYE 101 Freshman Seminar (2)

Additional Required General Education Courses (can be taken after acceptance into the nursing program):

- BIOL 254 Human Anatomy & Physiology II (4)
- PSY 115 General Psychology (3)
- SOC 140 Introduction to Sociology (3)

Philosophy Nurse - The nurse is a manager of patient-centered care who provides holistic support to individuals and their communities. A nurse collaborates with other healthcare professionals to provide safe, evidence-based, quality nursing care.

Nursing Education - Ancilla nursing faculty, guided by current evidence and accepted nursing standards, believe the learning process is a mutual effort of faculty and students who take responsibility for personal and professional growth. Teaching and learning concepts in nursing is complex with many layers and experiences building on each other culminating in the successful graduate nurse. Accountability of the educational process is demonstrated by assessment of specified nursing student learning outcomes.

Division of Nursing Curricular Concepts - The curriculum integrates seven student learning concepts. Mastery of these concepts, designated as student learning outcomes, are essential to nursing and the learning process expected by the Ancilla College Nursing Program.

Nursing Student Learning Outcomes –

- Safety: Anticipate risk and implement interventions to provide safe patient care
- Teamwork & Collaboration: Demonstrates effective communication skills within nursing and multi-disciplinary teams to achieve quality patient care
- Patient-centered Care: Collaborate with the patient or designee in providing care based on respect for patient's preferences, values, and needs
- Quality Improvement: Utilize data to promote patient safety and improve patient care.
- Evidence-based Practice: Integrate current evidence-based practice, patient/family preferences, and values for delivery of quality patient care
- Informatics: Use information and technology to communicate, manage knowledge, mitigate error, and support decision making
- Professional Identity: Display behaviors congruent with established legal and ethical professional standards

The Ancilla College Nursing program is approved by the Indiana State Board of Nursing:

Indiana State Board of Nursing
Indiana Government Center South Building
402 West Washington Street - Room W072
Indianapolis, Indiana 46204

ADMISSION CRITERIA TO THE ASN NURSING PROGRAM:

Students applying to the ASN Program **must** complete the steps identified below. Be sure to note the application deadlines. The program is highly competitive and applications submitted beyond the deadline will not be reviewed until the next admissions semester.

1a. Complete an application for Ancilla College online.

1b. Request transcripts from all colleges attended.

1c. Request final high school transcript.

Apply to Ancilla College; request transcripts from all colleges attended and high school; have them sent to Ancilla College Admissions Department*. All transcripts will be reviewed by the college registrar under the policies in place at the time of review. You will receive a letter showing which courses will transfer in. You will also receive a letter of acceptance to the college. (Note - being accepted as a general student at Ancilla College does not guarantee admission to the ASN Program).

2. Complete Ancilla College Nursing application

Complete a *separate* Nursing application online. This application should be completed at the same time as the College application. Nursing applications are accepted at any time during the year.

3. Complete a criminal background check online at <https://portal.castlebranch.com/aq65>. Use the code AQ65dt.

4. TEAS or ACT Testing – or a College Degree

The following scores are required for acceptance into the ASN program.

(a) ACT composite score \geq 20 OR

(b) ATI TEAS test academic preparedness level: "PROFICIENT"

Purchase and register for the ATI TEAS exam at <https://www.atitesting.com/teas3.0>.

5. Complete prerequisite courses:
BIOL252, BIOL270, ENGL110, FYE101

6. **Minimum GPA** of 3.0 on a 4.0 scale

The application cannot be reviewed for admission into the ASN Program until all of the above criteria is completed and submitted.

APPLICATION DEADLINES

Spring Semester (begins in January)	September 1 st
Fall Semester (begins in August)	April 1 st

- New students are accepted into the ASN program twice a year, fall and spring semester.
- Review of applications will begin April 1st for the fall semester, and October 1st for the spring semester. You will be notified by email of your admission status.
- A points system is in place for accepting new students. Additional points are awarded to students who are currently taking classes at Ancilla College.
- After the ASN cohort has been filled, the Division of Nursing will place approximately 5 students who have successfully completed the nursing application process on a back-up list in the event that any admitted students cannot begin the program for the upcoming semester. These students will be notified that the cohort is currently filled, and that they are on a back-up list. Students on the back-up list who are not fully admitted for the upcoming semester will automatically be admitted for the following semester.
- If an applicant was not admitted or placed on the back-up list for the upcoming semester, their application will be kept on file to be reviewed for possible admission to the following semester.

***Admissions Email Address:** admissions@ancilla.edu

* **Normal Mailing Address:** Ancilla College
PO Box 1
Donaldson, IN 46513

***Overnight Mailing Address:** Ancilla College
9601 Union Road
Plymouth, IN 46563

Ancilla reserves the right to change, alter, remove and/or amend all procedures, policies, and regulations contained herein at any time, and at the sole discretion of the Administration, whenever such changes are deemed necessary, and without prior notice or cause.

Ancilla College is accredited by the Higher Learning Commission (HLC). The Nursing program is approved by the Indiana State Board of Nursing (ISBN) and is recognized by the National League for Nursing (NLN). National accreditation through the Accreditation Commission for Education in Nursing, Inc. (ACEN) for the nursing program is in progress.

Nursing - LPN to ASN Bridge, Associate of Science

Program Mission Statement - The mission of Ancilla College Nursing is to empower a diverse population with an opportunity to achieve high academic goals. Ancilla college nursing will prepare graduates who will have the knowledge, skills and attitudes (KSAs) necessary to provide professional nursing care. The student successfully incorporating the eight core values derived from elements of the arts, sciences, humanities and nursing, will be granted an associate of science degree in nursing. Graduates are expected to continuously improve the quality and safety of nursing practice to meet the holistic healthcare needs of the communities served.

Prerequisites 15 credits

BIOL 252	Human Anatomy & Physiology I.....	4
BIOL 254	Human Anatomy & Physiology II.....	4
BIOL 270	Microbiology	4
ENGL 110	Writing I.....	3

General Education Requirements 6 credits

PSY 115	General Psychology	3
SOC 140	Introduction to Sociology	3

Major Requirements 32 credits

NURS 150	Medical Terminology for Nursing.....	2
NURS 200	LPN to ASN Transition	3
NURS 202*	Med-Surg II.....	5
NURS 203*	Nursing Capstone	6
NURS 240	Nursing Ethics, History, Issues and Trends.....	3
NURS 246*	Pediatric and Obstetric Nursing	5
NURS 247*	Mental Health Nursing	5
NURS260	Pharmacology	3

Validation of Credit 11 credits

NURS 110	Fundamentals of Nursing.....	6
NURS 111	Medical/Surgical Nursing I	5

Total Credits Required for Graduation 64 credits

* = Indicates course has a clinical component.

Symbol Key:

VC = Validated credit will be awarded for NURS 110 & 111 (11 credit hours) in the last semester.

* = Indicates course has a clinical component.

** = Indicates the courses is a prerequisite course and must be completed prior to entering the LPN to ASN program

Required Prerequisites & General Education (or transferred equivalent) Course List:

VC = BIOL 252 A&P I (4 cr)

ENGL 110 Writing I (3 cr)

BIOL 254 A&P II (4 cr)

PSY 115 General Psychology (3 cr)

BIOL 270 Microbiology (4 cr)

SOC 140 Intro to Sociology (3 cr)

To earn the ASN degree you must have 64 credits in the following areas:

Prerequisites	15 credits
General Education	6 credits
Nursing	32 credits
Validated Nursing Credits	11 credits

Semester 1

NURS 150 Medical Terminology for Nursing	2
NURS 200 LPN to ASN Transition	3
Either PSY115 or SOC 140	3
Either NURS 240 or NURS 260	3
Total	11

Semester 2

NURS 202* Med-Surg II	5
NURS 246* Care for Specialized Pop. I	5
Either PSY115 or SOC 140	3
Total	13

Semester 3

NURS 203* Capstone	6
NURS 247* Care for Specialized Pop II	5
Either NURS 240 or NURS 260	3
Total	14

ADMISSION CRITERIA FOR THE LPN TO RN PROGRAM

Students applying to the LPN to RN Bridge Program must complete the steps identified below. Be sure to note the application deadlines. The program is highly competitive and applications submitted beyond the deadline will not be reviewed until the next admissions semester.

1a. Complete an application for Ancilla College online.

1b. Request transcripts from all colleges attended.

1c. Request final high school transcript.

Apply to Ancilla College; request transcripts from all colleges attended and high school; have them sent to Ancilla College Admissions Department*. All transcripts will be reviewed by the college registrar under the policies in place at the time of review. You will receive a letter showing which courses will transfer in. You will also receive a letter of acceptance to the college. (Note - being accepted as a general student at Ancilla College does not guarantee admission to the Bridge Program).

2. Complete Ancilla College Nursing application
Complete a separate Nursing application online. This application should be completed at the same time as the College application. Nursing applications are accepted at any time during the year.
3. Have a current, unencumbered Indiana LPN license.
4. Complete a criminal background check online at <https://portal.castlebranch.com/aq65>. Use the code AQ65bg.
5. Complete a drug test online at <https://portal.castlebranch.com/aq65>. Use code AQ65dt
6. Complete prerequisite courses.
BIOL254, BIOL270, & ENGL110
7. Have a GPA of 3.0 in prerequisite courses.

The application cannot be reviewed for admission into the LPN to RN Bridge Program until all of the above criteria is completed and submitted.

APPLICATION DEADLINES

Spring Semester(begins in January)	September 1st
Fall Semester (begins in August)	April 1st

- New students are accepted into the Bridge program twice a year, fall and spring semester.
- Review of applications will begin April 1st for the fall semester, and October 1st for the spring semester. You will be notified by email of your admission status.
- A points system is in place for accepting new students. Additional points are awarded to students who are currently taking classes at Ancilla College.
- After the Bridge cohort has been filled, the Division of Nursing will place approximately 5 students who have successfully completed the nursing application process on a back-up list in the event that any admitted students cannot begin the program for the upcoming semester. These students will be notified that the cohort is currently filled, and that they are on a back-up list. Students on the back-up list who are not fully admitted for the upcoming semester will automatically be admitted for the following semester.
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Sports Management, Associate of Science

Program Mission Statement - The Sports Management Program is designed to enhance students' knowledge and skills to promote the health and well-being of individuals and society through the creation, implementation and maintenance of health, fitness, and sports related services. The required major courses are complemented by the general education core.

Program Goals - While recognizing the diverse nature of the sports and fitness industries in America, the Sports Management Program seeks to equip students with management principles specific to sports-related industries; to equip students with interpersonal skills to deal with a variety of constituencies; to prepare students for further study and/or careers in coaching, health management, fitness administration, and other sport management related positions.

Written & Oral Communications 9 credits

ENGL 110	Writing I	3
ENGL 212 or 215	Writing II or Technical Writing	3
COMM 115	Public Speaking	3

Freshman Course 2 credits

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Humanities & Fine Arts - Two Departments Must be Represented 6 credits

Choose Two Courses:	Art/Music, Literature, REL, Ethics, PHIL, THEO, or a Foreign Language	6
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Social / Behavioral Science - Two Departments Must be Represented 6 credits

PSY 115	General Psychology	3
Choose One Course:	HIST, PSCI, SOC, or ECON	3

Science / Math / Technology 14-16 credits

BIOL 110	Human Body	4
Choose One Course:	Four Credit Hour Lab Science	4
MATH 110	College Algebra (or a higher level course)	3-5
CIS 135	Computer Literacy	3

Major Requirements 24-26 credits

ACCT 110	Financial Accounting	3
SPMT 110	Intro to Sports Management	3
SPMT 170	Coach Theory & Principles	3
HOST/SPMT 220	Facilities Operations	3
PSY/SPMT 251	Sports Psychology	3

Major Elective Choices 9 credits

ACCT 120	Managerial Accounting	3
BADM 210	Business Law	3
BADM/COMM 254	Advertising	3
BADM 299	Business Internship	1-3
ECON 250	Microeconomics	3
ECON 251	Macroeconomics	3
HLTH 160	First Aid & Emergency Procedure	2

Sports Management, Associate of Science (cont.)

MATH 215	Statistics.....	3
MGT 210	Principles of Management.....	3
MKT 220	Principles of Marketing.....	3
SPMT 160	Intro to Golf Management	3

Veterinary Nursing, Associate of Applied Science

Program Mission Statement – To provide a learning environment for students to acquire the knowledge, technical skills, and empathy necessary to contribute to a dynamic veterinary field in our global society. Providing the foundation for mentoring, leadership, and life-long learning within the veterinary medical profession. Exhibit professionalism, personal conduct, and autonomy consistent with the standards of the veterinary profession.

Program Goals –The Ancilla Veterinary Nursing program will strive to educate its students with the most updated curriculum and skills that will prepare them for work within the industry as well as sit for their National Veterinary Technician Examination (VTNE) to become a credentialed veterinary technician/nurse. The program will provide small class sizes, one-on-one interaction with faculty, hands-on animal learning, and community engagement throughout the program.

Written & Oral Communications **6 credits**

ENGL 110	Writing I	3
COMM 115	Public Speaking	3

Freshman Course **2 credits**

FYE 101 or 102	Freshman Seminar or Freshman Foundations	2
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Science / Math / Technology **7-10 credits**

BIOL 270	Microbiology	4
MATH 110 or Higher	College Algebra or Higher.....	3-5

Major Requirements **46 credits**

AGRI 110	Public Health & Safety	1
VN 100	Introduction to Veterinary Nursing	2
VN 110	Anatomy for Veterinary Nursing	4
VN 111	Physiology for Veterinary Nursing	2
VN 120	Small Animal Nursing I	3
VN 130	Clinical Lab I	2
VN 200	Pharmacology for Veterinary Nursing	3
VN 210	Clinical Laboratory Procedures	2
VN 220	Small Animal Nursing II.....	3
VN 225	Large Animal Nursing	3
VN 230	Clinical Lab II	2
VN 240	Integrations I	1
VN 250	Surgery & Anesthesia	3
VN 255	Lab & Exotics	3
VN 260	Diagnostic Imaging	3
VN 270	Clinical Lab III.....	2
VN 280	Integrations II	1
VN 298	Veterinary Nursing Externship I	3
VN 299	Veterinary Nursing Externship II	3

Total Credits Required for Graduation **61 credits minimum**

COURSE DESCRIPTIONS

ACCT 110, FINANCIAL ACCOUNTING (3)

Students will be able to obtain proficiency in the fundamentals of the generally accepted accounting principles in our contemporary business world. Prerequisite: DEVM 010, with a grade of "C" or better.

ACCT 120, MANAGERIAL ACCOUNTING (3)

Students in this course will be able to create and apply financial and non-financial information necessary to an organization's managers and internal decision-makers. The key areas of managerial accounting will be shown to the students, and they will develop the ability to understand and exercise the applicability of managerial accounting basics, managerial cost concepts, and reporting manufacturing activities. Prerequisites: ACCT 110 and CIS 135, with a grade of "C" or better.

AGRI 101, FUNDAMENTALS OF HORTICULTURE (3)

Students in this course learn fundamental processes involved in the production, storage, processing, and marketing of horticultural plants and products. Laboratories include experiments demonstrating both the theoretical and practical aspects of horticultural plant growth and development. Requires class trips.

AGRI 102, INTRODUCTION TO ANIMAL AGRICULTURE (3)

Students in this course study animal agriculture emphasizing the efficient production of animal food products from poultry, dairy and meat animals.

AGRI 104, INTRODUCTION TO AGRICULTURAL SYSTEMS (3)

Students in this course learn basic principles of selection and operation of agricultural production equipment, including farm tractors and machines and crop-processing equipment, planning considerations for crop storage and animal production systems, and devices for water conservation and erosion control.

AGRI 105, SOIL SCIENCE/CROP PRODUCTION (3)

Students in this course learn fundamental principles of crop production and distribution. Emphasis is placed on applying technological advances in agronomy to active crop-production situations, including basic soils, agricultural meteorology, and crop physiology and breeding.

AGRI 106, INTRODUCTION TO AGRICULTURAL MARKETING (3)

Students will learn the broad scope of marketing involved as agricultural products transition from farm to consumers. Students will evaluate how marketing functions and institutions employ research and strategies.

AGRI 110, PUBLIC HEALTH AND SAFETY (1)

Student will learn about select zoonotic diseases, occupational hazards and safety issues related to the animal industry. Students will be introduced to numerous agencies and departments that control and mandate public health and safety associated with the animal industry.

AGRI 111, INTRODUCTION TO RANGE MANAGEMENT (3)

Students will learn efficient and sustainable range management principles needed for divergent purposes including livestock grazing and wildlife habitat.

AGRI 150, MEAT SCIENCE (3)

Students will learn the fundamental principles of meat science affecting consumer, processor and consumer. Concepts covered include technology and processing used to convert living animals to meat and byproducts, utilization of all meat as food, meat value, and different meat merchandizing systems.

AGRI 202, AGRICULTURE DATA MANAGEMENT (3)

Students will learn how farmers and other agribusiness organizations manage data to improve yield, reduce loss and increase profits and resilience.

AGRI 203, AGRICULTURE MICROECONOMICS (3)

Students in this course learn various applications of microeconomics as used by farms and agribusiness firms. The behavior of individual firms is evaluated, as price and output are determined in various market structures (pure competition, pure monopoly, monopolistic competition, and oligopoly). Other topics include pricing and employment of resources, market failure and the social control of industry (government, economics policy, and regulation), cost and production theory.

AGRI 221, ANIMAL NUTRITION (3)

Students will learn basic principles of animal nutrition as it relates to agricultural animals and practices. Concepts covered include foodstuffs, ration formulation, feeding, digestion, absorption, and measurement of body needs and characteristics of nutrients.

AGRI 230, MANAGEMENT METHODS AGRICULTURE BUSINESS (3)

Students in this course learn methods of management for non-farm, agriculturally related businesses. Topics include tools for management decision making, legal forms of business organization, basics of accounting, and important financial management techniques.

AGRI 231, AGRICULTURE SALESMANSHIP (3)

Students will learn the principles and practices in agricultural product sales. Concepts covered include prospecting, territory management, customer service, and facilitating teamwork within the agribusiness sector will be explored

AGRI 233, ANIMAL REPRODUCTION (3)

Students will learn the physiological processes of reproduction as it relates to food and agriculture science and production. Topic will include animal breeding, animal biotechnology, genetics.

AGRI 245, ANIMAL HEALTH & DISEASE (3)

Students will learn disease processes and techniques used to minimize or prevent disease. Consideration will be given to how disease affects animal and human health.

AGRI 295, TOPICS IN AGRICULTURE (3)

Students will study selected topics and/or current issues in agriculture. Topics vary depending upon interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

ART 125, APPRECIATION OF ART (3)

(CTL Course)

Students will recognize, understand, and appreciate art through the ages through analysis of the underlying structure common to all art forms and a study of the basic elements and principles of the visual arts.

ART 130, DRAWING (3)

This course provides instruction in objective observational drawing skills designed for the beginner. Offers lectures, demonstrations, training in traditional problem-solving techniques, composition, and media. Introduces art concepts, vocabulary, and skills to critically analyze drawings.

ART 282, HISTORY OF ART (3)

Students will learn to describe the intertwined social structures and technologies of world traditions leading to Asian, African, American, and island culture art.

ART 295, TOPICS IN ART (1-3)

Students will study selected topics and/or current issues in art. Topics vary depending upon interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

ASTR 110, GENERAL ASTRONOMY (4)

Students will be able to compare and contrast Earth, other solar system planets, stars, galaxies, and black holes using scientific measurements and astronomical taxa in lecture assignments, examinations, class projects, and laboratory reports. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current astronomy findings via NASA (and others) for application into at least six individually-composed laboratory reports emphasizing critical thinking and astronomy themes.

BADM 100, INTRODUCTION TO BUSINESS (3)

In this elective for potential and actual business majors, students will learn the impact of business on the economy, society and the individual taxpayer; an overview of management, marketing, finance, human resources, and ethics; and the development of an appreciation of the quantitative tools used in the business environment. Also included is an introduction to the basics of accounting.

BADM 160, PERSONAL FINANCE (3)

Students in this course will be able to develop skills in the areas of personal and family planning. Upon completion of this course, students will understand and be able to apply critical thinking processes as they apply to the financial aspects of career planning, budgeting, insurance purchases, investing, and retirement planning. Students will be able to engage in self-evaluation of their personal and family decisions in the short and long term perspectives.

BADM 205, RISK MANAGEMENT (3)

This course examines key principles and strategies of risk management for organizations. Emphasis includes negligence case law, liability issues, facility safety, financial aspects of insurance companies and markets, industry structure, managerial aspects of underwriting and pricing and public policy issues.

BADM 210, BUSINESS LAW (3)

Students in Business Law will be able to obtain an understanding of the general judicial process and areas of law most relevant to business operations. These areas include the Uniform Commercial Code, contracts, agency and employment partnerships, legal aspects of corporations, creditor's rights, and property law.

BADM 220, BUSINESS ETHICS (3)

Students will learn the Christian moral and ethical issues that corporate decision-makers face in developing policies about employees, customers, and the general public. In order to formulate policies in these areas, a basic understanding of essential ethical theories is necessary. In addition, the relationship of ethical and moral to law, economics and management will be emphasized. The concepts of corporate ethics programs will be included. To emphasize the realities of these critical issues and concepts, moral and ethical debates will be utilized.

BADM 225/COMM 225 BUSINESS AND PROFESSIONAL COMMUNICATION (3)

Students will be introduced to communication practices necessary for a successful professional life. Students will learn practical skills via presentations, research, resumes, interviews, meetings, and professional writing grounded in communication and business theory. This course emphasizes interviewing, workplace culture, interpersonal and team communication, technology professional presentations, leadership, and work life balance.

BADM 245, HUMAN RESOURCES (3)

This course examines key principles and strategies of risk management for organizations. Emphasis includes negligence case law, liability issues, facility safety, financial aspects of insurance companies and markets, industry structure, managerial aspects of underwriting and pricing and public policy issues.

BADM 254, ADVERTISING (3)

Students will learn principles and techniques that lead to successful and effective advertising campaigns. Emphasis is upon the historical evolution of advertising, the roles of advertising in society, strategies for researching, marketing, planning, implementing, and evaluating campaigns.

BADM 270, ENTREPRENEURSHIP (3)

Students will learn the fundamentals of business principle associated with starting and maintaining the operations of small businesses. Strategic planning, principles of management, marketing, and business law are integrated into the course.

BIOL 106, BIOLOGY OF COMPANION ANIMALS (4)

An introduction to companion animal biology through consideration of the physical structure, nutrition, behavior and reproduction of animal species most commonly kept as companions. The basic information is applied to discussion of basic preventative health care. Course content is largely focused on cats and dogs though other mammals, birds and reptiles will be briefly considered. Legal and economic issues, and ethical considerations associated with companion animals are also incorporated into the course discussion.

BIOL 110, THE HUMAN BODY (4)

(CTL Course)

A general study of human anatomy and physiology. This course, for non-science majors, investigates the major organ systems of the human body in terms of structure and function. Laboratory is part of this course.

BIOL 114, BIOLOGICAL CONCEPTS FOR ELEMENTARY TEACHERS (4)

Students will be able to develop realistic lesson plans (K-8) and implement at least twenty elementary-targeting teaching strategies to help prepare intended elementary teachers in the teaching of biological science concepts (including the cell, plants, animals, and habitats) through lecture assignments, examinations, class projects, and laboratory reports. Students will be able to learn and apply steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current education findings via the Indiana Department of Education (and others) for application into at least six individually-composed laboratory reports.

BIOL 122, PRINCIPLES OF BIOLOGY I (4)

(CTL Course)

Students will be able to learn cell structure (prokaryote; eukaryote), cell division, cell function, cell theory, and larger biological connections (genetics; evolution; bioenergetics) in lecture assignments, examinations, class projects, and laboratory reports. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current biology findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and biology themes.

BIOL 124, PRINCIPLES OF BIOLOGY II (4)

(CTL Course)

Students will be able to apply cell concepts (prokaryote; eukaryote) to identify and classify at least 100 organisms on Earth using morphology, functionality, genetics, and/or scientific research in lecture assignments, examinations, class projects, and laboratory reports. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current biology findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and biology themes.

BIOL 230, ANIMAL SCIENCE (PHYSIOLOGY OF DOMESTIC FARM ANIMALS) (4)

A course designed to present physiology of domestic farm animals. Function of tissues, organs, maintenance of internal steady-state conditions and body responses to external environment conditions will be presented. Physiological mechanisms involved in lactation, growth, and reproduction will be included.

BIOL 240, EQUINE SCIENCE (4)

This course provides students with an understanding of different horse types and breeds, their nutrition, breeding, evaluation, behavior, care and management with emphasis given to evaluation of the current problems and practices of horse production and use.

BIOL 252, HUMAN ANATOMY AND PHYSIOLOGY I (4)

Students will be able to learn human cellular anatomy and introductory physiology emphasizing identification and functionality of four main human body systems (integumentary; skeletal; muscular; nervous) through lecture assignments, examinations, class projects, and laboratory exercises in gross anatomy, histology, and physiology. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current anatomy and physiology findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and anatomy themes.

BIOL 254, HUMAN ANATOMY AND PHYSIOLOGY II (4)

Students will be able to learn human cellular anatomy and introductory physiology emphasizing structure and functionality of five main human body systems (cardiovascular/lymphatic; respiratory; digestive/excretory; endocrine; reproductive) through lecture assignments, examinations, class projects, and laboratory exercises in gross anatomy, histology, and physiology. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current anatomy and physiology findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and anatomy themes. Prerequisite: BIO 252, with a grade of "C" or better.

BIOL 270, MICROBIOLOGY (4)

(CTL Course)

Students will be able to compare and contrast microbial prokaryotes, eukaryotes, and non-classifieds (viruses; prions) using morphology, light microscopy, genetic testing, and other current microbiology identification and classification techniques through lecture assignments, examinations, class projects, and laboratory exercises. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current microbiology findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and microbiology themes.

BIOL 286, ECOLOGY (4)

Students will be able to learn plant and animal placement into the five-tiered ecological hierarchy (individual; population/species; community; ecosystem; biosphere) using trophic dynamics, population models, and sustainability principles. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current ecology findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and ecology themes.

BIOL 295, TOPICS IN ENVIRONMENTAL SCIENCE (1-3)

Students will be able to select their own topic or current issue in environmental science for independent study and research with mentorship by an Ancilla College Science instructor for 1, 2, or 3 credits. Students will meet with their mentor to develop a syllabus with transferable topics and correlated academic learning/meeting time for this topics course prior to course submission at both division and Academic Council levels for approval.

BIS 210, COMPUTER APPLICATIONS FOR BUSINESS (3)

Students will learn principles of a problem-solving approach, using technology to analyze data and solve problems using Microsoft Excel. They will be able to find efficient and effective solutions to real-life situations. Prerequisite: CIS 135, with a grade of "C" or better.

BUS 120, INFRASTRUCTURES (3)

Students will learn the fundamental building blocks of society. This course explores the basic systems that support our economy, food supply, transportation and our future. You will examine the development of these systems and how they support communication, commerce, and every aspect of modern society.

BUS 220, LOGISTICS & TRANSPORTATION SYSTEMS (3)

Students will learn innovations and practices in the management of inbound materials and goods that impact the ability of manufacturers to produce quality products. You will also develop practical knowledge of outbound shipping and transportation that efficiently meet the needs of customers.

BUS 240, LOGISTICS & SUPPLY CHAIN MANAGEMENT (3)

Students will learn to see everything that flows in, through and out of the company as a whole rather than as separate parts. In this course emphasis is placed on how manufacturers, distributors and end users can provide value in the supply chain.

BUS 295, TOPICS IN BUSINESS (1-3)

Students will study selected topics and/or current issues in business. Topics vary depending upon interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

CHEM 120, GENERAL CHEMISTRY I (4)

(CTL Course)

Students will learn structure and functionality of atoms, molecules, compounds, and other chemical arrangements on Earth through chemical bonding, states of matter, solution composition, and nuclear chemistry through lecture assignments, examinations, class projects, and laboratory exercises in chemistry. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current chemistry findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and chemistry themes. Prerequisite: MATH 104 with a grade of "C" or better or instructor consent.

CHEM 121, GENERAL CHEMISTRY II WITH QUALITATIVE ANALYSIS (4)

(CTL Course)

Students will be able to apply thermodynamics, chemical kinetics & equilibrium, and electrochemistry to structure and functionality of atoms, molecules, compounds, and other chemical arrangements (including metals & non-metals) on Earth through qualitative analyses of research through lecture assignments, examinations, class projects, and laboratory exercises in chemistry. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current chemistry findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and chemistry themes. Prerequisites: MATH 104 and CHEM 120, both with grades of "C" or better.

CHEM 250, ORGANIC CHEMISTRY I (4)

(CTL Course)

Students will learn structure and functionality of atoms, molecules, compounds, and other chemical arrangements on Earth through chemical bonding, states of matter, solution composition, and nuclear chemistry through lecture assignments, examinations, class projects, and laboratory exercises in chemistry. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current chemistry findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and chemistry themes. Prerequisites: MATH 104 and CHEM 121, both with grades of "C" or better.

CHEM 251, ORGANIC CHEMISTRY II (4)

(CTL Course)

Students will learn structure and functionality of five organic chemical arrangements (carbohydrates; proteins; ethers; amines; synthetic polymers) and compare and contrast reactions on Earth through lecture assignments, examinations, class projects, and laboratory exercises in chemistry. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current chemistry findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and chemistry themes. Prerequisite: CHEM 250, with a grade of "C" or better.

CHEM 295, TOPICS IN CHEMISTRY (1-3)

Students will be able to select their own topic or current issue in chemistry for independent study and research with mentorship by an Ancilla College Science instructor for 1, 2, or 3 credits. Students will meet with their mentor to develop a syllabus with transferable topics and correlated academic learning/meeting time for this topics course prior to course submission at both division and Academic Council levels for approval.

CIS 105, INTRODUCTION TO INTERNET TECHNOLOGY (3)

Students will learn about IT job roles and career opportunities, explore Internet connection methods and protocols, understand the Domain Name System (DNS), research cloud computing, and study basic browser functions including Boolean searches, plug-ins and add-ons. This is a survey course to introduce Internet Technology (IT). Topics may include Internet research and collaboration, electronic communications guidelines, risks associated with Internet connections and elements of project management. This course prepares students to take the CIW Internet Business Associate certification exam 1D0-51A.

CIS 115, INTRODUCTION TO NETWORK TECHNOLOGY (3)

Students will learn the essentials of networking technologies and skills. Students will learn network components and protocols that enable users to share data. Topics include transmission media types, network architecture and topologies, secure communication, authentication, encryption and firewalls. This course prepares students to take the CIW Network Technology Associate certification exam 1D0-51C.

CIS 125, PROBLEM SOLVING AND HELP DESK SUPPORT (3)

Students will learn key information and skills for help desk professionals. Students will learn troubleshooting and problem solving techniques, keys to successful communication with clients, how to determine a client's specific needs, and tips for training end users. Topics include supporting current technologies such as e-mail, operating systems, web browsers and cloud computing to using professional help desk software. Prerequisite: CIS135.

CIS 135, COMPUTER LITERACY (3)

Students will learn MS-Office Professional software (MS-Word, Excel, Access, and PowerPoint) with a brief introduction to Windows and the Internet. This course focuses on the applications with many lab exercises and problem solving.

CIS 145, INTERACTIVE DATABASE DESIGN (3)

Students will learn how to plan and design relational databases. Students will learn the theory behind relational databases and topic specific nomenclature. Students will learn the database design life cycle, be able to describe relational database design methodology, discuss aspects of planning and design, and explore the Structured Query Language (SQL) and the normalization process. This course prepares students to take the CIW Database Design Specialist certification exam 1D0-541. Prerequisite: CIS135.

CIS 210, VIRTUALIZATION & CLOUD COMPUTING (3)

Students will learn the theory behind Virtualization and its use in Cloud Computing. Students will discover various implementation methods and vendor products such as VMware, Hyper-V, XenServer, and QEMU. Topics include virtualization of both hardware and software implementations. Hands-on labs include real-world scenarios. Prerequisites: CIS 105 and CIS 115.

CIS 215, WEBSITE DEVELOPMENT (3)

Students will learn Web page development skills. Students will learn to develop Web sites using HTML and XHTML while incorporating images, hyperlinks, tables, forms, and frames. Students will learn to write code manually and using GUI authoring tools. Other topics include using style sheets, search engine optimization and connecting to databases. Hands-on labs include real-world scenarios. This course prepares students to take the CIW Site Development Associate certification exam 1D0-51B. Prerequisites: CIS 135, CIS 105 and CIS 115.

CIS 220, OPERATING SYSTEM TECHNOLOGY & ADMINISTRATION (3)

Students will learn Operating System (OS) technology with a brief review of Windows, Linux, and Unix OS. Students will focus on installation and troubleshooting of desktop OS, Server configuration, administration, and networking management in an organizational environment. Topics include Active Directory, PowerShell, and use of command-line interfaces. Hands-on labs include real-world scenarios. Prerequisites: CIS 135 and CIS 125; Co-requisite: CIS 210.

CIS 225, WEBSITE DESIGN (3)

Students will learn how to design and publish Web sites. Students will learn the site development process, how to identify customer expectations, and the ethical and legal issues in Web development. This course builds on knowledge from CIS155 in HTML, XHTML, and CSS plus it includes JavaScript, plug-ins, multimedia and learning current production tools such as Adobe Dreamweaver, Flash, and Microsoft Expression Web. Hands-on labs include real-world scenarios. This course prepares students to take the CIW Web Design Specialist certification exam 1D0-520. Prerequisite: CIS 215.

CIS 230, DIGITAL COMMUNICATIONS (3)

Students will learn how communication networks work. Students will learn the equipment involved in digital communications and how to set them up. Students will use communication networks and software tools that provide information to the public. Topics include why digital communication is effective and some practical uses for this technology. Hands-on labs and virtual lab simulations include real-world scenarios. Prerequisite: CIS 220.

CIS 235, JAVASCRIPT PROGRAMMING (3)

Students will learn the fundamental concepts of the Java Script language. Students will learn the skills to design client-side, platform-independent solutions that provide interactivity and interest to websites. Students will learn to use JavaScript to communicate with users, modify the Document Object Model, validate forms, animate images, create cookies, and communicate with databases. Hands-on labs include real-world scenarios. Prepares students to take the CIW JavaScript Specialist certification exam 1D0-635. Prerequisites: CIS 215 and CIS 225.

CIS 240, NETWORK DESIGN AND INFRASTRUCTURES (3)

Students will learn the principles, protocols, and architectures that have shaped the development of the Internet and modern networked applications. Students will learn network design principles, underlying protocols and technologies of the TCP/IP protocol stack as well as routing protocols like OSPF and IPv6. Topics include enterprise networks, network security, telecommunications, and network management. Hands-on labs and virtual lab simulations include real-world scenarios. Prerequisites: CIS 115 and CIS 220.

CIS 245, DESIGNING FOR E-COMMERCE (3)

Students will learn how to conduct business online. Students will learn to manage the technical issues associated with constructing an e-commerce website. Students will learn the differences and similarities between traditional and electronic commerce and will explore e-commerce technologies at various levels of sophistication. Hands-on labs include real-world scenarios. This course prepares students to take the CIWv5 E-Commerce Designer certification exam 1D0-525. Prerequisites: CIS 215 and CIS 225.

CIS 250, SECURITY AND PRIVACY (3)

Students will learn to research security issues that are faced by global communications and information systems. Students will learn to identify threats and attacks to computer security and privacy and develop methods of defense. Students will study themes such as trust, identity and forensic investigation, security techniques and cyber security. Topics include e-Commerce and a combined business/security approach to interacting with organizations and understanding business functions and work-flow processes in a deeper context. Emphasis will be on software models and design. Hands-on labs and virtual lab simulations include real-world scenarios. Prerequisite: CIS 220.

CIS 255, WEB SECURITY FOUNDATIONS (3)

Students will learn fundamental skills to secure a network from unauthorized activity. Students will learn about security principles such as establishing a security policy, identifying different types of hacker activities, implementing access control lists, hardening operating systems and implementing firewall technology. Students will learn authentication procedures, encryption standards, and the specific ports and protocols hackers manipulate. Hands-on labs include real-world scenarios. This course prepares students to take the CIW Web Security Associate certification exam 1D0-571. Prerequisite: CIS 215 and CIS 225.

COMM 100, INTRODUCTION TO MASS COMMUNICATION (3)

Students will be introduced to the role of media and its impact on social, cultural, and political change. Emphasis upon the global nature of modern media, historical evolution of media, relationships with audience, relevant debates, influence of government regulation, connection between media and other relevant industries, and ethical issues in mass communication.

COMM 115, PUBLIC SPEAKING (3)

(CTL Course)

Students will learn a variety of techniques for speech preparation and presentation applicable in professional and private life. Emphasis upon developing content, organization, analytical skills, self-confidence, listening skills, delivery skills, and persuasive techniques.

COMM 215, INTERPERSONAL COMMUNICATION (3)

Students will learn the principles and behaviors of communication between individuals. Emphasis is upon self-concept, perception, diversity, listening, non-verbal messages, interpersonal theory, conflict, relationships, impact of technology, and emotion.

COMM 225/BADM 225, BUSINESS AND PROFESSIONAL COMMUNICATION (3)

Students will be introduced to communication practices necessary for a successful professional life. Students will learn practical skills via presentations, research, resumes, interviews, meetings, and professional writing grounded in

communication and business theory. This course emphasizes interviewing, workplace culture, interpersonal and team communication, technology professional presentations, leadership, and work life balance.

COMM 230, SMALL GROUP COMMUNICATION (3)

Students will learn variety of techniques for effective group communication and task work. Emphasis upon nature of group communication, leadership styles, problem solving, decision making, unique problems, and applications to social organizations.

COMM 240/HIST 240, CINEMA HISTORY (3)

The student will be presented with an overview of the development of motion pictures from 1895 to the present. Consideration will be given to films and directors responsible for major technical and artistic innovations. Students will learn to give an analysis of historical events, figures and school of thoughts, sociological ideas and movements developed through motion pictures.

COMM 295, TOPICS IN COMMUNICATION (1-3)

Students will study selected topics and/or current issues in communication. Topics vary, depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

CRJU 150, INTRODUCTION TO THE AMERICAN CRIMINAL JUSTICE SYSTEM (3)

Students will engage in the study of agencies, processes, and values involved in the United States criminal justice system. Exploration and discussion into such areas of the American penal system include courts, prosecution, public defense, and correction systems.

CRJU 155, INTRODUCTION TO CORRECTIONS (3)

Students will gain an overall understanding of the American prison system while relating this understanding to the concept of corrections in the contemporary society. Knowledge and applications of the concepts of incarceration, subjective and objective perspectives in judgments, punitive nature of correction decisions, and the ability of corrective measures to deter crime will be topics that students will understand.

CRJU 215, JUVENILE DELINQUENCY (3)

Students will research and discuss the theories of crime and its causation. Students will understand the meaning of crime and its interaction in various aspects of contemporary and historical living.

CRJU 250, CRIMINAL LAW AND PROCEDURES (3)

Students will gain an understanding of the essentials of law and crime, and the interaction of the procedural processes that deal with them.

CRJU 273, CRIMINOLOGY (3)

Students will research and discuss the theories of crime and its causation. Students will understand the meaning of crime and its interaction in various aspects of contemporary and historical living.

CRJU 275, INTRODUCTION TO AMERICAN LAW ENFORCEMENT (3)

Students will examine the policing policies of America at the local, state, and federal levels with an emphasis on the relationship between law enforcement and other criminal justice agencies, as well as public relations.

CRJU 295, TOPICS IN CRIMINAL JUSTICE ISSUES (1-3)

Students will study selected topics and/or current issues in criminal justice. Prerequisites may vary. The Division and the Academic Council must approve all topics.

CRT 100, INTRO TO THE PROFESSION, ISSUES, TRENDS & ETHICS (1)

This course serves as an introduction to the profession of culinary arts, current trends in cooking, presentation and consumer behaviors, ethical issues in the profession, and externship expectations. This course will also address the opportunity to participate in contests required for external accreditation.

CRT 101, PRINCIPLES OF FOOD COOKING (4)

This course will introduce students to the culinary world. From the beginning of history to the actual trends and in between, students will learn the classical and contemporary culinary vocabulary. This also will cover utensils, kitchen equipment and kitchen proper professional behavior. Students will be exposed to product identifications including herbs & spices. Students will learn and be exposed to the 7 cooking techniques and the 5 mother sauces. Students will learn proper knife handling and classical knife cuts. In addition, students will learn the understanding of cold emulsifications & temporary and permanent emulsifications.

CRT 102, INTRODUCTION TO PROFESSIONAL COOKING (4)

This course will focus on the fundamental principles of contemporary classical cuisine. Class will emphasize the outcome learning objectives from CRT 101 and expand their exposure to French Classic Cuisine. Students will practice, be re-introduced, and exposed to the 7 cooking techniques and the 3 types of cooking methods. Emphasize will also be on how the product reacts based on the type of heat it is exposed to or cooked on. In addition, students will be exposed to the 5 mother sauces, potages and their derivatives. Students will reinforce and practice the concept of Mice en place, cuisine vivante, A la minute and cook to order. Students will also learn how to debone a chicken, dress & prepare flat & round fish and primary sub fabricated meat cuts. Prerequisites: CRT 101.

CRT 103, SANITATION & SAFETY (2)

This course develops an understanding of the basic principles of sanitation and safety and enables students to apply them in the food service operations. It reinforces personal hygiene habits and food handling practices that protect the health of the consumer. This course is based on the Educational Foundation of the National Restaurant Association's ServSafe training and certification coursework and includes the ServSafe certification examination. The passing of this class will be contingent upon students obtaining the ServSafe certificate.

CRT 104, INTRODUCTION TO FOOD & BEVERAGE INDUSTRY (1)

This course offers students an overview of the food service industry; its history, its structure, organization, size, economic impact, trade journals and resources with a broad review of the various food service segments and the challenges thereof. Students will be exposed to the wine and liquor industry, rules and regulations, and a comprehensive study of wine history and different varietals. In addition, students will be exposed to the Front of the house operations and different types of service styles. Student will take the Alcohol First Test as part of the class. Prerequisites: CRT103 & Interpersonal skills.

CRT 105, INTRO TO BAKING & PASTRY (4)

This course will cover fundamentals of baking and pastry (including terminology, ingredients, technology, equipment, recipe conversion, measurements, storage, and sanitation). Students will gain experience in using simple and combined baking methods. Techniques in yeast and quick bread, pastry, pie cookie, and dessert making and presentation will be covered. Students will learn the baker percentage and conversions. Prerequisite: CRT 100/HUM 101, CRT 101, CRT 102, & CRT 103.

CRT 107, INVENTORY CONTROL & PURCHASING (2)

This course will present basic principles of purchasing food, beverage, equipment, contract services, and supplies. Students will learn the necessary skills for product identification, supplier selection, ordering, receiving, storing, and issuing processes as they apply to purchasing and inventory controls in the food service industry.

CRT 209, INTERNATIONAL CUISINE (4)

This course will expose students to the International cuisines, including the Farm to Table concept. Students will develop a working understanding of the local products, traditional ethnic recipes and kitchen tools indigenous to various regional cuisines. The course will include the cuisines from National and East & Western cultures such as Scandinavian, European, Central & South American, Oriental and Middle Eastern. This class is divided in 2 sections; Classroom setting & laboratory setting. Prerequisites: CRT 100/HUM 101, CRT 101, CRT 102, CRT 103, CRT 105, & CRT 213.

CRT 213, GARDE MANGER (4)

This course will introduce students to the meaning and understating of “Cold Station”. Students will be exposed to the fundamentals of preparing hot and cold appetizers and hors d’oeuvres, canapés, lunch and dinner salads, dressings, terrines, ballotines, pates, and charcuterie, vegetable and fruit carving, garnishes, hot and cold sandwiches and food decoration. Basics of cold food pantry organization and sanitizing techniques will be covered. Students will design, plan and execute a Buffet station. This class is divided in 2 sections; Classroom setting & laboratory setting. Prerequisites: CRT 100, CRT 101, CRT 102, CRT 103, & CRT 105.

CRT 214, A LA CARTE & BUFFET SETTING (4)

This course is a fully hands on class where students will be exposed to a real restaurant setting and operation. Students will be required to design, elaborate, create and execute a full menu including A La carte and Buffet style servings based on what they have learned through the prior classes. Students will rotate through all the restaurant stations including Garde Manger, Pastry, Hot & Cold line and expediting positions. From proper sanitation practices and cooking techniques including menu development, cost control and labor scheduling, the student will experience a real life restaurant day to day operation. Prerequisite: CRT 100/HUM 101, CRT 104, CRT 107, CRT 213, CRT 209, CRT 212, & HOST 110.

CRT 299, CULINARY ARTS EXTERNSHIP (12)

This course offers students work place experience in a variety of supervised settings that are applicable to the development of a student as a professional in the food service industry. Students will have the opportunity to work in different areas under the direction of chefs and food/beverage managers. Externships will be progressive training experiences structured to fit the background and career goals of each individual student. Prerequisite: This is the capstone course for the program; therefore, all required courses must have been successfully completed.

DEVE 010, READING CONCEPTS I (3)

In this course, students will develop silent reading techniques, vocabulary, paragraph analysis, and college-level reading and comprehension proficiency. Reading difficulties will be diagnosed and individual instruction will be used. If reading score is below 50, students must enroll in this course. Credit given does not count toward a degree or GPA. A grade of “C” is required to advance. Grades will be used to determine athletic and financial aid eligibility. CREDIT GIVEN DOES NOT COUNT TOWARD A DEGREE OR GPA.

DEVE 015, WRITING CONCEPTS (3)

In this course students will review grammar, usage, and sentence mechanics, and apply basic skills and various strategies and techniques for writing paragraphs. Placement in this course is determined by the Placement Exam Score. If the score is below the designated minimum, students must enroll in this course. A grade of “C” is required to advance to ENGL 110. Grades will be used to determine athletic and financial aid eligibility. CREDIT GIVEN DOES NOT COUNT TOWARD A DEGREE OR GPA.

DEVM 025, DEVELOPMENTAL MATH (3)

Students will be able to calculate and evaluate the basic functions of math, including the numeration systems, fractions, percent and decimals, problem solving and application, ratio and proportion, and an introduction to algebra, including solving linear equations and inequalities. Placement in this course is determined by Placement Exam Score and/or with

instructor consent. If score is below 244 on the QAS Placement Exam, student must enroll in this course. A grade of "C" or better is required to advance to MATH 104. CREDIT GIVEN DOES NOT COUNT TOWARD A DEGREE.

ECON 250, MICROECONOMICS (3)

Students will be able to understand and apply the major concepts of microeconomics and how it affects our contemporary society. Critical thinking assignments will engage the students in comprehending the fundamentals of supply and demand, graphic representations of microeconomic information, the functioning of individual businesses, and the interrelationship of firms and households as decision-making units.

ECON 251, MACROECONOMICS (3)

Students will be able to understand and apply the major concepts of macroeconomics and how it affects our contemporary society. Critical thinking exercises will assure that each student will understand American and global economies and their relationships by becoming familiar with the laws of supply and demand, national income accounting, controlling variables in our economy (fiscal and monetary policy, theories of macroeconomics and their relevance to today's economy, and household and firm behavior). Prerequisite: Score of 65 or better on the Arithmetic Placement Exam or DEVM 005 with a grade of "C" or better.

ECON 295, TOPICS IN ECONOMICS (1-3)

Students will learn about selected topics and/or current issues in economics. Topics may vary depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

ED 102/MATH 102, MATHEMATICS FOR EARLY CHILDHOOD (3)

Students will be able to explain and teach problem solving, logic, sets, numeration, operations, geometry, and measurement to young children. The use of developmentally appropriate manipulatives and hands-on experiences, including computer programs, will be emphasized as well as application in early childhood settings. Designed for prospective early childhood teachers.

ED 200, TECHNOLOGY FOR TEACHERS (3)

Students will be able to gain hands-on knowledge and hands-on experience in regard to integrating technology into instructional activities in the classroom. There will be a specific emphasis on using technology for research, organization, and analysis of information. Prerequisite: CIS 135 with a grade of "C" or better.

ED 205, INTRODUCTION TO EARLY CHILDHOOD EDUCATION (3)

Students will learn about the field of early childhood education and the developing child, ages 0-8, the career of teacher, the history, the goals and the curriculum of early childhood education. Includes 20 hours of field experience in an early childhood setting.

ED 210, INTRODUCTION TO TEACHING (3)

Students will learn about what prospective teachers need to know in terms of the real issues of American education and will provide a realistic view of the qualities of successful educators. Students will be able to make an informed decision about their choice of education as a major. Prerequisite: GPA of 2.0 in college credit classes 100 level or above.

ED 250/PSY 250, EDUCATIONAL PSYCHOLOGY (3)

Students will gain an understanding to the study and application of psychological concepts in the educational process as related to child and adolescent growth, learning theory, teaching effectiveness, measurement, and research. Prerequisite: PSY 115, with a grade of "C" or better.

ED 256/PSY 256, HUMAN GROWTH/DEVELOPMENT (3)

(CTL Course)

Students will be able to gain an understanding of the physical, cognitive, emotional, social, and moral development of mankind from the prenatal period to death. Analytical and critical thinking skills will be developed in students as they relate to these concepts in education. Students will apply learning theories and measurement of individual differences. Prerequisite: PSY 115, with a grade of "C" or better.

ED 258, INTRODUCTION TO EXCEPTIONAL CHILDREN (3)

In this course students will be able to develop the ability to understand and analyze the characteristics of exceptional children, and will be able to identify their educational needs. Students will learn about the legal learning environments of special education and will be able to develop relevant teaching strategies. Students will also be able to engage in formal observations and field experience in both regular and special education programs. Prerequisites: A grade of "C" or better in ED 205 and ED 256/PSY 256 in early childhood; ED 210 and ED 250/ PSY 250 in education. ED 250/PSY 250 and ED 256/PSY 256 can be taken concurrently with ED 258.

ED 260, CURRICULUM DEVELOPMENT USING ART, MUSIC AND MOVEMENT, AND PLAY (3)

Students will be able to gain an introduction of materials and methods suitable for presenting art experiences for the young child. Students will focus on expressive and experimental opportunities available through art media, and will examine the place of art activities in the curriculum. Students will also be introduced to the relationship of music and movement in the development of the young child. They will analyze methods and materials appropriate for integrating music and movement into the early childhood curriculum, and will also introduce the importance of play in a young child's life by examining how play increases the child's ability to learn. Prerequisite: A grade of "C" or better in ED 205. Can be taken concurrently with ED 256/PSY 256.

ED 261, THE CHILD IN FAMILY, CULTURE, AND COMMUNITY (3)

Students will be able to develop an understanding of the nature of a child, the role of the child in the family structure, and the impact of culture in the life of the child. Prerequisite: A grade of "C" or better in ED 205. Can be taken concurrently with ED 256/PSY 256.

ED 262, COMMUNICATION AND EMERGENT LITERACY (3)

In this course, students will be able to explore the fields of early speech language development and literary skills. They will explore and gain an understanding of the development of specific speech sounds, language acquisition, and phonemic awareness. Prerequisite: A grade of "C" or better in ED 205. Can be taken concurrently with ED 256/PSY 256.

ED 265, LEARNING ENVIRONMENTS (3)

Students will learn and be able to discuss the theoretical base and focus on the physical, social, and cognitive aspects of the situations in which children, from infancy through age eight, learn.

ED 266, PRACTICUM IN EARLY CHILDHOOD EDUCATION AND PROFESSIONALISM (4)

Designed as a culminating experience for students in the early childhood associate degree, the student will complete a 60-hour supervised experience in a pre-kindergarten setting and learn to plan appropriate activities, accept major responsibility for guiding the children, and participate in seminars that address topics such as ethics and professionalism. Prerequisites: All Early Childhood Education courses.

ED 295, Topics in Education (1-3)

Students will study selected topics and/or current issues in education. Topics may vary depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

ENGL 110, WRITING I (3)

Students will apply the principles and techniques of effective writing in short essays and a short research paper. They will generate ideas and then develop these ideas through varied methods in varied formats. They will become acquainted with the library and other available resources. Placement in the class is determined by Placement Exam Score or a "C" in DEVE 015. A grade of "C" or better is required to advance to ENGL 112.

ENGL 200/JOUR 200, JOURNALISM I: WRITING FOR MEDIA (3)

Students will apply principles of reporting for the mass media at an introductory level, using a reporter's critical thinking skills to provide detail, accuracy, and informative, ethical communication in the news writing. Prerequisite: A grade of "C" or better in ENGL 110.

ENGL 212, WRITING II (3)

Students will concentrate on the development of advanced writing skills, directing their writings to different audiences, fulfilling varied purposes. They will also respond in writing to assigned readings in literature or other fields. Students will spend significant sections of the course writing a research paper and another major writing project. Prerequisite: A grade of "C" or better in ENGL 110.

ENGL 215, TECHNICAL WRITING (3)

Students seeking a career in a business, technical, or scientific field will improve their written and oral communication skills, building on the writing skills they developed in ENGL 110. Students will write using common business/technical formats such as business letters, memos, reports, and proposals. They will continue to focus on editing and improving their work, as well as on considering the needs of their audience. Prerequisite: A grade of "C" or better in ENGL 110.

ENGL 217, INTRODUCTION TO LITERATURE (3)

Students will examine introductory approaches to studying literature, particularly literary interpretation and critical theory, while reading and examining texts representing a variety of genres (including fiction, poetry, and drama). Classes will especially focus on discussing and writing as students formulate analysis and arguments about literary texts.

ENGL 220, WORLD LITERATURE I (3)

Students will study selected major authors of both Western and non-Western traditions beginning with Antiquity through the 17th century. The course will include information on historical, cultural, and intellectual events influencing the literature. Emphasis will be placed on the development of interpretive skills as demonstrated through class interaction and writing. The course may be taken concurrently with ENGL 110.

ENGL 221, WORLD LITERATURE II (3)

Students will study selected major authors of both Western and non-Western traditions from the 17th century to the present. The course will include information on historical, cultural, and intellectual events influencing the literature. Emphasis will be placed on the development of interpretive skills as demonstrated through class interaction and writing. The course may be taken concurrently with ENGL 110.

ENGL 222, AMERICAN LITERATURE I: BEGINNINGS TO 1865 (3)

Students will survey the development of American literature from its beginning with colonial explorers and Native-American storytellers through the colonial period, the American Revolution, and the early Romantics and Transcendentalists to early written responses to the Civil War. Students will read major authors such as Poe, Emerson, Hawthorne, Thoreau, and Melville as well as other writers of nonfiction, fiction, and poetry. Emphasis will be placed on developing interpretive skills both in discussion and writing. The course may be taken concurrently with ENGL 110.

ENGL 223, AMERICAN LITERATURE II: FROM 1865 TO PRESENT (3)

Students will survey the multiplying schools and voices within American literature since the Civil War, from local color, realism, and naturalism to twentieth and twenty-first century prose writers, poets, and dramatists. Students will read major writers such as Twain, Crane, Frost, Faulkner, and O'Connor and discuss them in the context of their historical, political, and cultural times. Emphasis will be placed on developing interpretive skills both in discussion and writing. The course may be taken concurrently with ENGL 110.

ENGL 231, CREATIVE WRITING (3)

Students will study structures, techniques, and styles basic to three literary genres: short stories, poetry, and creative non-fiction essays. Students will gain experience in writing and revising selections for each genre and engage in workshop-style critique sessions. Students will also assist in the production of Scripta, Ancilla College's annual journal of writing. Prerequisite: ENGL 110, with a grade of "C" or better.

ENGL 250/JOUR 250, JOURNALISM II: EMERGING MEDIA (3)

In a continuation of Journalism I, students will develop and perfect their interviewing, reporting, writing, and editing techniques using emerging media to film, record, and edit stories for blogs, websites, and news releases, as well as more traditional print media. Prerequisite: ENGL 200/JOUR 200 with a grade of "C" or better.

ENGL 251, SHORT STORY (3)

Students will study fiction as a major form, analyzing writers' changes in technique, tone, and subject matter from the nineteenth to the twenty-first century. They will analyze, discuss, and write about the development of the short story. Prerequisite: ENGL 110 with a grade of "C" or better.

ENGL 252, INTRODUCTION TO DRAMA (3)

Students will survey major dramatic literature from the ancient Greeks through modern times. In their study of representative plays, they will focus on playwrights; techniques and individual contributions to the world of drama. They will analyze, discuss, and write about the development of drama. Prerequisite: ENGL 110 with a grade of "C" or better.

ENGL 255, SHAKESPEARE (3)

Students will analyze in depth selected sonnets and plays (comedies, histories, and tragedies). They will write reports on their findings as well as a research paper. Prerequisite: ENGL 110 with a grade of "C" or better.

ENGL 256, CHILDREN'S LITERATURE (3)

Students will read, discuss, and evaluate various types of literature for children as well as develop presentations about selected literature for children of different ages and at different levels. Prerequisite: ENGL 110 with a grade of "C" or better.

ENGL 295, TOPICS IN ENGLISH (1-3)

Students will study selected topics and/or current issues in English. Topics will vary, depending upon the interests of faculty and students. Prerequisites will vary. The Division and the Academic Council must approve all topics.

FREN 110, FRENCH I (3)

In this introductory course, students will study the French language and culture. They will learn to communicate in common situations in Francophone culture, to listen, to speak, to read, and to write in French.

FREN 111, FRENCH II (3)

Students will again study the French culture and society. They will further their understanding and practice of the French language in listening, speaking, reading, and writing in French. Prerequisite: FREN 110.

FYE 101, FRESHMAN SEMINAR (2)

Students will learn strategies for a successful transition into the college experience including academic and personal skills, learning styles and critical thinking. This course is required of all new students who are not enrolled in Freshman Foundations.

FYE 102, FRESHMAN FOUNDATIONS (3)

In this introductory course, students will learn academic and personal skills, learning styles, critical thinking, computer technology - including the portfolio process - and strategies for college success. Priority registration will be given for STEP students. This course may substitute for Freshman Seminar with advisor approval.

HIST 144, HISTORY OF THE UNITED STATES TO 1877 (3)

Students will actively survey the political, economic, social, and cultural development of the United States from the founding of the eastern seaboard colonies through reconstruction.

HIST 145, HISTORY OF THE UNITED STATES SINCE 1877 (3)

Students will actively survey the political, economic, social, and cultural development from the end of Reconstruction (1877) to the present.

HIST 225/THEO 225, HISTORY OF THE CHRISTIAN CHURCH (3)

Students will examine historical and theological elements of Christian History from the foundation of the Church to the present. The focus will be on those events that concerned major doctrinal controversies and developments in the theology of Church, with special emphasis on causes of Christian schism and reunification.

HIST 240/COMM 240, CINEMA HISTORY (3)

The student will be presented with an overview of the development of motion pictures from 1895 to the present. Consideration will be given to films and directors responsible for major technical and artistic innovations. Students will learn to give an analysis of historical events, figures and school of thoughts, sociological ideas and movements developed through motion pictures.

HIST 255, WORLD CIVILIZATION: PRELITERATE TIMES TO 1660 (3)

Students will understand major political, social and cultural development of Europe, Asia and Africa with strong emphasis on Western Civilization.

HIST 256, WORLD CIVILIZATION SINCE 1660 (3)

Students will understand the major revolutions and wars of the modern age. This course will also emphasize the various ideological, cultural, religious, political and economic movements that have shaped the world.

HIST 275, STUDIES IN PRESIDENTIAL HISTORY (3)

Students will engage in learning a systematic analysis and interpretation of the United States presidency, the evolution of the demands and requirements of the office, and the people who have held it.

HIST 290, HISTORY OF AMERICAN WOMEN (3)

Students will be presented with, and understand a panoramic study of, the burdens, issues, and experiences of the American woman from the colonial era to the present.

HIST 295, TOPICS IN HISTORY (1-3)

Students will study selected topics and/or current issues in history. Topics may vary depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

HLTH 160, FIRST AID AND EMERGENCY PROCEDURES (2)

Students will demonstrate first-aid procedures for wounds, hemorrhage, burns, exposure, sprains, dislocations, fractures, unconscious conditions, suffocation, drowning, and poisons, with skills training in all procedures. Students will have the opportunity to become CPR certified.

HLTH 250, MEDICAL TERMINOLOGY (1) ONLINE ONLY

Students will be able to explain the importance of medical terminology; build medical terminology related to body structures, functions, and disorders; describe the organization and structure of the human body. Prerequisites: CIS 135 with a grade of "C" or better. Student must have computer and Internet access.

HLTH 295, TOPICS IN HEALTH (1-3)

Students will study selected topics and/or current issues in health. Topics may vary depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

HOST 110, INTRO TO HOSPITALITY & TOURISM (3)

This course will provide students with a thorough overview of the tourism and hospitality industry. This includes responsibilities in the food service and lodging industry and potential career opportunities. This course introduces procedures for decision making which affects operation management, products, labor, and revenue along with the critical management principles that underlie the smooth operation to the broad subject areas under hospitality and tourism. Prerequisite: ENGL 110.

HOST 200, HOTEL & LODGING MANAGEMENT (4)

This course is a study into the operational practices and contemporary principles utilized in the management of hotel and lodging properties. Examination will focus on topics such as the integration of the front desk with the sales/marketing, food and beverage, accounting, engineering, and human resource departments, as well as housekeeping, reservations, bell desk/valet services.

HOST 220/SPMT 220, FACILITIES OPERATIONS (3)

The course explores planning, developing, and managing sports facilities. Students examine existing facilities and plan for the development and management of new athletics facilities.

HPER 212, INTRODUCTION TO EXERCISE SCIENCE (3)

This course introduces the student to the field of exercise science. The course familiarizes the student with the wide range of the field, its development, and the scope of its content. Different career opportunities and organizations in the exercise sciences are discussed. Students are introduced to vocabulary and major concepts in each content area. Content areas included are exercise physiology, sports nutrition, health and epidemiology, sports biomechanics, athletic training, sports psychology and others.

HPER 215, PRINCIPLES & PRACTICE OF EXERCISE SCIENCE (3)

In this course, students will be involved in setting up, participating in, and evaluating personal fitness activities within school, recreational, and corporate settings. Students will study the scientific principles related to physical fitness and the practical application of principals to directing fitness programming in each of these settings. Prerequisite: A grade of "C" or better in HPER 212.

HPER 259, CARE AND PREVENTION OF ATHLETIC INJURIES (3)

This course will prepare students to recognize an injury, evaluate it, and begin appropriate care. Students will be introduced to the basic principles of athletic taping and bracing by learning theory and application strategies. Student will be exposed to injuries and conditions that occur in athletics and physical activity. Prerequisite: HPER 212; Co-requisite: BIOL 252.

JOUR 200/ENGL 200, JOURNALISM I: WRITING FOR MEDIA (3)

Students will apply principles of reporting for the mass media at an introductory level, using a reporter's critical thinking skills to provide detail, accuracy, and informative, ethical communication in the news writing. Prerequisite: A grade of "C" or better in ENGL 110.

JOUR 250/ENGL 250, JOURNALISM II: EMERGING MEDIA (3)

In a continuation of Journalism I, students will develop and perfect their interviewing, reporting, writing, and editing techniques using emerging media to film, record, and edit stories for blogs, websites, and news releases, as well as more traditional print media. Prerequisite: ENGL 200/JOUR 200 with a grade of "C" or better.

MATH 102/ED 102, MATHEMATICS FOR EARLY CHILDHOOD (3)

Students will be able to explain and teach problem solving, logic, sets, numeration, operations, geometry, and measurement to young children. The use of developmentally appropriate manipulatives and hands-on experiences, including computer programs, will be emphasized as well as application in early childhood settings. Designed for prospective early childhood teachers.

MATH 104, INTERMEDIATE ALGEBRA (3)

Students will be able to work with real numbers and variables to solve linear equations and inequalities; application problems; absolute value equations and inequalities; systems of equations; rational, radical, and quadratic equations; as well as work with linear functions and graphs; polynomials and their functions; radical and rational expressions and complex numbers. Prerequisites: Prerequisites: Score of 245 or above on QAS Placement Exam or DEVM025 with a grade of "C" or better.

MATH 105, MATHEMATICS FOR ELEMENTARY TEACHERS I (3)

Students will be able to explain and teach problem solving, inductive and deductive reasoning, numeration systems, natural numbers, sets, modular arithmetic, elementary number theory, basic algebra, and integer operations. Prerequisites: Score of 241 or above on QAS Exam on Elementary Algebra Placement Exam.

MATH 106, MATHEMATICS FOR ELEMENTARY TEACHERS II (3)

Students will be able to explain and teach number operations with rational and real numbers, decimals and percent, ratio and proportion, and will analyze data, probability, and statistics. As a sequel to MATH 105, this course is designed for prospective elementary school teachers. Prerequisite: MATH 105 with a grade of "C" or better.

MATH 107, MATHEMATICS FOR ELEMENTARY TEACHERS III (3)

Students will be able to explain and teach two and three dimensional geometry, measurement, metric system, constructions/mappings, and coordinate geometry. As a sequel to MATH 105 and MATH 106, this course, based on the curriculum standards set by NCTM, is designed for prospective elementary school teachers. Prerequisites: MATH 105 and MATH 106, both with a grade of "C" or better.

MATH 110, COLLEGE ALGEBRA (3)

(CTL Course)

Students will be able to work with real numbers; complex numbers and variables to solve equations and inequalities; and examine functions and their properties. They will include radical; rational; absolute value; polynomial; conic; exponential and logarithmic functions and equations. Students will learn the properties of matrices and use them to solve systems of linear equation. Students will apply the concepts of college algebra to real world problems. A graphing calculator is required. Prerequisite: Score of 258 or above on QAS Exam or MATH 104 with a grade of "C" or better.

MATH 111, MATHEMATICS & ITS APPLICATION (3)

(CTL Course)

Through applications relevant to today, the student will learn to use mathematical reasoning in decision making. We will explore the use of voting theory, fair division of goods; finance; graph theory; set theory; logic; graphs and tables; statistics; and technology. Prerequisites: Two years of high school algebra & one year of high school geometry (recent) or Math 104 with a C or better or placement testing score of 256 or better on the QAS Placement Exam.

MATH 125, FINITE MATHEMATICS (3)

Students will be able to manipulate systems of linear equations and matrices, use linear programming, understand probability and statistics, make decisions using the mathematics of finance, use Markov chains or equivalent and evaluate games and decisions. Throughout the course, there is an emphasis on realistic applications, examples, and exercises in business, economics, and the life and social sciences. A graphing calculator is required. Prerequisite: Score of 258 or above on QAS Exam or MATH 104 with a grade of "C" or better.

MATH 130, TRIGONOMETRY (3)

Students will be able to use functions of angles, identities, related angles, radian measure, graphs and trigonometric functions, addition formulas and related identities, oblique triangles, and inverse trigonometric functions to apply properties of angles to real-world applications. A graphing calculator is required. Prerequisite: Score of 262 or above on QAS Exam or MATH 110 with a grade of "C" or better.

MATH 215, STATISTICS (3)

Students will be able to use sampling methods and pitfalls, frequency distributions, correlation and regression, descriptive statistics, probability, probability distributions, hypothesis tests and interval estimates, statistical inference with two populations, statistical inference concerning proportions and standard deviations to create and evaluate statistical studies. A graphing calculator is required. Prerequisite: Score of 258 or above on QAS Exam or MATH 104 with a grade of "C" or better

MATH 220, PRE-CALCULUS (4)

Students will be able to solve linear and quadratic equations, solve inequalities, work with rational, exponential, logarithmic, and trigonometric equations and functions, and use trigonometric identities at the level needed for success in calculus. Prerequisite: Score of 265 or above on QAS Exam or MATH 110 with a grade of "C" or better.

MATH 230, CALCULUS I (5)

(CTL Course)

Students will be able to examine the properties of functions; calculate limits; calculate various derivatives, including implicit differentiation; and apply limits and derivatives to real-world problems. Prerequisites: Score of 270 or above on QAS Exam or MATH 110 and MATH 130 or MATH 220, both with a grade of "C" or better.

MATH 231, CALCULUS II (5)

(CTL Course)

Students will be able to calculate integrals of functions of a single variable, work with sequences and series, perform calculations using vectors and polar coordinates, and apply integrals to real-world problems. Prerequisite: MATH 230 with a grade of "C" or better.

MATH 295, TOPICS IN MATHEMATICS (1-3)

Students will be able to select their own topic or current issue in mathematics for independent study and research with mentorship by an Ancilla College Mathematics instructor for 1, 2, or 3 credits. Students will meet with their mentor to develop a syllabus with transferable topics and correlated academic learning/meeting time for this topics course prior to course submission at both division and Academic Council levels for approval.

MGT 210, PRINCIPLES OF MANAGEMENT (3)

Students will learn the large concepts and applications of planning, organizing, leading, and controlling in the contemporary business environment. Students will also become familiar with the application of more detailed concepts such as the evolution of management thought, ethics and social responsibility, managing diverse employees in a multicultural environment, strategy planning, human resource management, and managing organizational structure and change.

MGT 280, BUSINESS CASE STUDIES (3)

Students will learn about current issues, special topics, and business analysis. Students will integrate critical thinking, written and oral communication, and managerial practices in a complete case study.

MGT 295, TOPICS IN MANAGEMENT (1-3)

Students will learn about selected topics and/or current issues in management. Topics may vary depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

MKT 220, PRINCIPLES OF MARKETING (3)

Students will learn about the activities and decisions involved in the flow of quality goods and services to the ultimate domestic and international users with analysis of the marketing strategies of various diverse organizations.

MUS 115, MUSIC THEORY I (3)

Students will learn fundamentals of notation and written harmonic techniques based on the composers of the 17th - 19th centuries. Emphasis is on principles of part writing and figures, basses, analysis in melodies, rhythms, harmonies, and small forms.

MUS 116, MUSIC THEORY II (3)

Students will continue learning the principles of MUS 115, adding secondary and dominant seventh chords and beginning modulations; they will be encouraged to create original music. Prerequisite: MUS 115, with a grade of "C" or better.

MUS 125, APPRECIATION OF MUSIC (3)

Students will study the general background of music from primitive times to the present with emphasis on listening. Students' understanding and enjoyment of all styles of music will be increased through an explanation of themes, content, and form.

MUS 132, ORGAN LITERATURE I (3)

Students will survey organ literature suitable for church services with consideration given to the church year; students will perform in class. Each student is required to attend four organ recitals and/or church services where a major musical work is being performed.

MUS 133, ORGAN LITERATURE II (3)

Students will survey organ literature in a continuation of MUS 132. Prerequisite: MUS 132, with a grade of "C" or better.

MUS 136, ORGAN I (1)

First of four semesters of organ that may be taken for credit. Applied Music fee.

MUS 137, ORGAN II (1)

Second of four semesters of organ that may be taken for credit. Prerequisite: MUS 136, with a grade of "C" or better; Applied Music fee.

MUS 138, ORGAN III (1)

Third of four semesters of organ that may be taken for credit. Prerequisite: MUS 137, with a grade of "C" or better. Applied Music fee.

MUS 139, ORGAN IV (1)

Fourth of four semesters of organ that may be taken for credit. Prerequisite: MUS 138, with a grade of "C" or better. Applied Music fee.

MUS 140, PIANO I (1)

First of four semesters of piano that may be taken for credit. Students will play all major, harmonic and melodic minor scales, 4 octaves minimum, tempo 80, two- or three-part inventions, suites, dances of Bach, Haydn, Mozart, and Beethoven sonatas equal to the difficulty of Mozart's Sonata in A, as well as shorter works of Romantic and Modern composers. Applied music fee.

MUS 141, PIANO II (1)

Second of four semesters of piano that may be taken for credit. Students will play scales as above, tempo 100. Students will also play major, minor, dominant, and diminished arpeggios, 4 octaves, all keys, all positions, and 4 octaves 80. Students will also play preludes and fugues from Bach's The Well-Tempered Clavier, sonatas to the difficulty of Beethoven's Pathetique, and standard works of Romantic and Modern composers. Prerequisite: MUS 140; Applied Music fee.

MUS 142, PIANO III (1)

Third of four semesters of piano that may be taken for credit. Prerequisite: MUS 141, with a grade of "C" or better. Applied Music fee.

MUS 143, PIANO IV (1)

Fourth of four semesters of piano that may be taken for credit. Prerequisite: MUS 142, with a grade of "C" or better. Applied Music fee.

MUS 144, VOICE (1)

First of four semesters of voice that may be taken for credit. Voice students learn proper vocal technique through vocal exercises and the study of solo vocal literature. Vocal literature chosen by the instructor to meet the student's needs and ability.

MUS 145, VOICE II (1)

Second of four semesters of voice that may be taken for credit. Prerequisite: MUS 144.

MUS 146, VOICE III (1)

Third of four semesters of voice that may be taken for credit. Prerequisite: MUS 145.

MUS 147, VOICE IV (1)

Fourth of four semesters of voice that may be taken for credit. Prerequisite: MUS 146.

MUS 148, VIOLIN (1)

Students are expected to learn proper violin technique through scales, etudes, and the study of solo violin literature. A variety of violin literature will be chosen by the instructor to meet the needs and ability of the student. Applied music fee.

MUS 295, TOPICS IN MUSIC (1-3)

Students will study selected topics and/or current issues in Music. Topics may vary, depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

NURS 100, DOSAGE CALCULATIONS (3)

The student will develop and/or strengthen study, test-taking, and critical thinking skills for safe professional nursing practice. Basic mathematical concepts and dosage calculations will be practiced. Case scenarios will be used to develop critical thinking skills while applying the nursing process. Pre-requisite: Admission to the nursing program. Co-requisite: NURS 110 and HLTH 161 or admission to the LPN to RN Bridge Program.

NURS 110, FUNDAMENTALS OF NURSING (6)

The student will identify basic human needs and develop conceptual skills required for therapeutic nursing interventions with culturally diverse individuals. Students will learn beginning concepts of safety, informatics, and patient-centered care. Student focus is placed on providing a solid foundation of basic technical and interpersonal skills. Students will provide total care for one patient in the long-term care setting. The nursing process is introduced, including its application to nursing care, using clinical and laboratory settings. Prerequisites: Admission to the nursing program.

NURS 111, MEDICAL-SURGICAL NURSING I (5)

Based on latest evidence for patient-centered care, the student will develop multifaceted psychomotor skills in a variety of settings and will begin to assimilate into the nursing role. Students will be provided opportunities to administer safe, technologically-current care to individuals experiencing chronic stable and common acute health conditions in acute care and community settings. Students will provide total care for at least one patient in the acute care setting. Prerequisite: HLTH 161, NURS 100, NURS 110.

NURS 150, MEDICAL TERMINOLOGY FOR NURSING (2)

Students will understand and properly use basic and specialized medical terminology including vocabulary related to normal physiological and disease processes.

NURS 200, LPN TO RN TRANSFER (3)

The focus of this course is on the role development and transition of the LPN to the RN. The course introduces the student to the definition, roles and responsibilities of the registered nurse in providing nursing care to clients, families and groups, and communities in their environment. Role concepts essential for the RN to provide and manage care as a member of the profession are emphasized. The student will utilize critical thinking as it relates to the assessment, diagnosis, management and evaluation in the provision of professional nursing practice. Principles of evidence based nursing research will be identified to guide the teaching/learning process

NURS 202, MEDICAL-SURGICAL NURSING II (5)

Based on latest evidence for patient-centered care, the student will practice complex psychomotor skills in a variety of settings and continue to assimilate into the nursing role. Students are provided opportunities to administer safe, technologically-current care to individuals experiencing increasingly complex chronic and acute health conditions. Students will provide total care for at least one patient in the acute care setting. Prerequisites: NURS 111 or admission into the Bridge program.

NURS 203, MEDICAL-SURGICAL NURSING III (6)

Building upon Med/Surg II and using the latest evidence for patient-centered care, the student will continue to assimilate into the nursing role and utilize more advanced psychomotor skills in a variety of critical, urgent, and emergent settings. Quality systems in place in the clinical setting will be identified and evaluated for their effects on improvement of safe patient care. Students are provided opportunities to administer collaborative, technologically current care to individuals

experiencing critical illness and unstable acute conditions. Students will provide total care for at least 2 patients in the acute-care, critical-care and emergent care settings. Prerequisites: NURS 202.

NURS 240, NURSING ISSUES, TRENDS & ETHICS (3)

The student will be introduced to current issues and trends that impact the professional practice of nursing. This course will emphasize interpersonal relationships, cultural diversity, legal and ethical responsibilities, quality improvement, and nursing as a profession. The student will demonstrate appropriate supervision and delegation skills. Prerequisites: NURS 111.

NURS 246, CARE FOR SPECIALIZED POPULATIONS I (5)

In this course, the student will gain knowledge related to the reproductive process, prenatal, antepartum and postpartum periods, with a focus on health promotion, current standards of care, and safe drug administration for mother and infant. The student will gain knowledge in caring for the pediatric patient and their family, while focusing on growth, development and nutrition needs of the pediatric patient. The student will explore how to care for the pediatric patient experiencing neurological and musculoskeletal conditions. Prerequisites: NURS 111.

NURS 247, CARE FOR SPECIALIZED POPULATIONS II (5)

In this course, the student will gain knowledge in caring for the pediatric patient and their family, while focusing on acute and chronic disease processes. The student will explore how to care for the pediatric patient experiencing respiratory, cardiovascular, blood, gastrointestinal, genitourinary, skin, and metabolic conditions. The student will gain knowledge on childhood communicable disease, and emotional and behavioral issues. The mental health portion of this course will enable the student to therapeutically communicate with patients experiencing chronic and acute mental health and substance abuse conditions across the lifespan. Prerequisites: NURS 246.

NURS 260, PHARMACOLOGY (3)

The student will develop and/or strengthen study, test-taking, and critical thinking skills for safe professional nursing practice. Basic mathematical concepts and dosage calculations will be practiced. This course begins the student nurse's education on the concepts of Pharmacotherapeutics and establishes a base of knowledge that applies to patient care and education. Understanding of the major drug classifications, their physiological and pathophysiological using the nursing process will be mastered. Pre-requisite: Admission to the nursing program and completion of the prerequisites. Co-requisite: NURS 110 or admission to the LPN to ASN Nursing Program.

NUTR 110, NUTRITION (3) ONLINE ONLY

Students will relate significant contributions from chemistry, biology and physiology to the principles of nutrition at the molecular level. Students will analyze each of the nutrients known to be of importance in the science of nutrition from many angles. Students will understand the body's metabolic needs and how to meet them.

PHIL 115, INTRODUCTION TO PHILOSOPHY (3)

(CTL Course)

Students will learn about the history, methods, and various topics in philosophy, such as the Socratic Method, the nature of reality and perception, ethics, metaphysics, epistemology, and philosophy of religion. Students will develop more sophisticated tools for logic and reasoning, while learning to think critically and communicate effectively in oral and written form.

PHIL 150, LOGIC (3)

Students will learn different strategies for constructing and evaluating arguments - developing the skills needed to deal competently with the concepts of deductive and inductive logic. Arguments encountered in everyday life, as well as more formal techniques of logical analysis, both traditional and contemporary, are studied.

PHIL 155, ETHICS (3)

(CTL Course)

In this course, students will study the history and methods of theological and philosophical ethics. They will examine classical ethical theories and learn to apply them in moral decision-making in everyday life. Students will learn to think critically and to articulate their own viewpoints - in oral and written form - based on these theories.

PHIL 295, TOPICS IN PHILOSOPHY (1-3)

Students will study selected topics and/or current issues in philosophy. Topics may vary depending upon the interests of the faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

PHYS 201, PHYSICS I (4)

Students will be able to learn structure and functionality of waves, heat, thermodynamics, and Newtonian mechanics through lecture assignments, examinations, class projects, and laboratory exercises in physics. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current physics findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and physics themes. Prerequisite: MATH 110, with a grade of "C" or better.

PHYS 202, PHYSICS II (4)

Students will be able to learn structure and functionality of electricity, magnetism, relativity, and quantum theory with atomic and nuclear applications through lecture assignments, examinations, class projects, and laboratory exercises in physics. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions & discussion) and research current physics findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and physics themes. Prerequisite: PHYS 201, with a grade of "C" or better.

PSC 110, GEOSYSTEMS OF THE EARTH (4)

Students will be able to learn how large-scale physical forces (volcanism; continental drift; lightning; cycling of matter; weather) have shaped and altered Earth's landscape over time. Students will be able to learn steps of the scientific method (observation; hypothesis; materials & methods; data; conclusions and discussion) and research current physical science findings via peer-reviewed scientific sources for application into at least six individually-composed laboratory reports emphasizing critical thinking and physical science-related themes.

PSCI 150, INTRODUCTION TO POLITICAL SCIENCE (3)

Students will study and investigate the historic and economic origins of the field of Political Science, and the various ideologies, philosophies, and evolutionary thought which encompasses it.

PSCI 160, AMERICAN NATIONAL GOVERNMENT (3)

Students will study and understand the historical origin, the Constitutional basis and the dynamics, forms, powers, and functions of the national government.

PSCI 270, UNITED STATES POLITICAL HISTORY (3)

The origin and evolution of political parties, election results, historic political leaders, the process of being elected to office, and an analysis of how our unique political system works.

PSCI 295, TOPICS IN MUNICIPAL GOVERNMENT (1-3)

A study of selected topics and/or current issues in municipal government. Topics may vary depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

PSY 115, GENERAL PSYCHOLOGY (3)

(CTL Course)

Students will explore fundamental principles of psychology with emphasis on basic research and applications in psychology's major theoretical areas of study: emotion, cognition, memory, learning, perception, personality, social processes, development, and the physiological bases of psychology.

PSY 220/SOC 220, SOCIAL PSYCHOLOGY (3)

(CTL Course)

Students will examine how social influences regulate individual and group behavior. Course topics include the development of the self, the process of socialization, social roles, affiliation, leadership and power, group decision-making, exchange and bargaining, altruism and helping, deviance and collective behavior, communication and conformity, moral thought and action, aggression, attribution, attraction, attitudes, bias, and prejudice.

PSY 250/ED 250, EDUCATIONAL PSYCHOLOGY (3)

Students will gain an understanding to the study and application of psychological concepts in the educational process as related to child and adolescent growth, learning theory, teaching effectiveness, measurement, and research. Prerequisite: PSY 115, with a grade of "C" or better.

PSY 251/SPMT 251, SPORTS PSYCHOLOGY (3)

Sports psychology principles applied in a coaching environment including, but not limited to concepts of motivation, confidence building, competitive anxiety, communication skills, group processes, and emotional growth.

PSY 256/ED 256, HUMAN GROWTH/DEVELOPMENT (3)

(CTL Course)

Students will be able to gain an understanding of the physical, cognitive, emotional, social, and moral development of mankind from the prenatal period to death. Analytical and critical thinking skills will be developed in students as they relate to these concepts in education. Students will apply learning theories and measurement of individual differences. Prerequisite: PSY 115, with a grade of "C" or better.

PSY 265, ABNORMAL PSYCHOLOGY (3)

Students will explore the etiology, symptomology, assessment and treatment of psychopathology and maladaptive behaviors. Topics include stress and anxiety disorders, somatoform and dissociative disorders, mood disorders and suicide, eating and sleep disorders, sexual and gender identity disorders, personality disorders, substance abuse and control disorders, childhood disorders, developmental and cognitive disorders, schizophrenia and other psychotic disorders.

PSY 295, TOPICS IN PSYCHOLOGY (1-3)

Students will study selected topics and/or current issues in psychology. Topics may vary depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

REL 101, INTRODUCTION TO RELIGIOUS STUDIES (3)

In this course, the students will become acquainted with the ideas of major figures in the academic study of religion and gain an introductory grasp of the methodological approaches and issues in the field of religious studies.

REL 152, STUDY OF WORLD RELIGIONS (3)

Students will learn the basic beliefs and practices of at least 10 of the world's major spiritual traditions, as well as methodology, rituals, and symbols. Special emphasis is given to each student's developing his/her own personal statement of belief.

REL 160, RELIGION AND AMERICAN CULTURE (3)

Students will learn religion's central role in the shaping of America as well as the development of religious institutions, and the distinctive practices and beliefs of traditional religious groups in the United States. Special emphasis will be given to religious diversity and tolerance.

REL 215/THEO 215, OLD TESTAMENT (3)

Students will be introduced to the history of ancient Israel as presented in the Scripture. Students will learn the guidelines for, and fundamentals of, biblical exegesis - acquiring the academic tools for studying, interpreting, and understanding the Old Testament. Emphasis is given to the Pentateuch, Historical Books, Prophets, and Wisdom Writings.

REL 216/THEO 216, NEW TESTAMENT (3)

Students will be introduced to the development of the early communities of the Christian faith as presented in the Scripture. Students will learn the guidelines for, and fundamentals of, biblical exegesis - acquiring the academic tools for studying, interpreting, and understanding the New Testament. Emphasis is given to the life and teaching of Jesus and the formation of the early Church in the Epistles and Revelation.

REL 295, TOPICS IN RELIGION (1-3)

Students will study selected topics and/or current issues in religion. Topics may vary, depending upon the interests of faculty and student. Prerequisites may vary. The Division and Academic Council must approve all topics.

SOC 140, INTRODUCTION TO SOCIOLOGY (3)

(CTL Course)

Upon completion of this course students will be able to understand the basic concepts and analytical approaches necessary to understand social structures, human group interactions, and processes. Students will gain an understanding of the organization of social life, social institutions, and social inequalities, as well as our changing society.

SOC 160, SOCIAL PROBLEMS (3)

(CTL Course)

Students will understand and analyze selected problems of contemporary American society, particularly those arising from personal deviance, social disorganization, and social change. Successful students will be able to do an evaluation of remedial measures. As well as understanding relevant theories, students will be able to comprehend methods used to identify and analyze social problems. Prerequisite: SOC 140, with a grade of "C" or better.

SOC 170, CULTURE AND SOCIETY (3)

In this general survey of cultural anthropology, students will be able to obtain an understanding of a comparative study of contemporary human cultures while examining social processes and behaviors within different cultural contexts and environments. Prerequisite: SOC 140 with a grade of "C" or better.

SOC 220/PSY 220, SOCIAL PSYCHOLOGY (3)

(CTL Course)

Students will examine how social influences regulate individual and group behavior. Course topics include the development of the self, the process of socialization, social roles, affiliation, leadership and power, group decision-making, exchange and bargaining, altruism and helping, deviance and collective behavior, communication and conformity, moral thought and action, aggression, attribution, attraction, attitudes, bias, and prejudice.

SOC 265, MARRIAGE AND THE FAMILY (3)

Students will investigate the family as a social and cultural institution, including the increasing diversity of contemporary American families. Students will analyze functions of American families and examine the impact of gender on family roles and intimate relationships. Course topics include falling in love, partner selection, marital adjustment, communication and conflict resolution, divorce, domestic violence and parenting.

SOC 291, SOCIOLOGY OF THE AGING (3)

Students will be introduced to the field of social gerontology and examine aging from the perspectives of sociology, psychology, social demography, history, cross-cultural analysis, biology, medical sciences, politics and economics. Students will investigate issues of health care for the elderly, death and dying, and the social and economic outlook for an aging population.

SOC 295, TOPICS IN SOCIAL ISSUES (1-3)

Students will study selected topics and/or current issues in social issues. Topics may vary depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

SPAN 110, SPANISH I (3)

(CTL Course)

Students will expand their knowledge of the Spanish language and culture. They will develop their communication skills in four areas: listening, speaking, reading, and writing. Students will be expected to use as much Spanish as possible in class, during the daily lessons, which will include individual, pair, and group work.

SPAN 111, SPANISH II (3)

(CTL Course)

In the second course in the sequence, students will continue to expand their competency in communicating by participating in varied class activities, reinforcing listening, speaking, reading, and writing. Prerequisite: SPAN 110 with a grade of "C" or better.

SPAN 295, TOPICS IN SPANISH (1-3)

Students will study selected topics and/or current issues related to Spanish. Topics may vary, depending upon the interests of faculty and students. Prerequisites may vary. The Division and the Academic Council must approve all topics.

SPMT 110, INTRO TO SPORTS MANAGEMENT (3)

This course provides an overview of the sports management field, which includes the development of the industry, its current state, and future trends. Students will be introduced to basic tenets and principles in sports management and explore career options. Primary focus of the sport industry includes professional and amateur sport entertainment, for profit and nonprofit sport participation, sporting goods, sports tourism and sport services.

SPMT 160, GOLF SHOP MANAGEMENT (4)

This is an introduction to the management of various types of golf facilities. Topics of study include Business Planning, Personnel Management, Tournament and Handicapping Operations, Golf Car Fleet Operations, Merchandising and Inventory Management and Customer Relations.

SPMT 170, COACHING THEORY & PRINCIPALS (3)

The purpose of this course is to introduce students to characteristics and skills used by effective leaders in athletics. This class will enable students to develop a personal leadership philosophy as well as enhance their repertoire of how to motivate and manage human behavior.

SPMT 220/HOST 220, FACILITIES OPERATIONS (3)

This course explores planning, developing, and managing sports facilities. Students examine existing facilities and plan for the development and management of new athletic facilities.

SPMT 251/ PSY 251, SPORTS PSYCHOLOGY (3)

Sports psychology principles applied in a coaching environment including, but not limited to concepts of motivation, confidence building, competitive anxiety, communication skills, group processes, and emotional growth.

THEO 160, INTRODUCTION TO CHRISTIAN THEOLOGY (3)

Students will learn about the nature of Theology as “Faith seeking understanding” and examine theological issues of God, Humanity, Christ, Scripture, Revelation, Church, Sacraments, and Christian Morality as a means of developing an awareness and understanding of the Christian faith. Students will also develop basic skills for future course work in Theology and/or Religious Studies.

THEO 215/REL 215, OLD TESTAMENT (3)

Students will be introduced to the history of ancient Israel as presented in the Scripture. Students will learn the guidelines for, and fundamentals of, biblical exegesis - acquiring the academic tools for studying, interpreting, and understanding the Old Testament. Emphasis is given to the Pentateuch, Historical Books, Prophets, and Wisdom Writings.

THEO 225/HIST 225, HISTORY OF THE CHRISTIAN CHURCH (3)

Students will examine historical and theological elements of Christian History from the foundation of the Church to the present. The focus will be on those events that concerned major doctrinal controversies and developments in the theology of Church, with special emphasis on causes of Christian schism and reunification.

THEO 230, SPIRITUALITY (3)

Students will examine the major spiritual developments, trends, practices and writings throughout the history of Christianity. Special emphasis will be paid to understanding spiritual classics and devotional practices within their initial historical context and later periods. Instructors may bring in insights from other faith traditions or the social sciences in order to fully explore some topics.

THEO 250, HUMANITY, GRACE & THE SACRAMENTS (3)

Students will explore Christian beliefs regarding the creation of the cosmos, human beings as male and female in the image of God, free will, the origins of sin and evil, suffering and death, salvation through grace and the sacraments, and the resurrection of the dead and last things. Attention will be given to various opinions and controversies concerning these beliefs.

VN 100, INTRODUCTION TO VETERINARY NURSING (2)

Students will examine the role of the veterinary nurse/technician in the workplace. Students will learn about employment opportunities and areas of specialization, as well as related concepts in ethics, professionalism and laws and regulations governing veterinary nurses/technicians. Students will learn medical terminology. Students will learn animal handling and husbandry concepts, basic animal behavior, and human health hazards associated with veterinary medicine. This course is only available to students in the Veterinary Nursing Program.

VN 110, ANATOMY FOR VETERINARY NURSING (4)

Students will learn the fundamentals of anatomy of domestic animals, especially the canine and feline, with emphasis on locating and identifying the anatomical regions and landmarks. Introduction to descriptive and topographical terms will be discussed. Students will learn the fundamental techniques involved in anatomic dissection, as well as necropsy procedures. Students will be dissecting preserved and fresh animal specimens during this course. This course is only available for students in the Veterinary Nursing Program.

VN 111, PHYSIOLOGY FOR VETERINARY NURSING (2)

Students will learn basic mammalian physiology, which covers general physiological processes with emphasis on domestic animals. This course emphasizes the difference between the systems of domestic animals. Aspects of physiology relating to the pathogenesis of certain diseases will also be discussed. This course is only available to students in the Veterinary Nursing Program.

VN 120, SMALL ANIMAL NURSING I (3)

Students will learn about hospital maintenance and disinfection, general patient care, clinical nutrition, medicating animals, exam room techniques, zoonotic diseases, preventative health programs, oncology, reproduction and neonatal care. Human-Animal bond and euthanasia will be discussed, as well as any other topics related to the AVMA essential skills assigned as course content. This course is only available to students in the Veterinary Nursing Program.

VN 130, CLINICAL LAB I (2)

This course will consist of clinical skills, laboratory equipment and veterinary nursing procedures. Topics include the care and handling of small animals, animal restraint, physical examinations, specimen collection, medication administration and other clinical nursing skills. Any other topics related to the AVMA essential skills assigned as course content will be included. Students will practice and complete skills using models and live animals where appropriate. Essential Required Skills will be checked off during this course as required for graduation. This course is only available to students in the Veterinary Nursing Program

VN 200, PHARMACOLOGY FOR VETERINARY NURSING (3)

Students will examine the fundamentals of pharmacology as it relates to the veterinary nurse/technician. This class looks at the effects of different drugs on the animal body and their uses for combating various ailments. Students will learn about drug recognition, labeling and packaging, calculating and measuring appropriate dosages for each animal, and administering, storing and inventorying pharmaceuticals. Students will also study normal and abnormal responses to therapeutic agents. This course is only available to students in the Veterinary Nursing Program.

VN 210, CLINICAL LABORATORY PROCEDURES (2) Students will study laboratory techniques and procedures used in evaluating veterinary clinical samples. This will include hematology, urinalysis, parasitology, cytology, serology, microbiology, blood coagulation, blood biochemistry, and immunological tests, as well as any other topics related to essential AVMA skills assigned to this course. The veterinary nurse/technician's role in sample collection, sample storage and handling and performance of analytic procedures will be emphasized. Skills are developed in the use of laboratory equipment, laboratory safety and quality control. This course is only available for students in the Veterinary Nursing Program.

VN 220, SMALL ANIMAL NURSING II (3)

Students will learn about fluid therapy, transfusion medicine, toxicology, emergency and critical care, and wound care and management. Students will learn about physical therapy, rehabilitation and alternative therapies used in veterinary medicine. Students will learn about basic dentistry and the skills required to complete a canine/feline dental. Students will complete RECOVER BLS and ALS CPR Courses during this class. Other topics related to the AVMA essential skills may also be included in this course. This course is only available to students in the Veterinary Nursing Program.

VN 225, LARGE ANIMAL NURSING (3)

Students will learn about handling, care and restraint associated with large animals. Preventative medicine, common medical and surgical procedures, nutritional requirements, veterinary nursing skills, safety and humane issues will be covered, as well as many other topics related to essential AVMA skills assigned to this course. Part or this entire course will meet at an off campus location. This course is only available to students in the Veterinary Nursing Program.

VN 230, CLINICAL LAB II (2)

This course will consist of clinical skills, laboratory equipment and veterinary nursing procedures. Topics include the care and handling of small animals, animal restraint, physical examinations, specimen collection, medication administration and other clinical nursing skills. Any other topics related to the AVMA essential skills assigned as course content will be included. Students will practice and complete skills using models and live animals where appropriate. Essential Required

Skills will be checked off during this course as required for graduation. This course is only available to students in the Veterinary Nursing Program.

VN 240, INTEGRATIONS I (1)

An introduction to problem based learning of the nursing process (patient evaluation, interventions, and desired resolutions) using a case based approach. This course will integrate foundational knowledge from anatomy, physiology, pharmacology, and veterinary nursing courses. Cases will involve different domestic animal species. Students will learn using a variety of teaching modalities (lecture, group work, problem based learning). This course is only available to students in the Veterinary Nursing Program.

VN 250, SURGERY & ANESTHESIA (3)

Students will study concepts of surgical nursing and anesthesiology. They will learn the administration and monitoring of anesthesia, analgesia, surgical assisting, record keeping and preparation/maintenance of the surgical room and instruments, as well as other topics related to essential AVMA skills assigned to this course. Student will become familiar with surgical instruments and common surgical procedures performed in small animal medicine. This course is only available to students in the Veterinary Nursing Program.

VN 255, LAB & EXOTICS (3)

This course focuses on laboratory and exotic animal husbandry, handling, restraint, and specific problems encountered with laboratory and exotic animals. The students will learn proper feeding and common management practices, including sanitation and disease prevention, in a clinical or zoological setting. The students will also review common diseases of laboratory and exotic animals. This course is designed to provide knowledge and skills required for veterinary nurses/technicians. Students will get an introductory view of animal handling and husbandry concepts, veterinary clinical management topics, nutrition and breeding of lab and exotic animals, as well as any other topics related to the AVMA essential skills assigned to this course. This course is only available for students in the Veterinary Nursing Program

VN 260, DIAGNOSTIC IMAGING (3)

Students will learn the principles and practice of veterinary medical radiology, handling animals for radiologic exams, radiographic exposure and developing techniques, radiation safety, as well as any other topics related to the AVMA essential skills assigned to this course. The use of ultrasound, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), and dental radiography in veterinary medicine will be introduced. This course is only available for students in the Veterinary Nursing Program.

VN 270, CLINICAL LAB III (2)

This course will consist of clinical skills, laboratory equipment and veterinary nursing procedures. Topics include the care and handling of small animals, animal restraint, physical examinations, specimen collection, medication administration and other clinical nursing skills. Any other topics related to the AVMA essential skills assigned as course content will be included. Students will practice and complete skills using models and live animals where appropriate. Essential Required Skills will be checked off during this course as required for graduation. This course is only available to students in the Veterinary Nursing Program.

VN 280, INTEGRATIONS II (1)

A continuation to problem based learning of the nursing process using a case based approach. This course will integrate foundational knowledge from anatomy, physiology, pharmacology, veterinary nursing courses, clinical pathology, microbiology, parasitology, anesthesia and diagnostic imaging. Cases will involve different domestic animal species and laboratory animals. Students will learn using a variety of teaching modalities (lecture, group work, problem-based learning). This course is only available to students in the Veterinary Nursing Program

VN 298, EXTERNSHIP I (3)

This course consists of a minimum of 120 hours of supervised clinical experience in a full service veterinary clinic off-campus approved by the Program Director. The student will complete an externship notebook including various assignments that will be reviewed with each student prior to their externship. The student must complete an exit interview with the Program Director near the end of each externship. The student must have completed all other courses in the program and completed all required AVMA essential skills prior to going on their externship. This course is only available for students in the Veterinary Nursing Program.

VN 299, EXTERNSHIP II (3)

This course consists of a minimum of 120 hours of supervised clinical experience in a full service veterinary clinic off-campus approved by the Program Director. The student will complete an externship notebook including various assignments that will be reviewed with each student prior to their externship. The student may choose to complete the second externship at the same location as the first. If this is the case, additional assignments will be given to build on the required notebook. The student must complete an exit interview with the Program Director near the end of each externship. The student must have completed all other courses in the program and completed all required AVMA essential skills prior to going on their externship. This course is only available for students in the Veterinary Nursing Program.

INTERNSHIP COURSES

Internship opportunities are available in the following areas:

- Agriculture
- Business
- Behavioral Science
- Computer Science
- Communications
- Criminal Justice
- History
- Exercise Science
- Humanities
- Math
- Political Science
- Science

The internship is a pre-arranged, credit-bearing, work experience that allows a student to achieve personal career goals that are aligned with the goals of a supervising professional or agency. Internships provide opportunities to explore career options, test career choices and encourage the development of skill within a chosen field. An internship allows students to relate classroom theory with practical job experience as well as develop new skills that will be transferable to future employers. Students are required to complete between 60 and 240 hours (1-3 credit hours) of participation with a local business or agency in addition to classroom requirements.

- 1 Credit Hour: 60-80 hours of participation 299A - Indicates it is the first internship taken
- 2 Credit Hours: 120-160 hours of participation 299B - Indicates it is the second internship taken
- 3 Credit Hours: 180-240 hours of participation 299C - Indicates it is the third internship taken