



Catalog Supplement

2025-2026

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Course Descriptions

(Deletions, updates, new)

Please see the 2025-2026 Academic Catalog or www.bhc.edu/academics/catalog for course descriptions not listed below.

DELETED COURSES

Effective August 1, 2025

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~~MATH 210 Math for Teaching and Learning~~

~~4 cr. hrs.; 4 lecture hours; 0 lab hours per week~~

~~Prerequisite: Appropriate placement score; or MATH 112 "C" or better or MATH 112C "C" or better.~~

~~A mathematics course for elementary and middle school teachers examining numbers, algebra, geometry, and measurement; featuring problem solving, applications, and concrete and visual representations. (1.1)~~

~~AG 287 Introductory Ag Mechanics~~

~~4 cr. hrs.; 3 lecture hours; 2 lab hours per week.~~

~~An introduction to agricultural power and machinery, agricultural electrification and applications, agricultural structures, and soil and water conservation. IAI: AG 906 (1.1)~~

~~AG 289 Microcomputer Skills for Agri~~

~~3 cr. hrs.; 2 lecture hours; 2 lab hours per week.~~

~~Introduction to computer hardware, file manipulation, printers and the use of word processing, electronic presentations and communications, graphics, spreadsheet, database management and web development software. Also includes solution of agriculture data related problems and use of prepared software templates. IAI: AG 913 (1.2)~~

~~BUSN 245A Purchasing the Small Business~~

~~1 cr. hr.; 1 lecture hour; 0 lab hours per week.~~

~~This course provides preparation for decision making about purchasing a small business or franchise. Students will explore strategies for purchasing a small business or franchise. (1.2)~~

~~BUSN 245B The Business Plan~~

~~1 cr. hr.; 1 lecture hour; 0 lab hours per week.~~

~~This course provides preparation for decision making about purchasing a small business or franchise. Students will explore strategies for purchasing a small business or a franchise. (1.2)~~

~~BUSN 245C Financial Statement Analysis~~

~~1 cr. hr.; 1 lecture hour; 0 lab hours per week.~~

~~This course provides skills used to understand and apply accounting principles in a small business environment. Students~~

~~will explore, compile, evaluate, and analyze financial statements. Students will learn to read and interpret annual reports. (1.2)~~

COURSE UPDATES

Effective August 1, 2025

Published April 30, 2025

~~AG 108 Agri Prod Work Exp~~

~~7 cr. hrs.; 0 lecture hours; 48 lab hours per week.~~

~~Eleven weeks of supervised training in an approved agricultural production operation. Emphasis is placed on organizing skill development and documenting experiences in a workplace setting. Reports by the student and satisfactory job performance required for credit. (1.2) Reports by the student and satisfactory job performance are required for credit. (1.2)~~

~~AG 131 Soils and Soil Fertility~~

~~4 cr. hrs.; 3 lecture hours; 2 lab hours per week.~~

~~Basic course dealing with the formation, physical, chemical, colloidal, and biological properties of soils. Special emphasis is given to soil conditions that affect plant growth and crop yields. Laboratory practice in texture, structure and fertility. (1.1) (1.2)~~

~~AG 132 Field Crop Science 1 Field Crop Science I~~

~~1.5 cr. hrs.; 1 lecture hour; 1 lab hour per week.~~

~~The study of botanical characteristics and cultural practices of commercially important Corn Belt crops, including quality improvements, seed purity, diseases, insects, weeds and crop production techniques during the preemergent stages. Laboratory exercises focus on selected crop production and management practices. (1.1) (1.1)~~

~~AG 133 Field Crop Science 2 Field Crop Science II~~

~~2 cr. hrs.; 1.5 lecture hours; 1 lab hour per week.~~

~~The study of botanical characteristics and cultural practices of commercially important Corn Belt crops, including quality improvements, seed purity, diseases, insects, weeds and crop production techniques during the post-emergent stages. Laboratory exercises focus on selected crop production and management practices. (1.2)~~

~~AG 134 Field Crop Science 3 Field Crop Science III~~

~~0.5 cr. hrs.; 0.5 lecture hours; 0 lab hours per week.~~

The study of botanical characteristics and cultural practices of commercially important Corn Belt crops, including quality improvements, seed purity, diseases, insects, weeds, and crop production techniques during the pre-harvest stage. (1.2)

AG 135 Integrated Pest Management 1 I

1.5 cr. hrs.; 1.5 lecture hours; 0 lab hours per week.

The study of the role of chemicals commonly used in agricultural production, including insecticides, herbicides, seed treatments and livestock chemicals. Emphasis is placed on the identification of weeds, insects and plant diseases, as well as prevention, control, and eradication of these problems. Laboratory exercises focus on weed and insect scouting, procedures used in handling and applying chemicals and comparisons of various pest management practices. (1.2)

AG 136 Integrated Pest Management 2 II

1 cr. hr.; 0 lecture hours; 2 lab hours per week.

The study of the role of chemicals commonly used in agricultural production, including insecticides, herbicides, seed treatments and livestock chemicals. Emphasis is placed on the identification of weeds, insects and plant diseases, as well as prevention, control, and eradication of these problems. Laboratory exercises focus on weed and insect scouting, procedures used in handling and applying chemicals and comparisons of various pest management practices. (1.2)

AG 137 Integrated Pest Management 3 III

0.5 cr. hrs.; 0.5 lecture hours; 0 lab hours per week.

The study of the role of chemicals commonly used in agricultural production, including insecticides, herbicides, seed treatments and livestock chemicals. Emphasis is placed on the identification of weeds, insects and plant diseases, as well as prevention, control, and eradication of these problems. Laboratory exercises focus on weed and insect scouting, procedures used in handling and applying chemicals and comparisons of various pest management practices. (1.2)

AG 139 ~~Crop & Soil Evaluation 2~~ Crop & Soil Evaluation I

1 cr. hr.; 1 lecture hour; 0 lab hours per week.

~~Prerequisite: AG 138 or instructor consent.~~

Provides students an opportunity to gain experience in evaluating crops and soils. Selection will be based on marketing and/or production standards. A continuation of AG 138. (1.2)

AG 141 Animal Science

4 cr. hrs.; 3 lecture hours; 2 lab hours per week.

A comprehensive view of the livestock industry as a science. ~~Study~~ The study is based upon biological principles with application to modern livestock management practices for beef, swine, dairy cattle, sheep, and horses. Laboratory to supplement lectures and discussions. (1.2)

AG 148 Livestock Evaluation 4 I

1 cr. hr.; 1 lecture hour; 0 lab hours per week.

Provides students an opportunity to gain experience in evaluating livestock. Selection will be based on marketing

and/or production standards. Consideration will be given to organizing and presenting oral awards. (1.2)

AG 149 Livestock Evaluation 2 II

1 cr. hr.; 1 lecture hour; 0 lab hours per week.

Prerequisite: AG 148 or instructor consent.

Provides an opportunity to gain experience in evaluating livestock. Selection will be based on marketing and/or reasons. Continuation of AG 148 Livestock Evaluation I. (1.2)

AG 172 Agricultural CDL Training

2 cr. hrs.; 1 lecture hour; 2 lab hours per week.

~~Mechanics of materials handling for chemicals, feeds and fertilizers; calibration of equipment, and adjustment and maintenance of equipment. Special emphasis on small engines. Laboratory experiences will allow for actual experiences. (1.2)~~

Mechanics of materials handling for chemicals, feeds and fertilizers; calibration of equipment, and adjustment and maintenance of equipment. Special emphasis on small engines. Laboratory experiences will allow for actual experiences. (1.2)

AG 200 Topics in Agriculture

0.5-3 cr. hrs.; 0.5-3 lecture hours; 0 lab hours per week.

Designed to satisfy specific needs and ~~interest~~ interests of students in agriculture. Topics will vary and will be announced in advance. (1.2)

AG 202 Advanced Ag Seminar

1 cr. hr.; 1 lecture hour; 0 lab hours per week.

~~Prerequisites: AG 101, 102 and 201; or instructor consent. AG 101, 102, and 201; or instructor consent.~~

Special emphasis will be given to definition and career explanation in the agribusiness field by students enrolled. (1.2)

AG 211 Ag Salesmanship

3 cr. hrs.; 3 lecture hours; 0 lab hours per week.

~~Study of the basic principles and theories of salesmanship with considerable emphasis given to the practical application. Role playing will be utilized to stress techniques. Sales aids, market promotion and advertising will be included. Study of the basic principles and theories of salesmanship with considerable emphasis given to practical application. Role-playing will be utilized to stress techniques. Sales aids, market promotion, and advertising will be included. Three lecture hours per week. (1.2)~~

AG 224 Ag Law

3 cr. hrs.; 3 lecture hours; 0 lab hours per week.

~~A study of the laws that affect agricultural businesses in the context of labor, taxation, tenancy, liability and other areas. A study of the laws that affect agricultural businesses in the context of labor, taxation, tenancy, liability, and other areas. (1.2)~~

AG 232 Forage Crops

3 cr. hrs.; 2.5 lecture hours; 1 lab hour per week.

~~Examination of forage crops characteristics and ecology, grasslands of farm and range as related to animal production.~~
Examination of forage crops characteristics and ecology, grasslands of farm, and range as related to animal production. (1.2)

AG 238 ~~Crop and Soil Evaluation 3~~ Crop & Soil Evaluation II

1 cr. hr.; 1 lecture hour; 0 lab hours per week.

Provides students an opportunity to gain experience in evaluating crops and soils. Selection will be based on marketing and/or production standards. A continuation of AG 139. (1.2)

AG 239 ~~Crop and Soil Evaluation 4~~ Crop & Soil Evaluation III

1 cr. hr.; 1 lecture hour; 0 lab hours per week.

Provides students an opportunity to gain experience in evaluating crops and soils. Selection will be based on marketing and/or production standards. A continuation of AG 238. (1.2)

AG 242 Artificial Insem of Swine

1.5 cr. hrs.; 1 lecture hour; 1 lab hour per week.

~~Theory and technology involved in artificial insemination, including semen collection techniques, evaluation of semen, processing of semen for storage and insemination techniques.~~

Theory and technology involved in artificial insemination including semen collection techniques, evaluation of semen, processing of semen for storage, and insemination techniques. (1.2)

AG 244 Swine Science

3 cr. hrs.; 2 lecture hours; 2 lab hours per week.

Prerequisite: AG 141 or AG 285.

~~A basic course in swine production and management which includes selecting, breeding, feeding, managing and marketing of swine. Laboratory will provide hands on experience to develop in depth skills in the rapidly changing technology of the swine industry today.~~ A basic course in swine production and management which includes selecting, breeding, feeding, managing, and marketing of swine. Laboratory will provide hands-on experience to develop in-depth skills in the rapidly changing technology of swine industry today. (1.2)

AG 246 Meat Animal Evaluation

3 cr. hrs.; 2 lecture hours; 2 lab hours per week.

Prerequisite: AG 141 or AG 285.

~~Live animal and carcass evaluation of meat animals; beef, swine and sheep. Students to acquire and develop in depth skills in the laboratory.~~ Live animal and carcass evaluation of meat animals; beef, swine, and sheep. Students to acquire and develop in-depth skills in the laboratory. (1.2)

AG 248 ~~Livestock Evaluation 3~~ Livestock Evaluation III

1 cr. hr.; 1 lecture hour; 0 lab hours per week.

Prerequisites: AG 148 and AG 149; or instructor consent. AG 148 and AG 14, and instructor consent

Provides students an opportunity to gain experience in evaluating livestock. Selection will be based on marketing and/or production standards. Consideration will be given to organizing and presenting oral reasons. (1.2)

AG 249 ~~Livestock Evaluation 4~~ Livestock Evaluation IV

1 cr. hr.; 1 lecture hour; 0 lab hours per week.

Prerequisites: AG 148, AG 149, or AG 248.

A continuation of AG 248; provides students an opportunity to gain experience in evaluating livestock. Selection will be based on marketing and/or production standards. Consideration will be given to organizing and presenting oral reasons. (1.2)

AG 272 Grain Drying and Handling

3 cr. hrs.; 2 lecture hours; 2 lab hours per week.

~~This course provides an introduction to the operation, adjustment and maintenance of grain drying equipment in the field. The development of a complete grain drying and handling system will also be covered along with the handling and processing of other common products and commodities.~~ This course provides an introduction to the operation, adjustment, and maintenance of grain drying equipment in the field. The development of a complete grain drying and handling system will also be covered along with the handling and processing of other common products and commodities. (1.2)

AG 273 Lawn & Garden Equipment Repair

4 cr. hrs.; 2 lecture hours; 4 lab hours per week.

~~This course covers the operation and maintenance of consumer products in the agriculture industry. Topics to be covered include lawnmowers, lawn sweepers, lawn conditioning equipment, snow blowers, leaf blowers, tillers, weed eaters, and chain saws. Emphasis will be given to safety, operation, maintenance, and repair.~~ This course covers the operation and maintenance of consumer products in the agricultural industry. Topics to be covered include lawnmowers, lawn sweepers, lawn conditioning equipment, snow blowers, leaf blowers, tillers, weed eaters, and chainsaws. Emphasis will be given to safety, operation, maintenance, and repair. (1.2)

AG 282 Introduction to Soil Science

4 cr. hrs.; 3 lecture hours; 2 lab hours per week.

~~This course provides an introduction to the chemical, physical and biological properties of soils; the origin, classification, and distribution of soils and their influence on people and food production; the management and conservation of soils; and the environmental impact of soil use.~~ This course provides an introduction to the chemical, physical, and biological properties of soils; the origin, classification, and distribution of soils and their influence on people and food production; the management and conservation of soils; and the environmental impact of soil use. IAI: AG 904 (1.1)

AG 283 Field Crop Science

4 cr. hrs.; 3 lecture hours; 2 lab hours per week.

~~This course provides an introduction to the basic principles of plant growth, including human and environmental influences~~

~~and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food, feed, and fiber; origin, classification, and geographic distribution of field crops; environmental factors and agronomic problems; crop plan breeding, growth, development, and physiology; cropping systems and practices; seedbed preparation, tillage, and crop establishment; pests and controls; and harvesting, storing and marketing practices.~~ This course provides an introduction to the basic principles of plant growth, including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food, feed, and fiber; origin, classification, and geographic distribution of field crops; environmental factors and agronomic problems; crop plan, breeding, growth, development, and physiology; cropping systems and practices; seedbed preparation, tillage, and crop establishment; pests and controls; and harvesting, storing, and marketing practices. IAI: AG 903 (1.1)

AG 288 Ag of Developing Countries

3 cr. hrs.; 3 lecture hours; 0 lab hours per week.

~~Agriculture of Developing Countries is an examination of the critical role played by agriculture in the economic development of Third World Nations. Agricultural production systems, policies, and problems are evaluated in relation to the economic, social and political structures of selected countries and societies.~~ Agriculture of Developing Countries is an examination of the critical role played by agriculture in the economic development of Third World Nations. Agriculture production systems, policies, and problems are evaluated in relation to the economic, social, and political structures of selected countries and societies. (1.1)

BUSN 241 Intro to Supply Chain Management Supply Chain Management

3 cr. hrs.; 3 lecture hours; 0 lab hours per week.

~~This course will give students an overview of the field of logistics, as well as information and skills specific to computerized inventory management. Topics include an overview of supply chain management and related terminology, warehouse and transportation operations, typical warehouse management software, and warehousing technologies—including radio frequency and basic accounting and economic principles.~~ This course provides an overview of the fundamental concepts, processes, and strategies involved in supply chain management (SCM). Students will explore how supply chains operate from the sourcing of raw materials to the delivery of finished goods to consumers. Topics include procurement, production, logistics, inventory management, distribution strategies, and the role of technology in modern supply chains. (1.2)

CHEM 101 General Chemistry I

4 cr. hrs.; 3 lecture hours; 3 lab hours per week.

Prerequisite: One year of high school chemistry or CHEM 110; or completion of MATH 112 or MATH 112C with a

“C” or better, MATH 118 with a “C” or better, or MATH 123 with a “C” or better; or by Algebra assessment.

~~For science and pre-professional majors and those with strong interest in science. This course includes the fundamental principles of stoichiometry, periodicity, atomic structure, and thermochemistry with applications to gases, liquids, solids and solutions.~~ For science and pre-professional majors and those with strong interest in science. This course includes the fundamental principles of stoichiometry, periodicity, atomic structure, and thermochemistry with applications to gases, liquids, solids and solutions. If CHEM 101 is successfully completed after taking CHEM 110, graduation credit can be awarded for both courses. However, if CHEM 101 is successfully taken first, no credit will be awarded for CHEM 110. IAI: P1 902L; CHM 911 (1.1)

CHEM 110 Introduction to Chemistry

4 cr. hrs.; 3 lecture hours; 2 lab hours per week.

~~Introduction to the fundamental principles of chemistry with applications to gases, liquids, solids and solutions. Also includes nomenclature of inorganic compounds. Credit for this course will not be counted toward graduation if the student also completes CHEM 101.~~ Introduction to the fundamental principles of chemistry with applications to gases, liquids, solids and solutions. Also includes nomenclature of inorganic compounds. If CHEM 110 is successfully completed and the student subsequently enrolls in CHEM 101, graduation credit can be awarded for both courses. If CHEM 101 is successfully completed as the first CHEM course, students will not be allowed to enroll in CHEM 110. IAI: P1 902L (1.1)

CRT 230 CRT Proofreading Skills

3 cr. hrs.; 3 lecture hours; 0 lab hours per week.

Prerequisite: Instructor consent.

~~This course teaches punctuation and word usage as related to realtime writing and transcript production. Students learn, practice, and improve the proofreading skills required of transcriptionists and realtime reporters.~~ This course teaches punctuation and word usage as related to real-time writing and transcript production. Students learn, practice, and improve the proofreading skills required of transcriptionists and real-time reporters. (1.2)

CRT 240 Courtroom Procedures

3 cr. hrs.; 3 lecture hours; 0 lab hours per week.

Prerequisite: Instructor consent.

~~This course focuses on the role of the court reporter in the courtroom, in depositions, marking and handling of exhibits and notes, and speaker identifications and interruptions. The course includes realtime in the courtroom and transcript preparation.~~ This course focuses on the role of the court reporter in the courtroom, in depositions, marking and handling of exhibits and notes, and speaker identifications and interruptions. The course includes real-time in the courtroom and transcript preparation. (1.2)

MUSC 103 Instrumental Chamber Ensemble

1 cr. hr.; 0 lecture hours; 2 lab hours per week.

~~Performance of selected chamber music according to the group instrumentation. No more than 4 credit hours will apply toward a degree. This course focuses on rehearsing and performing chamber music repertoire tailored to the ensemble's instrumentation. Students will refine their skills in musical communication, coordination, and collective interpretation. No more than 4 credit hours will apply towards degree. (1.1)~~

MUSC 206 Concert Choir II

1 cr. hr.; 0 lecture hours; 3 lab hours per week.

Prerequisite: MUSC 106 or instructor consent. Concurrent enrollment in MUSC 100 or 200 is recommended.

~~Rehearsal and performance of choral literature suitable for a mixed voice (SATB) ensemble, with an emphasis on accompanied repertoire. This course also entails both a research and a written assignment component. No auditions required but basic ability to read music notation preferred. Ensemble open to music majors, music minors, and general students. No combination of MUSC 106 and 206 may exceed 4 credit hours toward a degree. This course is a continuation of MUSC 106 Concert Choir I, designed for students with an interest in music education or conducting. In addition to participating in ensemble singing, students will develop leadership skills such as conducting and leading vocal warm-ups. The combined credit hours from MUSC 106 and MUSC 206 may not exceed 4 credit hours toward a degree. (1.1)~~

MUSC 209 Chamber Singers II

1 cr. hr.; 0 lecture hours; 3 lab hours per week.

Prerequisite: MUSC 109 or instructor consent. Concurrent enrollment in MUSC 100 or 200 is recommended.

~~Rehearsal and performance of a cappella choral literature suitable for a mixed voice (SATB) ensembles. This course also entails both a research and a written assignment component. Audition required. Ensemble open to music majors, music minors, and general students with prior choral experience in a cappella ensemble. No combination of MUSC 106 and 206 may exceed 4 credit hours toward a degree. This course is a continuation of MUSC 109 Chamber Singers I, designed for students with an interest in music education or conducting. In addition to participating in a cappella ensemble singing, students will develop leadership skills such as conducting and leading vocal warm-ups. The combined credit hours from MUSC 109 and MUSC 209 may not exceed 4 credit hours toward a degree. (1.1)~~

PHYS 101 College Physics I

5 cr. hrs.; 4 lecture hours; 3 lab hours per week.

Prerequisite: MATH 112 or MATH 112C or MATH 123; or instructor consent.

~~Algebra and trigonometry based presentation of mechanics, thermodynamics and waves. Develop problem solving techniques involving vectors, Newton's laws, energy, momentum, heat and thermodynamics, sound and waves. Intended for students majoring in engineering technology and health related fields. Algebra and trigonometry based presentation of mechanics, thermodynamics and waves. Develop problem solving techniques involving vectors, Newton's laws, energy, momentum, heat and thermodynamics,~~

~~sound and waves. Intended for students majoring in engineering technology and health related fields. If PHYS 101 is successfully completed and the student subsequently enrolls in PHYS 201, graduation credit can be awarded for both courses. If PHYS 201 is successfully completed as the first PHYS course, students will not be allowed to enroll in PHYS 101. IAI: P1 900L (1.1)~~

PHYS 102 College Physics II

5 cr. hrs.; 4 lecture hours; 3 lab hours per week.

Prerequisite: PHYS 101.

~~Theory of magnetism, electricity, light and topics from atomic and nuclear physics. Graduation credit not permitted for both PHYS 102 and 202. Theory of magnetism, electricity, light and topics from atomic and nuclear physics. If PHYS 102 is successfully completed and the student subsequently enrolls in PHYS 202, graduation credit can be awarded for both courses. If PHYS 202 is successfully completed as the first PHYS course, students will not be allowed to enroll in PHYS 102. (1.1)~~

PHYS 201 Mechanics and Thermal Physics

5 cr. hrs.; 3 lecture hours; 4 lab hours per week.

Prerequisite: MATH 124 or concurrent enrollment in MATH 124.

~~For students preparing to major in engineering, physics, chemistry or mathematics. Analytical study of the theory of mechanics, heat and sound. Graduation credit will not be permitted for both PHYS 101 and 201. For students preparing to major in engineering, physics, chemistry or mathematics. Analytical study of the theory of mechanics, heat and sound. If PHYS 201 is successfully completed after taking PHYS 101, graduation credit can be awarded for both courses. However, if PHYS 201 is successfully taken first, no credit will be awarded for PHYS 101. IAI: P2 900L; PHY 911 (1.1)~~

PHYS 202 Electricity and Magnetism

5 cr. hrs.; 3 lecture hours; 4 lab hours per week.

Prerequisite: PHYS 201.

~~For students preparing to major in engineering, physics, chemistry or mathematics. Analytical study of the theory of electricity, magnetism, and optics. Graduation credit will not be granted for both PHYS 102 and 202. For students preparing to major in engineering, physics, chemistry or mathematics. Analytical study of the theory of electricity, magnetism, and optics. If PHYS 202 is successfully completed after taking PHYS 102, graduation credit can be awarded for both courses. However, if PHYS 202 is successfully taken first, no credit will be awarded for PHYS 102. IAI: PHY 912 (1.1)~~

NEW COURSES

Effective August 1, 2025

Published April 30, 2025

EMS 201 Cognitive Paramedicine I

8 cr. hrs.; 8 lecture hours; 0 lab hours per week.

Prerequisites: EMS 100 and 102, or current EMT licensure or NREMT certification with eligibility for Illinois EMT licensure; MATH 078 or appropriate placement score; COMM 100 or ENG 101 or ENG 101C; or consent of EMS program director. Concurrent enrollment in EMS 203 and EMS 205.

This course covers key topics including EMS systems, workforce safety and wellness, medical, legal, and ethical issues, as well as anatomy, physiology, pathophysiology, and patient assessment techniques. Other topics include pharmacology, airway management, and the treatment of respiratory, cardiac, neurological, and trauma-related emergencies. Emphasis is placed on critical thinking, communication, and documentation to prepare students for the clinical challenges they will encounter in the field. This lecture course forms the theoretical foundation for the practical skills developed in subsequent lab courses, ensuring students are well-prepared to provide high-quality care in pre-hospital settings. (1.2)

EMS 203 Cognitive Psychomotor I

4 cr. hrs.; 0 lecture hours; 8 lab hours per week.

Prerequisites: EMS 100 and 102, or current EMT licensure or NREMT certification with eligibility for Illinois EMT licensure; MATH 078 or appropriate placement score; COMM 100 or ENG 101 or ENG 101C; or consent of EMS program director. Concurrent enrollment in EMS 201 and EMS 205.

This course covers key topics including EMS systems, workforce safety and wellness, medical, legal, and ethical issues, as well as anatomy, physiology, pathophysiology, and patient assessment techniques. Other topics include pharmacology, airway management, and the treatment of respiratory, cardiac, neurological, and trauma-related emergencies. Emphasis is placed on critical thinking, communication, and documentation to prepare students for the clinical challenges they will encounter in the field. This lecture course forms the theoretical foundation for the practical skills developed in subsequent lab courses, ensuring students are well-prepared to provide high-quality care in pre-hospital settings. (1.2)

EMS 205 Paramedic Internship I

6 cr. hrs.; 0 lecture hours; 18 lab hours per week.

Prerequisites: NREMT certificate (EMT) or EMT license. Concurrent enrollment in EMS 201 and EMS 203.

This is a hands-on clinical and field internship designed to provide students with real-world experience in patient care. Through 250 hours of direct clinical practice, including time in the Emergency Department, Respiratory Therapy, and Field Internship, students will apply classroom knowledge to assess and treat patients in dynamic, high-pressure environments. Students will refine their ability to safely perform psychomotor skills, make critical clinical decisions, and develop differential diagnoses in both medical and trauma cases. Emphasis is placed on applying evidence-based practices, adhering to safety protocols, and ensuring accurate documentation of assessments and interventions. In the field, students will work

alongside experienced paramedics to deliver care, administer medications, and manage patient care across various settings. Professional behaviors, including integrity, empathy, teamwork, and cultural competency, are emphasized throughout the internship, preparing students to perform as entry-level paramedics upon program completion. (1.2)

EMS 211 Cognitive Paramedicine II

8 cr. hrs.; 8 lecture hours; 0 lab hours per week.

Prerequisites: EMS 201 and EMS 203 "C" or better; EMS 205 "P"; concurrent enrollment in EMS 213 and 215.

This course builds upon the foundational knowledge gained in the previous lecture course (EMS 201), expanding students' understanding of medical emergencies across the lifespan and in special populations. This course covers a broad range of topics, including diseases of the ear, nose, and throat (ENT), hematology, immunology, infectious diseases, and endocrinology. Students will also explore abdominal, environmental, and obstetric emergencies, as well as pediatric and geriatric care, with an emphasis on providing appropriate care for patients of all ages. The course delves into EMS operations, including mass casualty incidents, incident management, and the unique challenges of hazmat and terrorism response. Advanced Cardiovascular Life Support (ACLS) and Pediatric Advanced Life Support (PALS) principles will also be integrated. Additionally, students will review key program content to ensure readiness for the National Registry of Emergency Medical Technicians (NREMT) Paramedic examination. (1.2)

EMS 213 Paramedic Psychomotor II

4 cr. hrs.; 0 lecture hours; 8 lab hours per week.

Prerequisites: EMS 201 and EMS 203 "C" or better; EMS 205 "P" and current AHA CPR (Healthcare Provider); concurrent enrollment in EMS 211 and 215.

This is an advanced lab course that focuses on the application of paramedic psychomotor skills in high-pressure, real-world scenarios. Students will refine their patient assessment, differential diagnosis, and treatment planning skills while enhancing their ability to function as both team members and team leaders in emergency situations. Key areas of focus include newborn delivery (normal and complicated), neonatal and pediatric resuscitation, and managing mass casualty incidents. Students will practice triage techniques and apply Advanced Cardiovascular Life Support (ACLS) and Pediatric Advanced Life Support (PALS) principles in various emergency settings. Throughout the course, students will continue to develop leadership skills, ensure the safety of all personnel, and maintain professionalism, compassion, and cultural competency in patient care. At the end of the course, summative evaluations will assess students' competency in performing critical skills and their readiness to perform as an entry level Paramedic. (1.2)

EMS 215 Paramedic Internship II

6 cr. hrs.; 0 lecture hours; 18 lab hours per week.

Prerequisites: EMS 201 and EMS 203 "C" or better; EMS 205 "P"; concurrent enrollment in EMS 211 and 213.

This course is designed to immerse students into real-world paramedic practice. With 250 hours of hands-on experience, including time in the Emergency Department, Miscellaneous Clinical settings (ER, OR, OB, ICU), Field Internship, and a Capstone phase, students will demonstrate their ability to lead and manage patient care in dynamic, high-stress environments. During the internship, students will apply critical thinking and advanced clinical skills to assess patients, develop differential diagnoses, and implement evidence-based treatment plans. Emphasis is placed on performing as a team leader, managing patient care with minimal assistance, and making independent, high-level clinical decisions. Students will also hone their ability to administer medications, manage complex medical and trauma cases, and provide high-quality documentation. Throughout this course, students will focus on professionalism, leadership, and the integration of ethical practices in patient care. By the end of the internship, students will be prepared to transition into entry-level paramedic roles with the skills, knowledge, and confidence needed to deliver effective, compassionate care in both clinical and field settings. (1.2)

Errata

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Senior Citizens Tuition Waiver

Illinois Senate Bill 972 grants a waiver of tuition to ~~any person~~ any Illinois resident 65 years or older whose annual household income is less than the threshold amount provided in Section 4 of the "Senior Citizens and Disabled Persons Property Tax Relief Act" approved July 17, 1972, as amended. Forms to request waiver are available in the Bursar's Office.

Associate in Applied Science EMS-Paramedic

Associate in Applied Science Code: 5039

Contact hhs@bhc.edu hsc@bhc.edu for information; Advising Center,

309-796-5100, Rm 1-213; East Campus Advising Center, 309-854-1709.

The Associate in Applied Science EMS-Paramedic consists of the Paramedic Certificate EMS program plus 20 hours of general education Arts and Sciences courses added. The program is intended to give graduates greater flexibility in their career choice. Many EMS services are now giving

Emergency Medical Technician – Paramedic Certificate

Certificate Code: 5639

Contact hhs@bhc.edu hsc@bhc.edu for information; Advising Center, 309-796-5100, Rm 1-213; East Campus Advising Center, 309-854-1709.

Emergency Medical Services education is offered through the Allied Health department in cooperation with the Emergency Medical System of Genesis Medical Center, Illini Campus.

This education prepares individuals for entry-level positions as emergency medical technicians (EMS 100 & 102) and paramedics. The program prepares individuals to provide basic and advanced life support in out-of-the-hospital settings to critically ill and injured persons.

To prepare individuals to function in the pre-hospital role, a combination of educational methods will be used including theory instruction, demonstration and practice of life-saving skills for simulated and real emergency situations. Instruction is provided by physicians specializing in emergency medicine, registered nurses, and paramedics with advanced education in medical and trauma management.

Students must successfully document and meet all health and background checks required by academic programs and/or clinical sites prior to admission to program and/or courses. A physical examination and immunizations are required prior to beginning clinical practice/field time. Completion of pre-admission testing is required (contact the department at hhs@bhc.edu hsc@bhc.edu for information).

Health Information Management

Associate in Applied Science Code: 5392

Contact hhs@bhc.edu hsc@bhc.edu for information; Advising Center, 309-796-5100, Rm 1-213; East Campus Advising Center, 309-854-1709.

Pending ICCB approval of proposed changes, this program is no longer accepting new students.

Students completing this associate degree will be able to:

- Successfully utilize technology for the management of health care information • Acknowledge client cultural diversity especially in communication
- Demonstrate accurate use CPT and ICD-10 coding
- Provide information to administration using computer skills of preparing datasheet, analysis and presentation graphics

Medical Assisting Certificate

Certificate Code: 5864

Contact hhs@bhc.edu hsc@bhc.edu for information;

Advising Center, 309-796-5100, Rm 1-213; East Campus
Advising Center, 309-854-1709.

The Medical Assisting program will train individuals to work under the supervision of a physician, providing medical office administration and clinical duties that

Medical Coding Specialist Certificate

Certificate Code: 5684

Contact hhs@bhc.edu hsc@bhc.edu for information;

Advising Center, 309-796-5100, Rm 1-213; East Campus

Advising Center, 309-854-1709.

The Medical Coding Specialist Certificate is to prepare students for employment in the health care information management area. This certificate enables the student to be

Physical Therapist Assistant

Associate in Applied Science Code: 5279

Contact hhs@bhc.edu hsc@bhc.edu for information; Advising

Center, 309-796-5100, Rm 1-213; East Campus Advising

Center, 309-854-1709.

New students applying to Black Hawk College should select the AAS/General Occupational and Technical Studies (GOTS) until such time as they have been officially accepted by the department into this program.

Surgical Technology

Associate in Applied Science Code: 5173

Contact hhs@bhc.edu hsc@bhc.edu for information; Advising

Center, 309-796-5100, Rm 1-213; East Campus Advising

Center, 309-854-1709.

New students applying to Black Hawk College should select the AAS/General Occupational and Technical Studies (GOTS) until such time as they have been officially accepted by the department into this program.

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Associate in Applied Science EMS– Paramedic

Associate in Applied Science Code: ~~5039~~ 5139

Contact hhs@bhc.edu hsc@bhc.edu for information; Advising
Center,

309-796-5100, Rm 1-213; East Campus Advising Center,
309-854-1709.

The Associate in Applied Science EMS-Paramedic consists of the Paramedic Certificate EMS program plus 20 hours of general education Arts and Sciences courses added. The program is intended to give graduates greater flexibility in their career choice. Many EMS services are now giving preference in hiring candidates with an associate degree. A degree in Emergency Medical Services can prepare graduates for upward mobility within the profession. This degree can prepare graduates for being a charge medic, supervisor, or administrative director of emergency services. The target population consists of EMS personnel already working in the field who would like to earn a degree and for those who have a desire to pursue an EMS career.

The curriculum in Emergency Medical Service is career-oriented and the applicant must meet the following requirements for admission.

- High school graduation or equivalent,
- 18 years of age,
- Physical examination, immunizations, and CPR (BLS Provider from American Heart Association) are required prior to beginning clinical practice,
- Student must achieve a grade of 80% or above in all courses to continue in the program, and
- Completion of pre-admission testing with appropriate placement score OR successful completion of ~~ENG 031~~, MATH ~~081~~ 078, and COMM 100, ENG 101 or 101C, OR approval of EMS Program Director.

Students completing this program will be able to:

- Demonstrate the ability to comprehend, apply, and evaluate information in the classroom, practical lab, and clinical/field component of the Paramedic program.
- Determine patient needs and choose necessary interventions appropriate for the Paramedic scope of practice.
- Demonstrate knowledge attainment by successfully completing the NREMT or licensure exam for the Paramedic educational experience.
- Demonstrate satisfactory technical performance in all skills as required for the entry-level Paramedic during practical labs, exams and clinical/field rotations.
- Demonstrate satisfactory communication skills when communicating with faculty, patients, preceptors, and EMS/medical facility personnel.
- Demonstrate satisfactory documentation skills when documenting patient histories, assessments, patient care, and interventions.
- Recognize EMS professionals are an essential component of the continuum of health care.
- Demonstrate personal behavior consistent with professional, faculty, and employer expectations of an entry-level Paramedic as evidenced by the daily clinical/field evaluations and progressive/final field summary evaluations.
- Demonstrate expected personal behaviors during patient/staff interactions in the clinical/ field rotations as evidenced by the daily clinical/field evaluations and progressive/final field summary evaluations.
- Demonstrate values consistent with the values of the College, EMS Program, and the State/National regulating bodies as

evidenced by the daily clinical/field evaluations and progressive/final field summary evaluations.

- Recognize and accept cultural differences while providing patient care as evidenced by the daily clinical/field evaluations and progressive/final field summary evaluations.

Note: The EMS courses are only available at the QC Campus.

Suggested Courses

First Semester		Credit Hours
EMS 100	EMT-Basic	8
EMS 102	EMT- Basic Clinical	1
BIOL 145	Anatomy - Physiology I	4

Second Semester

BIOL 146	Anatomy - Physiology II	4
BIOL 150	Medical Terminology I	3
ENG 101	Composition I <i>or</i>	
ENG 101C	Composition I	3
PSYC 101	Intro to Psychology	3

Summer Semester

SPEC 175	Intercultural Communication <i>or</i>	
ANTH 102	Intro to Cultural Anthropology	3

Third Semester

EMS 110	Paramedic Theory I	7
EMS 112	Paramedic Theory II	8
EMS 114	Paramedic Clinical I	3
EMS 201	Cognitive Paramedicine I	8
EMS 203	Paramedic Psychomotor I	4
EMS 205	Paramedic Internship I	6

Fourth Semester

EMS 210	Paramedic Theory III	7
EMS 212	Paramedic Theory IV	7
EMS 214	Paramedic Clinical II	4
EMS 211	Cognitive Paramedicine II	8
EMS 213	Paramedic Psychomotor	4
EMS 215	Paramedic Internship II	6

Summer Semester

EMS 216	Paramedic Clinical III	5
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Minimum total hours required for a degree ~~70~~ 65

Students are encouraged to consult with an advisor for appropriate course selection.

Emergency Medical Technician – Paramedic Certificate

Certificate Code: ~~5639~~ 5640

Contact hhs@bhc.edu hsc@bhc.edu for information; Advising Center, 309-796-5100, Rm 1-213; East Campus Advising Center, 309-854-1709.

Emergency Medical Services education is offered through the ~~Allied Health~~ Health Sciences department in cooperation with

the Emergency Medical System of Genesis Medical Center, Illini Campus.

This education prepares individuals for entry-level positions as emergency medical technicians (EMS 100 & 102) and paramedics. The program prepares individuals to provide basic and advanced life support in out-of-the-hospital settings to critically ill and injured persons.

To prepare individuals to function in the pre-hospital role, a combination of educational methods will be used including theory instruction, demonstration and practice of life-saving skills for simulated and real emergency situations. Instruction is provided by physicians specializing in emergency medicine, registered nurses, and paramedics with advanced education in medical and trauma management.

Students must successfully document and meet all health and background checks required by academic programs and/or clinical sites prior to admission to program and/or courses. A physical examination and immunizations, *and BLS CPR from American Heart Association* are required prior to beginning clinical practice/field time. Completion of pre-admission testing is required (contact the department at hhs@bhc.edu hsc@bhc.edu for information).

To seek EMT licensure prior to employment the student must successfully complete the EMT courses (EMS 100 & EMS 102) and sit for either the EMT Illinois Department of Public Health State examination or the National Registry Examination.

To seek Paramedic licensure prior to employment the student must successfully complete the Paramedic Certificate Program and sit for either the Paramedic Illinois Department of Public Health State examination or the National Registry Examination.

Job opportunities include hospitals, private ambulance services, municipal fire, police or rescue squad departments. Volunteer services generally require EMT licensure.

The curriculum in Emergency Medical Service is career-oriented and the applicant must meet the following requirements for admission.

- High school graduation or equivalent
- 18 years of age
- Physical examination, *immunizations, and CPR (BLS Provider from American Heart Association)* ~~are is~~ required prior to beginning clinical practice
- Student must achieve a grade of 80% or above in all courses to continue in the program
- Completion of pre-admission testing with appropriate placement score OR successful completion of ~~ENG 034, MATH 084, 078, and COMM 100, ENG 101 or 101C, OR~~ approval of EMS Program Director.

Suggested Courses

First Semester (Fall, Spring or Summer)		Credit Hours
EMS 100	EMT- Basic	8
EMS 102	EMT-Basic Clinical	1

Fall Semester

EMS 110	Paramedic Theory I	7
EMS 112	Paramedic Theory II	8
EMS 114	Paramedic Clinical I	3
EMS 201	Cognitive Paramedicine I	8
EMS 203	Paramedic Psychomotor I	4
EMS 205	Paramedic Internship I	6

Spring Semester

EMS 210	Paramedic Theory III	7
EMS 212	Paramedic Theory IV	7
EMS 214	Paramedic Clinical II	4
EMS 211	Cognitive Paramedicine II	8
EMS 213	Paramedic Psychomotor	4
EMS 215	Paramedic Internship II	6

Summer Semester

EMS 216	Paramedic Clinical III	5
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Minimum total hours required for certificate: 5045

Agriculture Production

Certificate Codes: 9541, 9543, 9544

Contact agriculture@bhc.edu for information.

NOTE: These programs are not financial aid eligible.

Three certificate programs are offered in Agriculture Production. A student with a career interest in beef cattle and swine production may consider one of the following programs. Additional courses may be taken while completing the requirements for a certificate program. Elective coursework beyond the 12-hour certificate requirements available. Elective courses include: AG 141, AG 190 and HORT 191.

Animal Science Certificate Code 9541

Suggested Courses

First Semester	Credit Hours
AG 141 Animal Science	4
AG 244 Swine Science	3

Second Semester

AG 245 Beef Science	3
AG 247 Animal Health	2

Minimum total hours required for certificate 12

Beef Production Certificate Code 9543

Suggested Courses

First Semester	Credit Hours
AG 141 Animal Science	4

Second Semester

AG 245 Beef Science	3
AG 246 Meat Animal Evaluation	3
AG 247 Animal Health	2

Minimum total hours required for certificate 12

Swine Production Certificate Code 9544

Suggested Courses

First Semester	Credit Hours
AG 141 Animal Science	4
AG 244 Swine Science	3

Second Semester

AG 246 Meat Animal Evaluation	3
AG 247 Animal Health	2

Minimum total hours required for certificate 12

Agriculture Transfer

Associate in Science Code: ~~4519~~ 1619

Contact agriculture@bhc.edu for information.

Students who plan to complete a bachelor's program with a major in agriculture are encouraged to enroll in the Agriculture Transfer Program at Black Hawk College East Campus.

All East Campus courses have been articulated with the four Illinois universities which offer degrees in agriculture including: Illinois State University (Normal), Southern Illinois University (Carbondale), Western Illinois University (Macomb), and University of Illinois (Champaign/Urbana). These articulation agreements allow students completing the associate degree in agriculture to continue their education at these four-year institutions without loss of credits.

Many BHC East Campus agriculture graduates have successfully transferred to universities across the country, such as Purdue, Iowa State, Michigan State, Oklahoma State, Kansas State, Colorado State, and Texas A & M.

Students should work closely with an academic adviser to plan a two-year program designed for successful transfer of credits.

Suggested Courses

First Semester	Credit Hours
AG 100 Introduction to Agriculture	1
ENG 101 Composition I <i>or</i>	3
ENG 101C Composition I	
*AG Electives	4
AG 285 Animal Science	4
Mathematics	3
Physical <i>or</i> Life Science	4

Second Semester

ENG 102 Composition II	3
SPEC 101 Principles of Speech Communica	3
*AG Electives	4
AG 283 Field Crop Science	4
Mathematics	3
Physical <i>or</i> Life Science	3

Third Semester

*AG Electives	4
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AG 282	Introduction to Soil Science	4
Humanities		3
Computer Science		3
Non-Western Studies		3
Physical <i>or</i> Life Science		3

Fourth Semester

*AG Electives		7
AG 281	Agricultural Economics	4
*AG Electives		3
Fine Arts		3
Social and Behavioral Sciences		3
Social and Behavioral Sciences		3

Minimum total hours required for degree 64 60

*A minimum of 19 elective hours in agriculture are required in the Agriculture Transfer Program. Suggested electives include: (fall semester) AG 280, AG 281, AG 285, or AG 287; (spring semester) AG 282, AG 283, HORT 284, AG 288, AG 289.

Suggested electives include: AG 280, AG 288, and HORT 284.

Equestrian Science

Associate in Applied Science Code: 9096

Contact agriculture@bhc.edu for information.

Students completing the Equestrian Science Program will find many career opportunities in all phases of the horse industry. Some of the specific jobs available are stewards, riding instructors, trainers, horse show judges and show personnel.

Students completing the Equestrian Science Program will find many career opportunities in all phases of the horse industry. Some of the specific jobs available are stewards, riding instructors, trainers, horse show judges, and show personnel.

The Equestrian Science Program offers classroom study and laboratory exercises coupled with supervised on-the-job experience to prepare students for employment or for transfer to a four-year school in order to pursue a bachelor's degree related to horsemanship.

Special program features include: hands-on training of horses on campus each semester; general education courses which will easily transfer to four-year schools; elective courses to expand an individual's area of interest and knowledge; supervised on-the-job experience; and an opportunity to participate in horse judging and evaluation.

Suggested Courses

First Semester		Credit Hours
AG 125	Computers in Agriculture	1
AG 285	Animal Science <i>or</i>	
AG 141	Animal Science	4
EQ 101	Introductory Equine Seminar	1
EQ 151	Horse Production & Management	4
EQ 158	Horse Evaluation I	1
EQ 161	Western Horsemanship	4
HEAL 200	First Aid	1

Communications Elective	3
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Second Semester

EQ 102	Horse Science Work Experience Seminar	1
EQ 109	Equine Work Experience	5
EQ 154	Horse Equipment & Facilities	3
EQ 159	Horse Evaluation II	1
EQ 167	Colt Training <i>or</i>	
EQ 268	Intermed Horse Train & Develop	3
Mathematics Elective		3
EQ/AG Electives		2

Third Semester

AG 142	Animal Nutrition	3
EQ 262	English Equitation <i>or</i>	
EQ 261	Western Horsemanship II	4
EQ 263	Methods Teaching Horsemanship	2
EQ 267	Farrier Science	2
AG 281	Ag Economics <i>or</i>	4
AG 121	Introduction to Ag Economics	3
*EQ/AG Electives		3-4

Fourth Semester

AG 211	Ag Salesmanship	3
AG 225	Computer Applications in Agri <i>or</i>	
AG 289	Microcomputer Skills for Agri <i>or</i>	
CS 100	Intro to Computers	3
EQ 264	Show Horse Training <i>or</i>	
EQ 269	Performance Horse Training	4
EQ 266	Horse Show Preparation & Management	2
*EQ/AG Electives		3

Minimum total hours required for degree 70

*A minimum of seven or eight elective hours (depending upon whether AG 121 or AG 281 is taken during the third semester) are required in the Equestrian Science Technology program. Suggested electives include: EQ 253 or EQ 258; (Spring Semester) AG 122, AG 222, AG 232, EQ 120, EQ 152, EQ 220, EQ 254, EQ 259, or EQ 265.

Business

Associate in Applied Science Code: 5435

Contact bcengt@bhc.edu for information; Advising Center, 309-796-5100, Rm 1-213; East Campus Advising Center, 309-854-1709

A business degree provides knowledge and skills that translate across many roles and industries. This program is designed to develop the essential skills and knowledge required to enter or advance in today's business job market. The curriculum emphasizes a practical, hands-on approach to understanding foundational business elements such as operations management, marketing, human resource management, accounting, and finance.

Students in this program have the opportunity to hone their business skills through practical application of business concepts, teamwork, and internships. A business advisory committee comprised of business professionals from a variety of industries ensures that business graduates are well-equipped

and have access to resources to land their dream job or launch their next business venture.

Students who complete this program will be able to:

- Demonstrate the ability to apply and synthesize the functional areas of business to make sound business decisions.
- Demonstrate knowledge of traditional business functions including entrepreneurship, economics, leadership, management, marketing, accounting and finance.
- Communicate utilizing various communication tools and technologies to facilitate efficient and effective business communication.
- Analyze and appreciate the role of cultural diversity and the impact of a continuously changing global business environment
- Employ critical thinking skills to evaluate the practical implications of organizational policies, decisions and strategy.
- Identify, evaluate, and articulate defensible resolutions to practical social responsibility and ethical dilemmas.

Suggested Courses

First Semester		Credit Hours
ACCT 170	Accounting Basics – Career I	3
ACCT 171	Accounting Basics I - Lab	1
BUSN 110	Introduction to Business	3
BUSN 116	Business Relations	3
BUSN 160	Business Math I	3
CS 100	Intro to Computers <i>or</i>	
BE 146	Microsoft Excel	3

Second Semester

ACCT 180	Accounting Basics – Career II	3
ACCT 181	Accounting Basics II – Lab	1
BUSN 195	Personal Finance	3
BUSN 220	Business Math II	3
BUSN 242	Principles of Supervision <i>or</i>	
BUSN 250	Human Resource Management	3
BUSN 245	Business Entrepreneurship	3

Third Semester

BL 201	Business Law I <i>or</i>	
BL 202	Business Law II	3
BUSN 230	Principles of Marketing	3
BUSN 240	Principles of Management	3
ECON 221	Principles of Macroeconomics <i>or</i>	
ECON 222	Principles of Microeconomics	3
* Elective		3

Fourth Semester

BUSN 266	Business Policy and Ethics	3
BUSN 238	Sales Principles	3
BUSN 247	Business Internship	3
BUSN 249	Business Seminar	1
BE 180	Business Communications	3

Minimum total hours required 60

*You may choose from the approved list of electives listed below:

Accounting Electives: ACCT 121, ACCT 123, ACCT 240, ACCT 290

Business Education Electives: BE 146, BE 264

Finance Electives: BUSN 210, BUSN 215, BUSN 260, BL 201, BL 202

International Business Electives: BUSN 270

Marketing Electives: BUSN 236

Management Electives: BUSN 200, BUSN 241, BUSN 242, BUSN 250, BUSN 251

SPEC Electives: SPEC 114, SPEC 175

Small Business Management

Certificate Code: 9798

Contact bcengt@bhc.edu for information; Advising Center, 309-796-5100, Rm 1-213; East Campus Advising Center, 309-854-1709

NOTE: This program is not financial aid eligible.

Small businesses represent the majority of businesses in the United States. This curriculum provides students with the skills and core competencies necessary to successfully start, own, and maintain a small business or franchise. These courses are quite appropriate for those seeking new skills for a career change.

Students complete courses in computerized accounting, business communications, and a simulation to nurture small business management skills. Students learn how to start a new small business, compose a business plan, compile financial statements, and evaluate a small business analyzing its financial statements. Students develop long-term strategies to ensure a small business or franchise is an enriching experience and a rewarding career.

All courses in this curriculum are available online through Black Hawk College.

Suggested Courses

First Semester		Credit Hours
ACCT 170	Accounting Basics – Career I- Fall only	3
ACCT 171	Accounting Basics – Lab – Fall only	1
BUSN 110	Introduction to Business	3
BUSN 116	Business Relations	3
¹ BUSN 160	Business Math	3
CS 100	Intro to Computers <i>or</i>	
BE 146	Microsoft Excel	3

Second Semester

BUSN 230	Principles of Marketing	3
BUSN 242	Principles of Supervision <i>or</i>	
BUSN 250	Human Resource Management	3
BUSN 245	Business Entrepreneurship	3
² BE 180	Business Communications	3

Minimum total hours required for certificate 28

¹ Students enrolling in BUSN 160 must have an appropriate placement score (see course description).

²Students enrolling in BE 180 must have an appropriate placement score or have taken COMM 105 as a prerequisite.

Jana Koch-Thomas Reagan

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Catalog Disclaimer

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Agribusiness Management

Associate in Applied Science Code: 9142

Contact agriculture@bhc.edu for information.

Students completing the Agribusiness Management Program will find a great demand for their skills and services in the ag chemicals, feed, fertilizer, grain, ~~seeds~~ seeds, and other agri-related supply and service businesses. Jobs will be in sales, operation and management.

The Agribusiness Management Program offers classroom instruction and laboratory exercises coupled with supervised on-the-job experience to prepare students for gainful employment.

Special program features include: instructors with practical expertise in their areas of specialization; supervised on-the-job experience during both first and second years of the program; minimum of 3 elective hours of coursework, allowing students to specialize in their areas of interest; practical two-week summer session; 10-week fourth semester enabling students to secure full-time employment on or about April 1; and a majority of courses are in agriculture or are agriculture-related.

Students who complete this program will be able to:

- Demonstrate proficiency in agricultural topics including agricultural economics, animal science, and crops and soils.
- Expand and update precision technology as it applies to Crop Protection Technology, Agriculture Production, and Agribusiness Management Programs.

- Expand industry partnerships that provide opportunities for students to gain work experience in the agricultural production and agricultural business.

Suggested Courses

First Semester

	Credit Hours
AG 101 Introductory Ag Seminar	1
AG 121 Introduction to Ag Economics	3
AG 125 Computers in Agriculture	1
AG 131 Soils and Soil Fertility	4
AG 138 Crop and Soil Mngt	3
AG 141 Animal Science	4
*AG Electives	1
Communications Elective	3

Second Semester

AG 102 Ag Work Experience Seminar	1
AG 107 Agri-Business Work Experience	7
AG 122 Intro to Agriculture Mngt	4
AG 125 Computers in Agriculture	1
AG 132 Field Crop Science I	1.5
AG 132 Field Crop Science I	1.5
AG 135 Integrated Pest Management I	1.5
AG 135 Integrated Pest Management I	1.5
AG 171 Materials Handling Equipment	2
*AG Electives	1
Mathematics Elective	3

Summer Semester

AG 133 Field Crop Science 2	2
AG 136 Integrated Pest Management 2	1
AG 133 Field Crop Science II	2
AG 136 Integrated Pest Management II	1

Third Semester

AG 134 Field Crop Science 3	0.5
AG 137 Integrated Pest Management 3	0.5
AG 134 Field Crop Science III	0.5
AG 137 Integrated Pest Management III	0.5
AG 201 Adv Ag Work Experience Seminar	1
AG 207 Adv Agri-Busin Work Experience	5
AG 211 Ag Salesmanship	3
AG 225 Computer Applications in Agri	3
*AG Electives	2

Fourth Semester

AG 202 Advanced Ag Seminar	1
AG 222 Advanced Agriculture Mngt	4
AG 223 Agriculture Marketing	3
*AG Electives	7 6

Minimum total hours required for degree 71

*A minimum of ~~11~~ ⁸ AG elective hours are required in the Agribusiness Management Program. Suggested electives include: (Fall Semester) AG 138, 142, 148, 214, 238, 244, 248, 272 and 275; (Spring Semester) 147, 149, 214, 232, 241, 242, 245, 246, 247, 249, and 276 (Fall Semester) AG 138, 142, 148, 214, 238, 244, 248, 272

and 275; (Spring Semester) 147, 149, 214, 232, 241, 242, 245, 246, 247, 249, and 276, *HORT* 191, 192, 284, 292, and 294

Agriculture Production Technology

Associate in Applied Science Code: 9141

Contact agriculture@bhc.edu for information.

Students interested in agriculture production with emphasis on crops and/or livestock should consider the Agriculture Production Technology curriculum. Graduates of this program may become employed as farm operators or assistant managers, herdsman, swine specialists, ~~equipment operators~~ *equipment operators*, or general farmhands.

Classroom study and laboratory exercises coupled with supervised on-the-job work-experience to prepare students for gainful employment in agriculture.

Special program features include: instructors with practical expertise in their areas of specialization; supervised on-the-job experience during both first and second years of the program; minimum of 11 elective hours of coursework, allowing students to specialize in their areas of interest; practical two-week summer session; 10-week fourth semester enabling students to begin full-time employment on or about April 1; majority of courses are in agriculture or are agriculture-related.

Students who complete this program will be able to:

- Demonstrate proficiency in agricultural topics including agricultural economics, animal science, and crops and soils.
- Expand and update precision technology as it applies to Crop Protection Technology, Agriculture Production, and Agribusiness Management Programs.
- Expand industry partnerships that provide opportunities for students to gain work experience in the agricultural production and agricultural business.

Suggested Courses

First Semester		Credit Hours
AG 101	Introductory Ag Seminar	1
AG 121	Introduction to Ag Economics	3
AG 131	Soils and Soil Fertility	4
AG 138	<i>Crop and Soil Mngt</i>	3
AG 141	Animal Science	4
AG 125	Computers in Agriculture	1
*AG Electives		1
Communications Elective		3

Second Semester

AG 102	Ag Work Exp. Seminar	1
AG 108	Agri Production Work Exp	7
AG 122	Intro to Agriculture Mngt	4
AG 125	<i>Computers in Agriculture</i>	1
AG 132	Field Crop Science I	1.5
AG 135	Integrated Pest Management I	1.5
AG 132	<i>Field Crop Science I</i>	1.5
AG 135	<i>Integrated Pest Management I</i>	1.5

AG 171	Materials Handling Equipment	2
*AG Electives		1
Mathematics Elective		3

Summer Semester

AG 133	Field Crop Science 2	2
AG 136	Integrated Pest Management 2	1
AG 133	<i>Field Crop Science II</i>	2
AG 136	<i>Integrated Pest Management II</i>	1

Third Semester

AG 134	<i>Field Crop Science III</i>	0.5
AG 137	<i>Integrated Pest Management III</i>	0.5
AG 201	Adv Ag Work Experience Seminar	1
AG 208	Adv. Ag Production Work Exp.	5
AG 225	<i>Computer Applications in Agri</i>	3
AG 275	Field Machinery Operations I	3
AG 134	Field Crop Science 3	0.5
AG 137	Integrated Pest Management 3	0.5
AG 225	Computer Applications in Agri	3
*AG Electives		2
*AG Electives		1

Fourth Semester

AG 202	Advanced Ag Seminar	1
AG 222	Advanced Agriculture Mngt	4
AG 223	Agriculture Marketing	3
*Ag Electives		7

Minimum total hours required for degree 71

*A minimum of ~~11 elective~~ 8 AG elective hours are required in the Agriculture Production Technology Program. ~~Suggested electives include: (Fall Semester) AG 138, 142, 148, 238, 244, 248, and 272; (Spring Semester) AG 147, 149, 214, 232, 241, 242, 245, 246, 247, 249 and 276. Suggested electives include: (Fall Semester) AG 138, 142, 148, 238, 244, 248, and 272; (Spring Semester) AG 147, 149, 214, 232, 241, 242, 245, 246, 247, 249 and 276, HORT 191, 192, 284, 292, and 294.~~

Court Reporting Technology

Associate in Applied Science Code: 5651

Contact bcengt@bhc.edu for information; Advising Center, 309-796-5100, Rm 1-213; East Campus Advising Center, 309-854-1709

Do you think court reporting would be an exciting and rewarding career? It is! Court reporters play a vital and valued role in courtrooms, depositions, and other legal proceedings. It's an exciting, demanding, and rewarding career. The Court Reporting Technology program at Black Hawk College prepares individuals for successful careers as professional judicial reporters, broadcast captioners, and computer-aided realtime transcriptionists (CART). Broadcast captioning displays the audio portion of a television program as text on the television screen, providing a critical link to news,

entertainment, and information for individuals who are deaf or hard of hearing. Computer Aided Realtime Transcription (CART) is a method to provide access to spoken communication for people who are deaf, hard of hearing, or who have certain cognitive or learning impairments. Graduates of our Associate in Applied Science in Court Reporting

Technology degree will be prepared to transcribe and create complete and accurate legal records while taking advantage of exciting internship opportunities.

Court reporting degree-seeking students obtain experience with realtime reporting techniques and technology during their core courses. Every court reporting degree student at Black Hawk College completes a supervised internship which provides an exciting opportunity for students to try potential career options before graduation. At the completion of the program, students are prepared to pass the Illinois Certified Shorthand Reporter (CSR) and the national Registered Professional Reporter (RPR) exams. Interested students are encouraged to contact an advisor or faculty member for more information.

Suggested Courses

First Semester (Fall)

CRT 105 Realtime Theory I – 16 weeks	5
ENG 101 Composition I <i>or</i>	3
ENG 101C Composition I	
Gen Ed Elective Recommended from list below	3
CS 100 Intro to Computers	3

Second Semester (Spring)

CRT 110 Realtime Theory II – 8 weeks	3
CRT 115 Intro to Speed/Theory Review – 8 weeks	3
CRT 125 Court Reporting Tech/CAT	3
CRT 230 CRT Proofreading Skills	3
BL 150 Legal Terminology	3

Third Semester (Summer)

CRT 120 Speedbuilding I – 8 weeks	3
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Fourth Semester (Fall)

CRT 140 Speedbuilding II	3
CRT 150 CRT Medical Terminology	3
CRT 160 Speedbuilding III – 8 weeks	3
CRT 230 CRT Proofreading Skills	3
BE 180 Business Communications	3

Fifth Semester (Spring)

CRT 150 CRT Medical Terminology	3
CRT 125 Court Reporting Tech/CAT	3
CRT 180 Speedbuilding IV – 8 weeks	3
CRT 240 Courtroom Procedures	3
SOC 102 Contemporary Social Problems	3

Sixth Semester (Summer)

CRT 200 Speedbuilding V	3
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Seventh Semester (Fall)

CRT 225 Speedbuilding VI	3
CRT 265 Court Reporting Internship	1

Minimum total hours required for degree 60

Ged Ed Electives Recommended: BUSN 110, SPEC 114, SPEC 175, PHIL 100, 101, 103

Practical Nursing Certificate

Certificate Code: 5666

Contact nurs@bhc.edu for information; Advising Center, 309-796-5100, Rm 1-213; East Campus Advising Center, 309-854-1709.

New students applying to Black Hawk College should select the AAS/General Occupational and Technical Studies (GOTS) until such time as they have been officially accepted by the department into this program.

The curriculum in Practical Nursing is career-oriented and the applicant must meet the following requirements for admission.

- High school graduation or equivalent
- Completion of pre-admission testing
- PN 110 with “B” or better or BIOL 145 with “C” or better within 5 years of acceptance into program
- Completion of TEAS or HESI test with minimum required score.
- ENG 101, ENG 101C, or COMM 105
- MATH 080, MATH 078, or appropriate placement score
- Physical examination and immunizations are required prior to beginning clinical practice

Students must achieve a grade of “C” or above in all courses to continue in the program. Students must maintain a 2.0 GPA in order to graduate from Black Hawk College.

Upon completion of this course of study, the student may be eligible to take the examination to become a licensed practical nurse in Illinois.

Licensed practical nurses are employed in hospitals, nursing homes, physicians’ offices, clinics and a number of community agencies.

Students who successfully complete this program will be able to:

- ~~Display Practical Nursing knowledge at a competent level.~~
- *Promote the dignity, integrity, self-determination, and personal growth of diverse patients, their families, and oneself to provide individualized, culturally appropriate, relationship centered nursing care.*
- ~~Complete the ATI Nursing education computerized learning and testing coursework.~~

- *Make evidence-based judgments in practice that would provide safe quality care for diverse patients and their families in collaboration with the health care team.*

Suggested Courses

Program Prerequisites	Credit Hours
BIOL 145 Anatomy - Physiology I <i>or</i>	
PN 110 Basic Anatomy and Physiology	3-4
ENG 101 Composition I <i>or</i>	3
ENG 101C Composition I <i>or</i>	
COMM 105 Essentials of English	
MATH 070 Topics in Developmental Math <i>or</i>	
MATH 078 Pre-Algebra <i>or</i>	3
Appropriate placement score	

First Semester

PN 105 Pharm in Practical Nursing I	1
PN 111 Foundations of Practical Nursing	8
PN 112 Older Adult Nursing	8

Second Semester

PN 106 Pharm in Practical Nursing II	1
PN 113 Adult Health Nursing	8
PN 114 Intergenerational Nursing	8

Minimum total hours required for certificate 40

Completion of the Practical Nursing program does not automatically guarantee a graduate the right to take the National Council Licensing Examination or to become licensed as a practical nurse. The student is bound by the Illinois Nursing Act. For more information, refer to the Joint Committee on Administrative Rules – Administrative Code: <http://www.ilga.gov/legislation/ilcs/ilcs5.asp?ActID=1312&ChapterID=24>

Students must also successfully document and need all health and background checks required by academic departments and/or clinical sites prior to admission to program and/or courses.

Agribusiness Management—Horticulture Option

Associate in Applied Science Code: 9242

Contact agriculture@bhc.edu for information.

Pending approvals to proposed updates, this program is not currently accepting new students.

Students completing this program will find a great demand for their skills and services in the planning, implementation, production, management, processing, marketing and sales of horticultural commodities and services. Jobs will be in production, sales, operation and management.

The Agribusiness Management Horticulture Option program offers classroom instruction and laboratory experiences coupled with supervised on the job experience to prepare students for employment.

Special program features include: instructors with practical expertise in their areas of specialization; supervised on the job experience, minimum of 12 hours of elective hours of coursework allowing students to specialize in their areas of interest; 10-week fourth semester enabling students to secure full-time employment on or about April 1; and a majority of courses are in agriculture, horticulture and related disciplines.

First Year

First Semester	Credit Hours
AG 101 Introductory Ag Seminar	1
AG 121 Introduction to Ag Economics	3
AG 125 Computers in Agriculture	1
AG 131 Soils and Soil Fertility	4
*HORT 284 Introduction to Horticulture	3
Communications Elective	3

Second Semester

AG 102 Ag Work Experience Seminar	1
AG 107 Agri Business Work Experience	7
AG 122 Intro to Agriculture Mngt	4
AG 132 Field Crop Science 1	1.5
AG 135 Integrated Pest Management 1	1.5
AG 171 Materials Handling Equipment	2
*Horticulture Elective	3

Summer Semester

AG 133 Field Crop Science 2	2
AG 136 Integrated Pest Management 2	1

Second Year

Third Semester

AG 134 Field Crop Science 3	0.5
AG 137 Integrated Pest Management 3	0.5
AG 201 Adv Ag Work Experience Seminar	1
AG 207 Adv Agri Busin Work Experience	5
AG 211 Ag Salesmanship	3
AG 225 Computer Applications in Agri	3
*Horticulture Elective	3

Fourth Semester

AG 202 Advanced Ag Seminar	1
AG 222 Advanced Agriculture Mngt	4
AG 223 Agriculture Marketing	3
*Horticulture Elective	4
Mathematics Elective	3

Minimum total hours required for degree 69

Note: A minimum of 10 elective hours are required in the Agribusiness Management Horticulture Option. Suggested electives include: (Fall Semester) AG 172, HORT 192.

Agribusiness Management—Crop Protection Technology Option

Associate in Applied Science Code: 9143

Contact agriculture@bhc.edu for information.

Pending approvals to proposed updates, this program is not currently accepting new students.

Students completing this program will have the technical skills to operate, calibrate, and maintain agriculture chemical application equipment. Operators can earn an annual income of \$35,000 to \$45,000 per year. Opportunities for growth and advancement within the agriculture business exists for qualified individuals.

The Agribusiness Management Program offers classroom instruction and laboratory exercises coupled with supervised on the job experience to prepare students for employment.

Special program features include: instructors with practical expertise in their areas of specialization; supervised on the job experience during both first and second years of the program; minimum of 11 elective hours of coursework, allowing students to specialize in their areas of interest; practical two week summer session; 10 week fourth semester enabling students to secure full time employment on or about April 1; and a majority of courses are in agriculture or are agriculture related.

Suggested Courses: First Year

First Semester	Credit Hours
AG 101 Introductory Ag Seminar	1
AG 121 Introduction to Ag Economics	3
AG 125 Computers in Agriculture	1
AG 131 Soils and Soil Fertility	4
AG 138 Crop and Soil Mngt	3
AG 172 Agricultural CDL Training	2
AG 173 Ag Chem Equip Tech I	2
HEAL 200 First Aid	1
Communications Elective	3

Second Semester

AG 102 Ag Work Experience Seminar	1
AG 107 Agri Business Work Experience	7
AG 122 Intro to Agriculture Mngt	4
AG 132 Field Crop Science 1	1.5
AG 135 Integrated Pest Management 1	1.5
AG 171 Materials Handling Equipment	2
AG 174 Ag Chem Equip Tech II	1
AG Elective	1
Mathematics Elective	3

Summer Semester

AG 133 Field Crop Science 2	2
AG 136 Integrated Pest Management 2	1

Second Year

Third Semester

AG 134 Field Crop Science 3	0.5
AG 137 Integrated Pest Management 3	0.5
AG 173 Ag Chem Equip Tech I	2
(repeated)	
AG 201 Adv Ag Work Experience Seminar	1
AG 207 Adv Agri Busin Work Experience	5
AG 211 Ag Salesmanship	3
AG 225 Computer Applications in Agri	3

AG Elective	1
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Fourth Semester

AG 174 Ag Chem Equip Tech II	1
(repeated)	
AG 202 Advanced Ag Seminar	1
AG 214 Agriculture Tech & Info Mngt	3
AG 222 Advanced Agriculture Mngt	4
AG 223 Agriculture Marketing	3
AG Elective	1

Minimum total hours required for degree	72
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Note: A minimum of three elective hours in agriculture are required in the Agricultural Chemical Applicator Option. Suggested electives include: (Fall Semester) AG 138, AG 238, AG 272, AG 275; (Spring Semester) AG 232, AG 276.

Effective August 1, 2025

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The selection of a baccalaureate institution is an individual decision based upon the compatibility of the student with the academic programs, facilities, student body size, location, philosophy, and cost of attendance. Above all, the decision should be one which is based upon as much accurate information as the student can accumulate. Black Hawk College advisors are available to assist students with transfer options, so that students can make informed decisions.

Transfer Programs and Courses

Black Hawk College maintains articulation information on the College's web page at www.bhc.edu/transfer to assist with determining course transferability between Black Hawk College and senior institutions. ~~In addition, agreements exist with other private and public institutions that are not participants in the Illinois Articulation Initiative mentioned below.~~ In addition, agreements exist with other private and public institutions that are not participants in the Illinois Articulation Initiative mentioned below.

