PLANS OF STUDY: ASSOCIATE OF APPLIED SCIENCE DEGREES AND CERTIFICATES

AGRI-BUSINESS

Agri-Business is a major part of the United States economy. The Agri-Business field involves those businesses and professions involved in producing, processing, marketing, and distributing goods and/or services related to agriculture. Businesses from farming and ranching to banking and marketing are part of Agri-Business.

The Agri-Business Associate of Applied Science degree combines business courses with animal science and general education courses. The Agri-Business degree at Mesalands is designed to prepare students for transfer to a four-year college or university. Students may also gain entry-level employment upon completion of the degree.

FIRST YEAR

FALL		CREDITS
ACCT 2110	Principles of Accounting	3
ANSC 1120	Introduction to Animal Science	3
BCIS 1115	Introduction to Computers	4
ENGL 1110	Composition I	3
BFIN 2140	Personal Finance	3
	CREDITS	**16**

SPRING		CREDITS
BUSA 1110	Introduction to Business	3
BCIS 2217/	MS Excel or	4
BCIS 2220	MS Word	
COMM 1130	Public Speaking	3
	Science Requirement	4
	CREDITS	**14**

SECOND YEAR

FALL		CREDITS
AEEC 1110/	Introduction to Agricultural Economics and Business or	3
ECON 2120	Microeconomic Principles	
BLAW 2110	Business Law I	3
MATH 101	Basic Algebra or Higher	4
MGMT 2110	Principles of Management	3
AGRO 1110C	Introduction to Plant Science	3
	CREDITS	**16**

SPRING		CREDITS
MKTG 2210	Agriculture Marketing or	3
MKTG 2110	Principles of Marketing	
ANSC	Animal Science Elective	3
BUSA 2110	Business Communications	3
HLED 2230	Observations in Health and Physical Education	1
	Social/Behavioral Science or Humanities/Fine Arts Requirement	3
ENGL 2999	Capstone Portfolio Course	1
	CREDITS	**14**

ALLIED HEALTH SCIENCES

The Allied Health program at Mesalands Community will prepare students for a career in healthcare. The Applied Health Program offers an Associate of Applied Science (AAS) degree in Allied Health, as well as certificates in Nursing Assistant and Phlebotomy.

FIRST YEAR

FALL		CREDITS
HLSC 1110	Introduction to Health Science	3
HLSC 1030	Medical Technology	3
AHS 125	Nurses Aide	5
AHS 218	BLS for Healthcare Providers	1
BCIS 1115	Introduction to Computers	4
	CREDITS	**16**

SPRING		CREDITS
NUTR 1110	Nutrition for Health	3
COMM 2120	Interpersonal Communications	3
COMM 1130	Public Speaking	3
ENGL 1110	Composition I	3
MATH 1130	Survey of Mathematics	4
PSYC 1110	Introduction to Psychology	3
	CREDITS	**16**

SECOND YEAR

FALL		CREDITS
BIOL 211	Human Anatomy and Physiology I	4
CHEM 1215C	General Chemistry I Lecture and Laboratory for STEM Majors	4
PSYC 2120	Developmental Psychology	3
	Social/Behavioral Science or Human/Fine Arts Requirement	3
	CREDITS	**14**

SPRING		CREDITS
AHS	Elective	3
BIOL 212	Human Anatomy and Physiology II	4
BIOL 2310C	Microbiology Lecture & Lab	4
HLED 2230	Observations in Health and Physical Education	1
HPE	HPE Elective	1
ENGL 2999	Capstone Portfolio Course	1
	CREDITS	**14**
	TOTAL CREDITS	**60**

NURSE'S AIDE CERTIFICATE

This program prepares students to enter the nursing profession as an entry-level nursing assistant. Upon successful completion of this certificate, the student will meet all federal certification standards for a nursing assistant and be prepared to sit for the New Mexico Nurse's Aide Registry exam.

Prospective students who have been convicted of a felony are advised to contact the appropriate state board of nursing prior to admission to determine their eligibility for licensure. Fingerprinting for background checks, drug testing, and proof of recommended vaccinations are required for the Nurse Aide class. All students must meet the state requirements for each assigned clinical site to qualify for placement.

FIRST YEAR

FALL		CREDITS
AHS 218	BLS for Healthcare Providers	1
AHS 125	Nurse Aide	5
	Total Credits	**6**

*Note:
The following course is a pre-requisite and/or corequisite:

HLSC 1030   Medical Technology (3 credits)

PHLEBOTOMY CERTIFICATE

This program is designed to provide students with the necessary skills for gainful employment as a phlebotomist. Working under the supervision of a clinical laboratory supervisor, the phlebotomist is responsible for the proper collection, processing and testing of blood specimens and various other medical samples in accordance with OSHA safety regulations and standards. Upon successful completion of this program, the student will be eligible for the application to the national licensing examination through the American Society for Clinical Pathology (ASCP).

FIRST YEAR

FALL		CREDITS
AHS 218	BLS for Healthcare Providers	1
PHLB 113	Introduction to Phlebotomy*	3
PHLB 115L	Clinical Phlebotomy I	3
PHLB 116L	Clinical Phlebotomy II	3
PHLB 117L	Special Practices in Phlebotomy	3
	TOTAL CREDITS	**13**

*Note:
The following courses are pre-requisites: and/or corequisites:

HLSC 1110   Introduction to Health Science (3 credits)
HLSC 1030   Medical Technology (3 credits)

ANIMAL SCIENCE

A variety of careers are available in the field of Animal Science. From feed sales and nutritionist to buyer, handler and manager, the field of Animal Science offers a variety of career options.

The Animal Science program at Mesalands Community College focuses on the management, biology and health of production livestock animals. The combination of courses in this degree provides a comprehensive educational experience that covers the anatomy and physiology, nutrition, food production and management of all major livestock species that benefit mankind. Students will gain classroom instruction as well as hands-on experience from local ranchers, farmers and other livestock producers.

An associate degree in Animal Science at Mesalands Community College can be transferred to a four-year institution, or it can also be used to gain internships and careers in many fields. Students may also choose to take the knowledge and experience gained back to family ranching or farming operation.
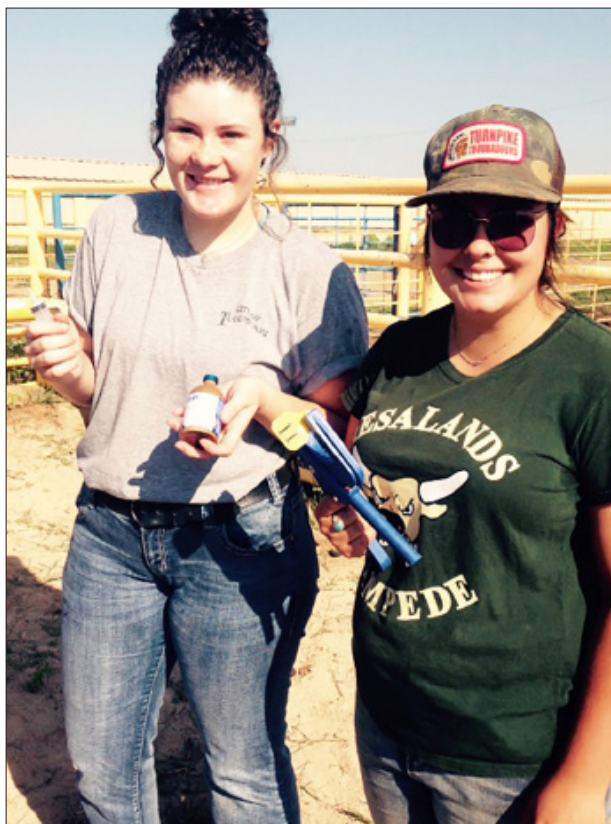
FIRST YEAR

FALL	CREDITS
ANSC 1120 Introduction to Animal Science	3
ENGL 1110 Composition I	3
FASC 1210L Horseshoeing Laboratory I	3
RGSC 2110 Introduction to Rangeland Management	3
CREDITS	**12**

SPRING	CREDITS
MKTG 2210 Agriculture Marketing	3
ANSC 150 Anatomy and Physiology of Domestic Animals	3
ANSC 2320 Principles of Animal Nutrition	3
BCIS 1115 Introduction to Computers	4
MATH 101 Basic Algebra or higher	4
TSC 100 Welding I	1
CREDITS	**18**

SECOND YEAR

FALL	CREDITS
ART Silversmithing Elective	4
ANSC 230 Animal Health and Diseases	3
ANSC 2330 Animal Production	3
Social/Behavioral Science -or- Humanities/Fine Arts Requirement	3
Science Requirement	4
CREDITS	**17**

SPRING	CREDITS
ANSC 1110 Internship in Animal Science	3
ANSC 2310 Introduction to Meat Science	4
COMM 1130 Public Speaking	3
Elective (ABM, ART, or FAS)	3
ENGL 2999 Capstone Portfolio Course	1
CREDITS	**14**

TOTAL CREDITS	**61**

ARTISTIC SILVERSMITHING CERTIFICATE

The Artistic Silversmithing Certificate program is designed to enable students in the acquisition of skills necessary for self-employment or employment with a major manufacturer in the field of traditional western culture arts. Western culture arts include custom designing, fabricating, and the engraving of bits, spurs, various buckles, bracelets and pendants worn and used in traditional western culture.

APPLIED SCIENCE CERTIFICATE

FALL		CREDITS
ARTS 1861	Spurmaking I I	3
ARTH 1110	Art Appreciation	3
ARTS 1864	Artistic Silversmithing	3
ARTS 1865	Artistic Slversmithing-Bit & Spur Making	3
ARTS 1810	Jewelry and Small Metal Construction I	3
ARTS 2866	Artistic Silversmithing-Engraving	3
TSC 100	Welding I	1
	CREDITS	19

SPRING		CREDITS
	General Education Requirement	3
ART 262	Advanced Bit Design	3
ART 263	Advanced Jewelry Fabrication	3
ART 264	Advanced Engraving Techniques	3
ARTS 2885	Studio	3
ARTS 2996	Topics in Art Studio	3
	CREDITS	18

TOTAL CREDITS	37

OCCUPATIONAL CERTIFICATE

		CREDITS
ARTS 1860	Beginning Spur Making	4
ARTS 1870	Engraving	3
ARTS 1867	Bit Making	4
ARTS 1810	Jewelry and Small Metal Construction I	3
TSC 100	Welding I	1
TOTAL CREDITS		**16**

BUILDING TRADES

The Building Trades program provides a broad education towards entry-level employment opportunities in the construction field. First year courses concentrate on basic techniques including carpentry, construction safety, blueprint reading, and job site etiquette. Second year courses build on this foundation, including interior and exterior finishing, Computer Aided Design (CAD) and project management.

The National Center for Construction Education and Research (NCCER) issues nationally recognized certificates of achievement to all students completing the competency-based training and performance testing.

FIRST YEAR

FALL		CREDITS
BT 105	Introduction to Building Trades and Safety	3
BT 111	Construction Technology I	3
COMM 1130	Public Speaking	3
MATH 1130	Survey of Mathematics	4
	CREDITS	**13**

SPRING		CREDITS
BT 112	Construction Technology II	3
BT 116	Blueprint Interpretation	3
BT 201	Exterior Finishing	4
ENGL 1110	Composition I	3
	Social/Behavioral Science Requirement	3
	C**REDITS**	
		16

SECOND YEAR

FALL		CREDITS
ACCT 2110	Principles of Accounting	3
BT 121	Construction Technology III	3
BT 122	Interior Finishing	3
BT 250	Computer Aided Design	4
BCIS 1115	Introduction to Computers	4
	CREDITS	**17**

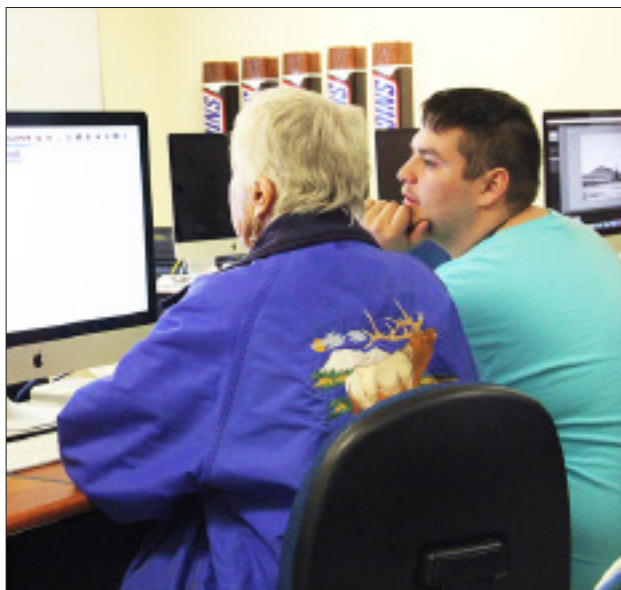| SPRING		CREDITS
BT 190	Internship in Building Trades	2
BT 202	Construction Technology IV	4
BT 260	Project Management	4
	Science Requirement	4
ENGL 2999	Capstone Portfolio Course	1
	CREDITS	**15**
	TOTAL CREDITS	**61**

BUSINESS

The Business Department at Mesalands Community College offers students a wide range of programs toward an Associate degree. Associate of Applied Science degrees are awarded to students who complete the degree plan requirements in the Business Administration and Business Office Technology programs.

BUSINESS ADMINISTRATION

GENERAL OPTION

The Business Administration program provides the means for students to acquire skills in accounting, business communications, business law, computers, economics, and management. These skills will enable students to enter the business world. This program is designed to provide the first two years of business courses for those students who plan to pursue a four-year degree. Graduates of the Business Administration program are exposed to a variety of disciplines and are given the opportunity to improve and enhance their interpersonal, critical thinking, and problem-solving skills.

FIRST YEAR

FALL	CREDITS
ACCT 2110 Principles of Accounting I	3
BUSA 1110 Introduction to Business	3
BUSA 1180 Business Math	3
BCIS 1115 Introduction to Computers	4
ENGL 1110 Composition I	3
CREDITS	**16**

SPRING	CREDITS
ACCT 2120 Principles of Accounting II	3
Prerequisite: ACCT 2110	
BLAW 221 Business Communications	3
MATH 1130 Survey of Mathematics	4
Science Requirement	4
Social/Behavioral Science or	3
Humanities/Fine Arts Requirement	3
CREDITS	**17**

SECOND YEAR

FALL	CREDITS
BUS Business Elective	3
BUS Business Elective	3
COMM 1130 Public Speaking	3
ECON 2110/ Macroeconomic Principles -or-	3
ECON 2120 Microeconomic Principles	
MGMT 2110 Principles of Management	3
CREDITS	**15**

SPRING	CREDITS
BLAW 2110 Business LawI	3
BUS Business Elective	3
BUS Business Elective	3
MGT 253 Business Policy	3
ENGL 2999 Capstone Portfolio Course	1
CREDITS	**13**
TOTAL CREDITS	**61**

*Note:
    MATH 101 may not meet degree requirements at some colleges.

BUSINESS OFFICE TECHNOLOGY

Advances in technology have increased the need for highly-skilled office employees who have the necessary training and confidence required to work with computer hardware, software, and office equipment. The Business Office Technology program has two options: General Office and Software Applications Specialist.
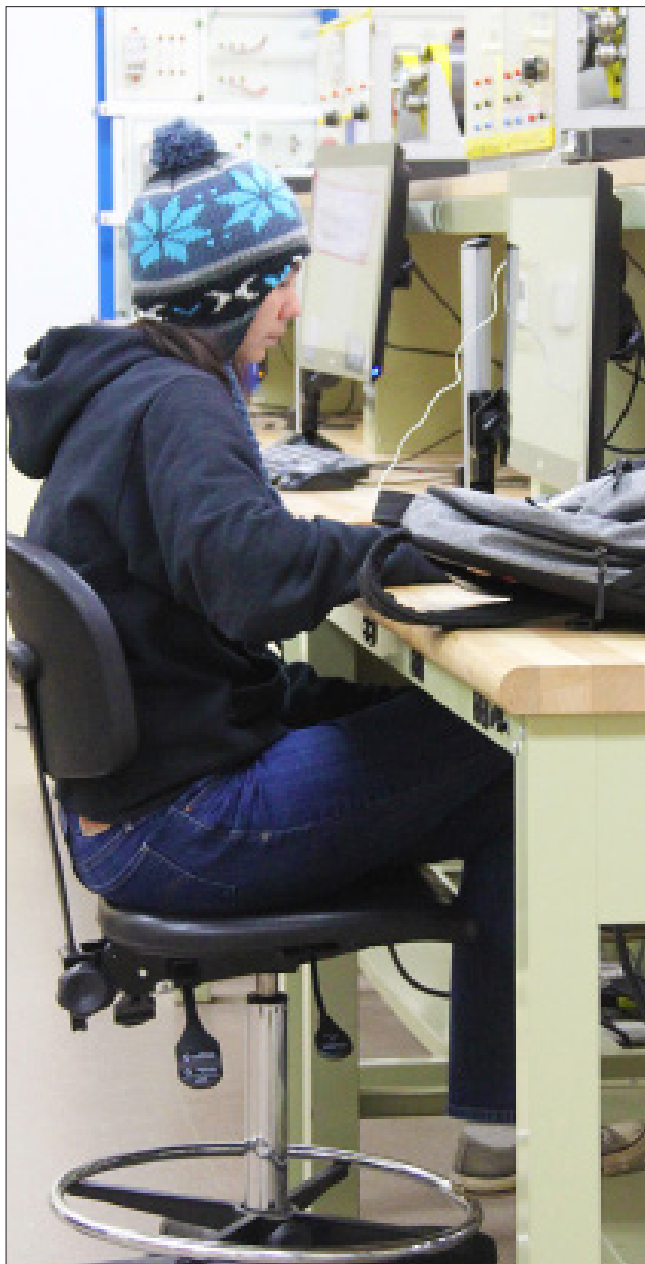
GENERAL OFFICE OPTION

FIRST YEAR

FALL		CREDITS
ACCT 2110	Principles of Accounting I	3
BUSA 1110	Introduction to Business	3
BUSA 1180	Business Math	3
BCIS 1115	Introduction to Computers	4
ENGL 1110	Composition I	3
	CREDITS	**16**

SPRING		CREDITS
BUSA 1210	Records Management	3
BUSA 2110	Business Communications	3
CIS 161	Intermediate Computing	4
MATH 1130	Survey of Mathematics	4
	CREDITS	**14**

SECOND YEAR

FALL		CREDITS
BUSA 1310	Office Procedures	3
BCIS 2220	MS Word	4
BCIS 2150	Advanced Computing	4
COMM 1130	Public Speaking	3
HPE	HPE Elective	1
	CREDITS	**15**

SPRING		CREDITS
BUS	BUS Elective	3
CIS 202	Advanced Word Processing	4
	Science Requirement	4
	Social/Behavioral Science or Human/Fine Arts Requirement	3
ENGL 2999	Capstone Portfolio Course	1
	CREDITS	**15**
	TOTAL CREDITS	**60**

FARRIER SCIENCE

The Farrier Science program at Mesalands Community College offers an Associate of Applied Science degree as well as an Occupational Certificate.

Farrier Science is primarily a self-employed field; therefore, farriers must be knowledgeable and skilled in all facets of the business. The Farrier Science degree program offers hands-on practical experience in horsemanship, trimming and shoeing, and forging and welding. Instruction in anatomy and physiology, business management, and other aspects of horseshoeing are provided in the classroom.

The degree program also offers an in-depth study of therapeutic and pathological shoeing, including the physiology, forging and application of shoes.

FIRST YEAR

FALL		CREDITS
ANSC 1510	Equine Anatomy	3
BCIS 1115	Introduction to Computers	4
ENGL 1110	Composition I	3
FASC 1110	Horseshoeing Theory I	3
FASC 1210L	Horseshoeing Laboratory I	3
FASC 1310L	Blacksmithing I	3
	CREDITS	**19**

SPRING		CREDITS
FASC 1120	Horseshoeing Theory II	3
	Prerequisite FASC 1110	
FASC 1220L	Horseshoeing Laboratory II	3
	Prerequisite FASC 1210L	
FASC 1320L	Blacksmithing II	3
	Prerequisite FASC 1310L	
MATH 1130	Survey of Mathematics	4
	Social Behavioral Science or	3
	Humanities/Fine Arts Requirement	
	CREDITS	**16**

SECOND YEAR

FALL		CREDITS
COMM 1130	Public Speaking	3
FASC 2230L	Farrier Science Therapeutics	3
	Prerequisite FASC 1210L	
FASC 2530	Lameness Physiology	3
	Prerequisite: ANSC 1510	
	Science Requirement	4
	CREDITS	**13**

SPRING		CREDITS
ANSC 2320	Principles of Animal Nutrition	3
FASC 2999L	Farrier Science Capstone Course	4
	Prerequisite: FASC 1220L	
FASC 2330L	Farrier Craftsmanship Therapeutics	3
	Prerequisite FASC 1310L	
FASC 2997	Independent Study in Farrier Science	2
ENGL 2999	Capstone Portfolio Course	1
	CREDITS	**13**

	TOTAL CREDITS	**61**

FARRIER SCIENCE CERTIFICATE

The Farrier Science Certificate is designed to give students hands-on experience in horseshoeing and blacksmithing as well as familiarize students with the principles and theories of trimming and balancing horses according to their conformation and use. The certificate program is comparable to those offered in private horseshoeing schools. Students spend class time trimming and shoeing horses, forging tools and specialty (corrective) horseshoes and studying horse-shoeing. Students also receive instruction in anatomy and physiology, entrepreneurial business and welding. Students who wish to gain advanced knowledge in Farrier Science should consider the College's degree program.

FIRST YEAR

FALL		CREDITS
ABM 162	Entrepreneurial Business	3
ANSC 1510	Equine Anatomy	3
FASC 1110	Horseshoeing Theory I	3
FASC 1210L	Horseshoeing Laboratory I	3
FASC 1310L	Blacksmithing I	3
FASC 1710L	Speciality Horeshoeing or	3
FASC 1998	Internship in Farrier Science I	
TSC 100	Welding I	1
	CREDITS	**19**

GENERAL STUDIES

OCCUPATIONAL OPTION

The experiential learning program allows students to apply work experience and training toward an Associate of Applied Science degree. It is a way for students to earn course credits at Mesalands for completed on-the-job training and courses where certificates are given. Obvious programs that may qualify for experiential learning credits are in certificate programs, Diesel Technology, Farrier Science and other similar areas of study. Experiential learning allows the student to improve upon their certificate and obtain an Applied Science degree.

Students who have had applicable training, previous vocational, or military experience may petition for college credit by submitting an Experiential Learning Portfolio. Up to 18 college credits may be awarded toward the Associate of Applied Science Degree in General Studies. Credit is awarded only if appropriate experiential learning has occurred and is documented in the Experiential Learning Portfolio Handbook.

FIRST YEAR

FALL		CREDITS
ENGL 1110	Composition I	3
ENGL 2994	Experiential Learning Portfolio	3
	Social/Behavioral Science or Human/Fine Arts Requirement	3
	Credit for Experiential Learning*	3
	CREDITS	**12**

SPRING		CREDITS
ENGL 1120	Composition II	3
	Prerequisite: ENGL 1110	
MATH 1130	Survey of Mathematics	4
	Science Requirement	4
	Credit for Experiential Learning*	3
	Field of Study Requirement	3
	CREDITS	**17**

SECOND YEAR

FALL		CREDITS
BCIS 1115	Introduction to Computers	4
COMM 1130	Public Speaking	3
	Social/Behavioral Science or Human/Fine Arts Requirement	3
	Credit for Experiential Learning*	3
	Field of Study Requirement	3
	CREDITS	**16**

SPRING		CREDITS
	Credit for Experiential Learning*	3
	Credit for Experiential Learning*	3
	Credit for Experiential Learning*	3
	Field of Study Requirement (200 Level)	3
	Field of Study Requirement (200 Level)	3
ENGL 2999	Capstone Portfolio Course	1
	CREDITS	**16**
	TOTAL CREDITS	**61**

*Note:
   Credit for Experiential Learning or Additional Courses from Field of Study.

PUBLIC ADMINISTRATION

LAW ENFORCEMENT OPTION
(New Mexico Corrections Department Training Academy)

The Law Enforcement Option offers an Associate of Applied Science degree. The field of study offers the student an inside look at the functions of law enforcement, how evidence is gathered and analyzed, and how suspects are identified, apprehended, and prosecuted. Careers in the various professions associated with Law Enforcement offer unique and exciting challenges.

Police Academy Transfer Credits: Up to 30 credits

Upon documentation of completion of the New Mexico Police Academy, students pursuing the AAS Degree in Public Administration (Law Enforcement) may receive 30 credits toward the completion of this degree. This transfer credit will only be awarded and applied to the student's transcript when all other course requirements for the degree have been met.

FIRST YEAR

FALL		CREDITS
BCIS 1115	Introduction to Computers	4
ENGL 1110	Composition I	3
PSCI 102/	American Politics or	3
PSCI 202	State and Local Government	
SPAN 1110	Spanish I	3
	CREDITS	**13**

SPRING		CREDITS
CJUS 1120	Criminal Law	3
MATH 1130	Survey of Mathematics	4
	Science Requirement	4
	Social/Behavioral Science or	3
	Humanities/Fine Arts Requirement	
	CREDITS	**14**

SUMMER		CREDITS
COMM 1130	Public Speaking	3
ENGL 2999	Capstone Portfolio Course	1
	CREDITS	**4**

POLICE ACADEMY TRANSFER CREDITS	**30**
TOTAL CREDITS	**61**

TECHNICAL AND PROFESSIONAL WRITING

The Technical and Professional Writing Occupational Certificate program provides students with a selection of courses designed to enhance professional opportunities in a variety of communication fields. The program is intended to develop written, verbal, and digital communication skills to advance students in their fields of study. Taken alone, the Certificate serves as a basis for entry-level positions in administrative or communication industries. Students will participate in a capstone project to create a deliverable product which illustrates their technical and professional communication skills.

OCCUPATIONAL CERTIFICATE

CREDITS

ENGL 1110	Composition I	3
ENGL 1120	Composition II	3
	Prerequisite: ENGL 1110	
ENG 168	Portfolio Design	3
ENGL 2210	Professional and Technical Communication	3
ENGL 2993	Writing Workshop: Grant Writing	3
ENGL 2996	Topics in English: Capstone	3
	Elective	3
	TOTAL CREDITS	**21**

WIND ENERGY TECHNOLOGY

The Wind Energy Technology program at Mesalands Community College offers training to meet the growing demand for qualified wind energy technicians to provide maintenance on wind turbines. The Associate of Applied Science Degree in Wind Energy Technology at Mesalands Community College provides instruction in wind turbine technology, turbine placement and construction, turbine operations and maintenance, monitoring and communications technology, tower safety mechanical systems, electrical theory, power generation and distribution, hydraulics, and digital electronics. Students in these programs will be prepared for rewarding and profitable careers in this growing field.

FIRST YEAR

FALL		CREDITS
AHS 118	Adult CPR/First Aid	.5
PHED 1460	Conditioning: Individual Health and Conditioning	3
WET 101	Introduction to Wind Energy	3
RNBL 1060	Electrical Theory for Renewable Energy	4
RNBL 1150	Field Safety and Experience	3
WET 120	OSHA 10	1
RNBL 1400	Wind Turbine Climbing and Safety I	1
	CREDITS	**15.5**

SPRING		CREDITS
BCIS 1115	Introduction to Computers	4
GEOL 1122	Introduction to Environmental Science	4
RNBL 1210	Wind Turbine Mechanical Systems *Prerequisite: WET 101, RNBL 1060 RNBL 1150, RNBL 1400*	3
RNBL 1410	Wind Turbine Climbing and Safety II	1
RNBL 2040	Introduction to Hydraulics *Prerequisite: RNBL 1150*	3
	CREDITS	**15**

SECOND YEAR

FALL		CREDITS
ENGL 1110	Composition I	3
MATH 1130	Survey of Mathematics	4
RNBL 1160	Introduction to Motors and Generators *Prerequisite: WET 101, RNBL 1060, and RNBL 1150*	3
WET 219	Wind Turbine Operation, Maintenance and Repair *Prerequisites: RNBL 1060, RNBL 1210, and RNBL 2040*	4
WET 240	Wind Turbine Climbing and Safety III	1
	CREDITS	**15**

SPRING		CREDITS
COMM 1130	Public Speaking	3
ENGL 2210	Professional and Technical Communication	3
WET 217	Wind Turbine Siting, Erection, Generation, and Distribution *Prerequisite: RNBL 1160*	3
RNBL 2180	Wind Turbine Electronics *Prerequisite: RNBL 1060, RNBL 1160, and WET 219*	4
WET 241	Wind Turbine Climbing and Safety IV	1
ENGL 2999	Capstone Portfolio Course	1
	CREDITS	**15**
	TOTAL CREDITS	**60.5**

WIND ENERGY TECHNOLOGY CERTIFICATE

The Wind Energy Technology Certificate program is designed to give students a selection of courses to enhance professional opportunities in the growing field of wind energy. The Wind Energy Technology Certificate provides instruction in turbine maintenance, electrical theory, monitoring and communications technology, safety, motors, generators, and mechanical systems. Students who complete these courses will be prepared to ease the shortage of trained wind energy technicians.

APPLIED SCIENCE CERTIFICATE

FALL		CREDITS
AHS 118	Adult CPR/First Aid	.5
WET 101	Introduction to Wind Energy	3
RNBL 1060	Electrical Theory for Renewable Energy	4
RNBL 1150	Field Safety and Experience	3
WET 120	OSHA 10	1
RNBL 1400	Wind Turbine Climbing and Safety I	1
	CREDITS	**12.5**

SPRING		CREDITS
BCIS 1115	Introduction to Computers	4
ENGL 1110	Composition I	3
GEOL 1122	Introduction to Environmental Science	4
RNBL 1210	Wind Turbine Mechanical Systems	3
	Prerequisite: WET 101, RNBL 1060, RNBL 1150, and RNBL 1400	
RNBL 1410	Wind Turbine Climbing and Safety II	1
	Prerequisite: RNBL 1400	
RNBL 2040	Introduction to Hydraulics	3
	Prerequisite: RNBL 1150	
	CREDITS	**18**
	TOTAL CREDITS	**30.5**

OCCUPATIONAL CERTIFICATE

		CREDITS
WET 101	Introduction to Wind Energy	3
RNBL 1060	Electrical Theory for Renewable Energy	4
RNBL 1150	Field Safety and Experience	3
RNBL 1210	Wind Turbine Mechanical Systems	3
RNBL 2040	Introduction to Hydraulics	3
RNBL 1400	Wind Turbine Climbing and Safety	1
	TOTAL CREDITS	**17**