
College of Business and Technology

Dr. Robert B. Rogow, Dean
Business and Technology Center 214
(859) 622-1409

www.cbt.eku.edu

Dr. Janna P. Vice, Associate Dean
Business and Technology Center 214
(859) 622-1574

COLLEGE OF BUSINESS AND TECHNOLOGY

VISION

The College of Business and Technology will provide the educational opportunities to enhance the entrepreneurial, technological, and professional capacity of its region.

MISSION

The mission of the College of Business and Technology is to serve as a school of opportunity for students from varied cultural and educational backgrounds by providing conceptual, applied, and experiential educational approaches through instruction, research, and service. The College's programs and services prepare students and others for their future and improve the economic development of the University's service region, the Commonwealth, and the nation.

GOALS

To fulfill its mission, the College of Business and Technology is committed to the following goals: (1) The College will recruit, retain, and prepare a diverse student body (both undergraduate and graduate) for participation in a regionally, national, and globally competitive economy; (2) The College will serve as a resource to students, businesses, professionals, and communities by providing a faculty who are engaged in providing quality instruction, scholarly activities (basic, applied, and instructional), and service; (3) The College will engage in continuous improvement processes that involve its appropriate stakeholders to ensure its programs and services are relevant, current, and meet national standards.

DEPARTMENT OF AGRICULTURE

Chair
Dr. Bruce Pratt
(859) 622-2228
Carter 2

Faculty

**S. Black, B. Fair, C. Hagan, D. Llewellyn, B. Maumbe,
M. McDermott and L. Rincker**

The Department of Agriculture offers Bachelor of Science and Associate of Science degrees in Agriculture and Horticulture. Options in the Agriculture degree program include a Business Minor, Agribusiness Management, Pre-Veterinary Medicine, Agriculture Systems Management, Agronomy and Natural Resources, Dairy Herd Management, Livestock Production and Soils. Options in the Horticulture program include a Business Minor, Floriculture/Greenhouse Management, Landscape Horticulture and Turfgrass Management. The Department also offers a joint degree program for Career and Technical Education - Agriculture Education Option. Minors are offered in soils, agriculture and horticulture. Students may receive the Associate degree and then continue for a Bachelor degree with no loss of credit.

The Pre-Veterinary Medicine program has an excellent veterinary school acceptance rate. More detailed information can be obtained by reading the section on Pre-Veterinary medicine.

Students will earn academic credit for their Cooperative Education and practicum experiences. Students may receive credit for 8 hours of practicum classes for the Associate Degree and 12 for the Bachelor of Science Degree. Practicum classes are 301, 302, 349 and 389. Students must obtain a "C" average in Department classes.

Programs in the department stress the latest technical information with applications through required laboratories and practicums at the University farms or through cooperative education. The Department operates greenhouses, a plant nursery and specimen garden and turf plots to support the instructional program in horticulture. The University owns and operates approximately 1000 acres devoted to the programs in agriculture. This includes state of the art facilities for beef, dairy, swine, sheep and crop enterprises used in our laboratory and practicum programs. Qualified students may also be employed in both the horticulture and agriculture enterprises through the work study program.

DEPARTMENT GOALS

The Department of Agriculture will provide outstanding instruction in agricultural programs to prepare students for participation in the regional, national and global agricultural economy. A technologically current, high quality learning environment will be provided through instruction, laboratories, practicums and experimental projects.

The Department will also provide service to the University, community, region, profession, and industry; provide opportunities for faculty/staff/student collaboration in scholarly and creative activities; and engage in continuous improvement processes to ensure its programs, services and infrastructure are current and relevant.

EKU Farms will provide a technologically current, high quality learning environment through instruction, laboratories, practicums and experimental projects.

The Division of Farms will demonstrate technologically current sound agricultural practices and techniques that are consistent with the instructional program, are environmentally sound and provide practical application and disseminate the information to the regional agricultural community. The Division will also promote and conduct service activities such as field days, tours, seminars, demonstrations, meetings and open houses to serve the needs of diverse consumer groups.

PROGRAM OBJECTIVES

AGRICULTURE

Graduates in the agriculture program are well trained for careers in many diverse aspects of agriculture such as government agencies (Kentucky Department of Agriculture, USDA, Cooperative Extension Service, NRCS), 4-H programs, soil conservation, farm management and operations, agribusiness including agriculture financial agencies/institutions, sales, feed sales, food plant supervision, retail-store management, technical service, Career and Technical Education, and the livestock industry to name a few. Students can also continue their education in graduate school or in veterinary medicine.

HORTICULTURE

With the abundance of hands-on practical experiences graduates in the horticulture programs pursue careers in the turf industry as golf course superintendents, sports turf managers, sales and service areas, professional landscape industry, the nursery industry, and in the floriculture/greenhouse industry.

CAREER AND TECHNICAL EDUCATION - AGRICULTURE EDUCATION OPTION

Graduates of the BS degree program in Career and Technical Education - Agriculture Education Option are prepared for teaching careers in secondary schools. They are prepared to lead programs in horticulture and agriculture and to advise their chapter's FFA members in carrying out their annual program of activities.

Numerous opportunities are available for extracurricular activities to complement the academic training. These include the Agriculture Club, Horticulture Club, Delta Tau Alpha (honorary society), student chapter of the Golf Course Superintendents Association of America, Agronomy Club and Pre-Vet Club. Numerous local and national trips are taken to expand students' learning experiences.

Baccalaureate Degrees

AGRICULTURE (B.S.) AREA MAJOR

CIP Code: 01.0301

- University Requirement 1 hour**
BTO 100.
- General Education Requirements 36 hours**
Standard General Education program, excluding blocks IVA, IVB, VB, and VII (QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**
BTS 300 (CR) and BTS 400 (CR).
- Supporting Course Requirements 17 hours**
ACC 201, BIO 121, CHE 101 and CHE 107 (1), ECO 230; CIS 212 or CCT 201 or CSC 104.
- Free Electives 11-15 hours**
- Major Requirements 59-63 hours**
 - Core 45 hours**
AGR 125, 126, 130, 131, 210, 213, 215, 304, 305, 308, 310 or 350, 411; four hours from AGR 301, 302, or 349; 12 hours of upper division AGR and/or OHO electives; and one of the following options:
 - Agribusiness Management Option 15 hours**
AGR 315, 321, 381, 409, and 440.
 - Agriculture Systems Management Option 14 hours**
AGR 272, 318, 362, 381, and 383.
 - Agronomy and Natural Resources Option 15 hours**
AGR 312 or 345; 315, 321, 340, and 416.
 - Dairy Herd Management Option 14 hours**
AGR 225, 321, 375, and 380.
 - Livestock Production Option 18 hours**
AGR 225, 321, 327, 328, and 409.
 - Soils Option 16 hours**
AGR 312 or 345; 315, 317, 318, 340, and 416.
 - Business Minor Option* 15 hours**
See *Catalog* for required courses for Minor in Business.
- Total Curriculum Requirements 128 hours**

*Minor in other fields may be substituted if approved by department chair and Dean of the College of Business and Technology. Minors other than Business may require additional hours. ACC 201 and ECO 230 are either required courses or supporting courses in both Agriculture and Business minor. Students completing requirements in the Pre-Veterinary Medicine program with a minor in chemistry will be designated Agriculture/Pre-Veterinary majors.

CAREER AND TECHNICAL EDUCATION

AGRICULTURE EDUCATION TEACHER CERTIFICATION

TEACHING (B.S.) AREA MAJOR

CIP Code: 13.1320

Offered in cooperation with the Department of Technology. See Department of Technology - Agriculture Education Option. This curriculum entails all requirements necessary for teacher certification for agriculture education.

HORTICULTURE (B.S.) AREA MAJOR

CIP Code: 01.0603

- University Requirement 1 hour**
BTO 100.
- General Education Requirements 36 hours**
Standard General Education program, excluding blocks IVA, IVB, VB, and VII (QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**
BTS 300 (CR) and BTS 400 (CR).
- Supporting Course Requirements 21 hours**
BIO 121 and 131, CHE 101 and 107 (1) ; ACC 201, ECO 230; CIS 212 or CCT 201 or CSC 104.
- Free Electives 10 hours**
- Major Requirements 60 hours**
 - Core 42-45 hours**
OHO 131, 132, 351, AGR 210, 213, 215, 304, 305, 308, 315, 349 (4), 409, 411; seven to ten hours of upper division electives from AGR and/or OHO electives, and one of the following options:
 - Floriculture/Greenhouse Management Option 18 hours**
OHO 352, 362E, 364, 384 or 385, 388, 389, and AGR 417.
 - Landscape Horticulture Option 18 hours**
OHO 365, 366, 370, 371 or 372, 391 and 392.
 - Turfgrass Management Option 18 hours**
OHO 301 (1), 352, 354, 362A, 362G, 370, 410 (2); AGR 362 and 416, and (1) hour OHO and/or AGR upper division.
 - Business Minor Option* 15 hours**
See Catalog for required courses for Minor in Business.
- Total Curriculum Requirements 128 hours**

*Minor in other fields may be substituted if approved by department chair and Dean of the College of Business and Technology. Minors other than Business may require additional hours. ACC 201 and ECO 230 are either required courses or supporting courses in both Horticulture and Business Minor.

Associate Degree

TECHNICAL AGRICULTURE (A.A.S.)

CIP Code: 01.9999

- Supporting Course Requirements 20 hours**
BTO 100, six hours of English composition*, three hours of general education humanities*, ECO 230, CHE 101 and 107 or 105 and 107, MAT 105.
- Free Electives 1 hour**
- Major Requirements 43 hours**
 - Core 31 hours**
AGR 130 & 131 or OHO 131 & 132, AGR 210, 213, 215, 304, 305, 308; 6 hours of practicum; 3 to 4 hours departmental electives, and one of the following options to total 64 program hours:
 - Agricultural Systems Management 12 hours**
AGR 272, 301(1), 362, 381 and 383.
 - Agribusiness Management 12 hours**
AGR 310, 350, 409, 440.

- Floriculture/Greenhouse Management 13 hours**
OHO 362E, 364, 388, 389; 384 or 385.
- Landscape Horticulture 12 hours**
OHO 365, 366; 370 or 391; 371 or 372.
- Livestock Management 12 hours**
AGR 125, 126, 321; 327 or 328 or 380.
- Turfgrass Management 12 hours**
AGR 362, OHO 301 (1), 351, 352 and 370.
- Total Curriculum Requirements 64 hours**

*Courses meeting general education requirements.

Minors

MINOR IN AGRICULTURE

Requirements 18 hours
A minor consists of 18 hours of agriculture classes arranged between the department chair and the student seeking the minor. The objective is to meet the student's need for a minor. Six or more hours shall be upper division courses and a minimum of six hours are to be taken at EKU. Courses counted toward a horticulture major may not be counted toward a minor. Transfer classes are to be evaluated by the Department Chair.

MINOR IN HORTICULTURE

Requirements 18 hours
A minor consist of 18 hours of ornamental horticulture classes arranged between the department chair and the student seeking the minor. The objective is to meet the student's need for a minor. Six or more hours shall be upper division courses and a minimum of six hours are to be taken at EKU. Courses counted toward an agriculture major may not be counted toward a minor. Transfer classes are to be evaluated by the Department Chair.

MINOR IN SOILS

Requirements 20 hours
A core of courses consisting of 19 hours may be taken for a minor in soils. Courses are AGR 130, 131, 215, 315, 317, 318, 340, and AGR 416. At least 6 hours must be taken at EKU. Transfer classes are to be evaluated by the Department Chair. No more than 9 hours of course work taken toward a major may be counted toward the soils minor.

Pre-Professional

PRE-VETERINARY MEDICINE

The Eastern Kentucky University program in pre-veterinary medicine is administered by the Department of Agriculture. Although Kentucky does not have a school of veterinary medicine, the state participates as a member of the Southern Regional Educational Board Plan under which legal Kentucky residents attend Auburn University School of Veterinary Medicine or Tuskegee Institute School of Veterinary Medicine. The program is funded by an appropriation of the General Assembly to the Kentucky Council on Post-Secondary Education.

Business and Technology

A limited number of students who are legal residents of Kentucky and have completed pre-veterinary requirements are selected by Auburn (34 positions) or Tuskegee Institute (two positions) each year to enter professional training in veterinary medicine at the respective schools. Students enter the four-year program of the veterinary school at the beginning of the fall term and are approved for succeeding years as long as normal progress is made toward the degree in veterinary medicine. These students are exempt from out-of-state tuition at Auburn. Selection is on a competitive basis with the final selection being made by a committee composed of faculty members from each of the respective schools.

Each of the two veterinary schools have similar entrance requirements and each requires a minimum grade point average of 2.5 on a 4.0 scale. Tuskegee requires the VAT and Auburn requires the GRE examination. Students should work closely with the pre-vet advisor concerning their program and should have a grade point average of 3.4 to be competitive.

All course work must be completed by June 15 prior to fall admission to the school of veterinary medicine. A grade of "D" in any required course is not accepted. Substitution of courses must be approved by the veterinary school to which application is to be made. All course requirements must be met and courses in organic chemistry and physics must have been completed within six years of entry into the School of Veterinary Medicine.

Application to Auburn under the Kentucky program is made beginning in the fall of the year preceding that of admission. Students may apply through the Pre-Vet advisor or through the Veterinary Medical College Application Service (VMCAS). The application deadline is October 1. Students should follow application instructions regarding updating of their transcripts and course work at the school to which they apply. Students should work closely with the pre-veterinary advisor in making certain that all requirements are met. There are some specific alternatives depending on a student's background.

A pre-vet student at Eastern Kentucky University has the following alternatives while proceeding through the program of study:

1. Complete the pre-vet curriculum in three years and apply for admission into a school of veterinary medicine. Students may receive a B.S. degree from EKU by transferring credits from the first year of veterinary school back to EKU and by completing all general education/University requirements.
2. Earn a B.S. degree at EKU with an agriculture, biology, chemistry, or other appropriate major during the fourth year while completing the pre-veterinary curriculum.
3. At any time, change from the pre-veterinary curriculum to the above majors and graduate with a B.S. degree with no loss of credit.

Students are expected to gain practical large animal experience during the course of pre-vet study, either on the University farm or with a D.V.M. The pre-vet advisor can assist in arranging for this experience.

Requirements at Auburn for Students without a Bachelors Degree

The following curriculum may be completed in three years after which the student is then eligible to apply for admission to Auburn or Tuskegee.

BTO 100, AGR 125, 126, 321, 372A, 421, BIO 141, CHE 361, 362, 366, 367, general education Block I, Block II (MAT 109 or 261), Block IIIA (ART, MUH, or THE), Block IIIB (ENG 211 or 212, Block IVA (BIO 121), Block IVB (CHE 111, 115 (1)), Block VA (HIS), Block VB (ECO 230), Block VC, Block VI, Block VII (AH - 3 credits from arts and humanities), Block VII (NS - CHE 112, 116 (1)), Block VIII (PHY 131 and 132), plus three additional credit hours of science electives. Refer to the General Academic Information section of this *Catalog* for details on the General Education block descriptions and University Requirements.

Total Curriculum Requirements 83-85 hours

Requirements at Auburn for Students with a Bachelors Degree

AGR 421	3
AGR 372A	1
BIO 121	4
BIO 141	4
CHE 111/115	4
CHE 112/116	4
CHE 361	3
CHE 366	1
CHE 362	3
CHE 367	1
PHY 131	5
PHY 132	5
Science Electives	6

****Recommended Science Electives for Auburn:**

AGR 321	3
AGR 373	3
AGR 374	3
AGR 375	3
AGR 376	3
BIO 315	4
BIO 320	4
BIO 342	4
BIO 348	4
BIO 371	4

Students not accepted at Auburn after their junior year may continue for a Bachelors Degree. Because of the courses in The Pre-Vet Curriculum most students continue their studies in either Agriculture, Biology or Chemistry, although a degree in any major is possible. Students who do not get into Auburn after their junior year may reapply.

Because of the large number of applications and limited number of acceptances the student should choose a secondary career goal.

EKUBUSINESS

EKUBusiness is comprised of the Department of Accounting, Finance, and Computer Information Systems, the Department of Management, Marketing, and Administrative Communication, and the Master of Business Administration program.

MISSION OF *EKUB*BUSINESS

*EKUB*Business is committed to being the “school of opportunity” of choice in its region. *EKUB*Business prepares future business leaders to compete in global markets through emphasis on quality instruction. To broaden career horizons, *EKUB*Business encourages students to participate in on- and off-campus professional developmental activities. *EKUB*Business engages talented faculty who excel in teaching and who expand their academic and instructional knowledge through research. *EKUB*Business develops partnerships that foster regional development and that enable stakeholders to compete in domestic and international markets.

GOALS OF *EKUB*BUSINESS

*EKUB*Business, to fulfill the above mission, pursues continuous improvement through the following goals: (1) Provide curricula and experiences, both academic and applied, that enable graduates to successfully pursue careers in their field of study; (2) Perform research that leads to applied and instructional intellectual contributions with MBA Faculty performing some basic research; (3) Provide service to key constituencies including the regional business community and academic and professional organizations at all levels.



Graduates of *EKUB*Business (the undergraduate and graduate programs in business administration at Eastern Kentucky University) have joined the ranks of the nation’s top business schools. *EKUB*Business, located in the College of Business and Technology has received accreditation by the Association to Advance Collegiate Schools of Business International (AACSB) for its undergraduate and graduate programs in business administration. Only 17 percent of the nation’s business schools have achieved AACSB accreditation.

AACSB International accreditation represents the highest standard of achievement for business schools worldwide and is the hallmark of excellence in business education. Institutions that earn accreditation confirm their commitment to quality and continuous improvement through a rigorous and comprehensive peer review. Founding members of the agency include many Ivy League Schools, including Columbia, Cornell, Dartmouth, Harvard and Yale; and such top-ranked schools as the University of California at Berkeley, the University of Chicago and Northwestern also hold AACSB accreditation.

To achieve accreditation, *EKUB*Business satisfied a wide range of quality standards related to strategic management of resources, interactions of faculty and students in the educational process, and achievement of learning goals in degree programs.

BETA GAMMA SIGMA

Founded as a national organization in 1913, Beta Gamma Sigma is an international honor society that provides the highest recognition a business student anywhere in the world can receive in an undergraduate or master’s program at a school accredited by AACSB International. With the global expansion of accreditation

by AACSB International, membership is no longer limited to those who have studied in the U.S. or Canada.

The mission and objectives of Beta Gamma Sigma are to encourage and honor academic achievement in the study of business and personal and professional excellence in the practice of business; to foster an enduring commitment to the founding principles and values of honor and integrity; to encourage the pursuit of wisdom and earnestness; to support the advancement of business thought and practice to encourage lifelong learning; and to enhance the value of Beta Gamma Sigma for student and alumni members in their professional lives.

To be eligible for Beta Gamma Sigma, students must be in the top 7 percent of the junior class, top 10 percent of the senior class, or the top 20 percent of the MBA program.

BACHELOR OF BUSINESS ADMINISTRATION AND BACHELOR OF SCIENCE IN INSURANCE DEGREE REQUIREMENTS

General University requirements, as well as specific course requirements set forth in the description of curricula, must be met by students completing associate and baccalaureate business programs administered by the College of Business and Technology. See programs under each department for major requirements. Academic Orientation course (BTO 100) is required in all Business programs. The requirements for the Bachelor of Business Administration (BBA) and the Bachelor of Science in Insurance degrees are as follows:

1. A cumulative 2.0 GPA must be maintained in all work taken in the BBA and BS Insurance programs.
2. Hours earned by correspondence study are accepted upon written approval of the Dean. However, not more than 25 percent of the total hours applied toward a degree may be earned via correspondence or telecourse instruction, military credit, or credit by examination.
3. Not more than 50 percent of undergraduate course work shall be completed in the *EKUB*Business programs. However, up to nine semester hours of economics and up to six semester hours of mathematics/statistics will not be included in this 50 percent.
4. At least 50 percent of the business course credit hours required for the BBA and BS Insurance degrees must be completed at EKU.
6. A minimum of an overall 2.25 GPA is required for the BBA programs in the following courses: (See specific degree requirements for each major)

BACHELOR OF BUSINESS ADMINISTRATION

BBA Supporting Courses: MAT 107 and/or MAT 211, QMB 240 (if required by major), SOC 131, ECO 230, and ECO 231;

BBA Pre-Business Core: ACC 201, ACC 202, GBU 204, and QMB 200;

BBA Core: CCT 300, CIS 300, FIN 300, MGT 300, 370, MKT 300, and GBU 480.

BACHELOR OF SCIENCE IN INSURANCE

BS Supporting Courses: MAT 211 (or MAT 107 combined with QMB 240) and ECO 230;

BS Pre-Business Core: ACC 201, ACC 202, GBU 204, and QMB 200.

BS Insurance Core: CCT 300, CIS 300, FIN 300, MGT 300, MKT 300, INS 370, and INS 374.

CCT 300 should be taken in first six hours of upper division course work. BBA students must complete all business core courses prior to taking GBU 480.

Students are urged to review carefully all course prerequisites, including the 60-hour rule before scheduling 300-level business courses. Failure to satisfy prerequisites may result in the student being administratively withdrawn from courses.

7. At least 12 hours in the major must be earned at EKU. A grade of "C-" or better is required for each course in the major.
8. Students must choose a major field at the time they enter an *EKUBusiness* program. Students must meet with and have schedules approved by the academic advisor.
9. A second major can be completed in *EKUBusiness* or in another program of the University. A third business major is not permitted. Because business students take the business core, they are limited to selected minors offered by *EKUBusiness*.

Free elective requirements for bachelor's degree programs in *EKUBusiness* cannot be met by choosing courses taught in Business. (See No. 4, BBA and BS Insurance under degree requirements.)

PREREQUISITE STRUCTURE IN *EKUBUSINESS*

The *EKUBusiness* curriculum is highly structured and carefully integrated. The content and methodology utilized in upper-division courses are based upon the assumption that students enrolled in these courses have matriculated through a specific series of lower-division courses which provide students with competencies needed for successful participation in upper-division business courses.

ENROLLMENT IN UPPER-DIVISION *EKUBUSINESS* COURSES

To enroll in the following upper-division **business-core** courses (CCT 300, CIS 300, FIN 300, MKT 300, MGT 300, 370, and GBU 480) students must have:

1. completed ACC 201, ACC 202, and ECO 230 with a grade of "C-" or better in each course;
2. completed a minimum of 60 hours (or enrolled in enough additional course work to complete their 60th credit hour) with a cumulative 2.0 GPA; and
3. met all specific prerequisite(s) for each course.

To enroll in other upper-division business courses, students are required to have met the specific prerequisite(s) for each course and have earned an overall 2.0 GPA. Students majoring in other departments whose planned curriculum includes selected business

courses (by virtue of agreements of sponsoring departments with a business program) must also adhere to all specified course prerequisites. Students majoring in programs other than business cannot earn more than 25 percent of their total degree requirements in courses with business prefixes.

BACHELOR OF BUSINESS ADMINISTRATION AND BACHELOR OF SCIENCE IN INSURANCE

The Department of Accounting, Finance, and Information Systems provides a Bachelor of Business Administration and a Bachelor of Science in Insurance which offer unique programs of study. The BBA and BS in Insurance are the only undergraduate insurance degrees in insurance in Kentucky. Students in these programs must meet prerequisites as noted.

BACHELOR OF SCIENCE IN BUSINESS AND MARKETING EDUCATION/TEACHING

The Department of Management, Marketing, and Administrative Communication, in cooperation with the College of Education, provides programs leading to certificates qualifying graduates to teach business subjects in grades 5-12. For admission requirements, see **Admission to Teacher Education** and **Admission to Student Teaching** sections in the College of Education portion of this *Catalog*. Also see **Policies and Requirements** sections in the same portion of this *Catalog*. Students in these programs must meet the business prerequisites as noted. Students interested in business teacher certification should consult the Chair of the Department of Management, Marketing, and Administrative Communication.

Business and Marketing Education/Teaching requires all students to meet the general education knowledge for initial teacher preparation requirements (see College of Education section of this *Catalog*).

TRANSFER STUDENTS AND STUDENTS FROM OTHER EKU COLLEGES

BBA and BS program requirements for transfer students are the same as those for students enrolling initially at EKU. Transfer students must have completed at least 60 semester hours of course work and all the requirements listed above to be eligible for upper-division business courses.

EKUBusiness considers lower-division credits transferred to EKU as lower division, even if EKU offers what appears to be a comparable course at the upper-division level. However, the dean of the College of Business and Technology may accept individual courses at EKU if the courses are validated using acceptable validation techniques. CLEP® and departmental exams are examples of possible validation techniques. With specified courses in real estate and accounting, the successful completion of advanced courses in the subject field for which the transfer course is a foundation or supporting requirement is an acceptable validation method. A successfully validated lower-division transfer course may not be utilized to fulfill the 43-hour upper-division graduation requirement.

CERTIFIED PUBLIC ACCOUNTANT (CPA)

The Kentucky legislature has mandated that students taking the CPA exam in the year 2000 and thereafter must have completed 150 semester hours. Therefore, accounting graduates seeking the CPA designation will need to complete additional undergraduate or graduate hours.

DEPARTMENT OF ACCOUNTING, FINANCE, AND INFORMATION SYSTEMS

Interim Chair
Dr. Oliver Feltus
(859) 622-1087

Business and Technology Center 108

Faculty

C. Blades, R. Chen, B. Claassen, J. Colbert, G. Crowley, Z. Eser, O. Feltus, E. Fenton, R. Fern, S. Gakpo, M. Hawksley, B. Hill, M. Holbrook, P. Kensicki, C. Lin, S. Loy, P. Maskara, T. Randles, and R. Rogow

Baccalaureate Degrees**ACCOUNTING (B.B.A.)**

CIP Code: 52.0301

University Requirement	1 hour
BTO 100.	
General Education Requirements	39 hours
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
College Requirement: Professional Skills Seminar	
BTS 300 (CR) and BTS 400 (CR).	
Supporting Course Requirements	15-18 hours
MAT 211 or the combined courses of MAT 107 and QMB 240; CIS 335; SOC 131; ECO 230, 231.	
Free Electives (non-business)	9-12 hours
Business Requirements	
Pre-Business Core	12 hours
ACC 201, 202; GBU 204; QMB 200.	
Business Core	21 hours
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.	
Major Requirements	28 hours
ACC 250, 301, 302, 322, 327, 425, 441, and nine elective hours (six from ACC 523, 501, 442, 521, 525, 527 or 440; and an additional three hours from this list or a non-accounting course approved by advisor, or ACC 349).	
Total Curriculum Requirements	128 hours

COMPUTER INFORMATION SYSTEMS (B.B.A.)

CIP Code: 52.1201

University Requirement	1 hour
BTO 100.	
General Education Requirements	39 hours
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
College Requirement: Professional Skills Seminar	
BTS 300 (CR) and BTS 400 (CR).	
Supporting Course Requirements	12-15 hours
MAT 211 or the combined courses of MAT 107 and QMB 240; SOC 131; ECO 230, 231.	
Free Electives (non-business)	13-16 hours
Business Core Requirements	
Pre-Business Core	12 hours
ACC 201, 202; GBU 204; QMB 200.	
Business Core	21 hours
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.	
Major Requirements	27 hours
CIS 215, 335, 340, 375, 380, 410 and one of the following options:	
General Computer Information Systems Option:	
Six hours from CIS 250, 370, 400, 436, or 475. An additional three hours selected from the above list or CIS 349, or an upper division course approved by the department.	
Network Management Option:	
Three hours from CIS 250, 349, 370, 400, or 436. An additional six hours selected from CIS 475, EET 354, EET 403, or an upper division course approved by the department.	
Total Curriculum Requirements	128 hours

FINANCE (B.B.A.)

CIP Code: 52.0801

University Requirement	1 hour
BTO 100.	
General Education Requirements	39 hours
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
College Requirement: Professional Skills Seminar	
BTS 300 (CR) and BTS 400 (CR).	
Supporting Course Requirements	12-15 hours
MAT 211 or the combined courses of MAT 107 and QMB 240; SOC 131; ECO 230, 231.	
Free Electives (non-business)	13-19 hours
Business Requirements	
Pre-Business Core	12 hours
ACC 201, 202; GBU 204; QMB 200.	
Business Core	21 hours
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.	
Major Requirements	24-27 hours
QMB 300; FIN 301, 350; and one of the following options:	
Managerial Finance Option:	
FIN 401, 455, ACC 301, 302, 327, 350.	

General Finance Option:

FIN 324, 401, 405, 420, 455, and three hours from RST 310, 330 or FIN 304.

Real Estate Finance Option:

FIN 304, 405; RST 310, 330, 401.

Total Curriculum Requirements 128 hours

INSURANCE (B.B.A.)

CIP Code: 52.1701

University Requirement 1 hour
BTO 100.

General Education Requirements 39 hours
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 12-15 hours
MAT 211 or the combined courses of MAT 107 and QMB 240; SOC 131; ECO 230, 231.

Free Electives (non-business) 16-19 hours
Business Requirements

Pre-Business Core 12 hours
ACC 201, 202; GBU 204; QMB 200.

Business Core 21 hours
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.

Major Requirements 24 hours
INS 370, 372, 374, 378, 486, and nine additional hours of insurance electives may be taken from the following:
INS 349 --up to a maximum of six hours, INS 380, 476, and 474, INS 400--up to a maximum of six hours total, INS 490 - up to a maximum of six hours; APS 350, 351, APS 352, 438, 465, FSE 221, 322, 350, 361, 366, TRS 332, and 342.

Total Curriculum Requirements 128 hours

INSURANCE (B.S.)

CIP Code: 52.1701

University Requirement 1 hour
BTO 100.

General Education Requirements 42 hours
Standard General Education program, excluding blocks II and VB. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 6-9 hours
MAT 211 or the combined courses of MAT 107 and QMB 240; ECO 230.

Free Electives (At least one hour must be upper division) 22-25 hours

Business Requirements

Pre-Core 12 hours
ACC 201, 202; GBU 204; QMB 200.

Core 21 hours
CCT 300, CIS 300, FIN 300, MGT 300, MKT 300; INS 370, 374.

Insurance Major Requirements 21 hours

INS 372, 378, 400; 486 or 488 or 474; and nine hours from INS 349 (1-6 hours), 376, 380, 382, 384, 400 (1-3 hours), 490 (1-6 hours), HCA 370, GBU 310, 311, MGT 330, MKT 310, APS 350, 351, 352, 438, 465, FSE 221, 322, 350, 361, 366, TRS 332 or 342.

Total Curriculum Requirements 128 hours

Minors

MINOR IN COMPUTER INFORMATION SYSTEMS

A minor in computer information systems is offered for students in programs other than in Business. The minor consists of 18 hours of computer information systems courses including CIS 215, 335, 340, 380, and six hours of approved upper division courses approved by the department. At least 12 hours of the minor must be earned at ECU. Students pursuing the computer information systems minor must maintain a 2.25 GPA on all work counting toward the minor.

MINOR IN INSURANCE AND RISK MANAGEMENT

Designed for the non business major, the minor consists of 18 hours including three hours of a required accounting course, nine hours of required Insurance courses and six hours of approved Insurance electives.

Students must earn at least 12 of the 18 hours used for the minor in residence at ECU and must maintain a cumulative GPA of 2.0 in all courses comprising the minor.

MINOR IN REAL ESTATE

The 18-hour real estate minor for non-business majors includes six hours of required business courses, 9 hours of required real estate courses, and three hours of real estate electives. The required business courses must be completed with a grade of "C-" or better prior to enrolling in any required real estate or real estate elective course. Students minoring in real estate must earn at least 12 hours of the total hours used for the minor in residence at ECU and maintain a cumulative GPA of 2.25 in all courses comprising the minor.

Required Business Courses 6 hours
ACC 201 and ECO 231.

Required Real Estate Courses 9 hours
RST 310, 320, and 330.

Real Estate Electives 3 hours
Any three hour upper division RST elective course for which prerequisites have been met.

Certificates**CERTIFICATE IN ACCOUNTING**

The Certificate in Accounting is designed to prepare individuals who have a bachelor's degree in another field for entry into the accounting profession. This program satisfies the Kentucky requirement that individuals taking the CPA Exam have a bachelor's degree in accounting or the equivalent.

Requirements include a bachelor's degree from an accredited college or university and completion of the following courses:

Supporting Course Requirements 18 hours

QMB 200, CIS 335, ECO 230, CMS 100, MAT 107 and (QMB 240 or MAT 211 or MGT 340).

Major Requirements 31 hours

ACC 201, 202, 250, 301, 302, 327, 322, 441, 440 and six hours from 400-500 level Accounting courses.

Total Curriculum Requirements 49 hours**CERTIFICATE IN REAL ESTATE**

The Certificate in Real Estate is designed to prepare applicants for licensure as real estate brokers or certification as real property appraisers in Kentucky.

Requirements include completion of at least 45 semester college level hours and permission of the Chair of the Department or a valid real estate sales associate license or state-certified residential appraiser certificate and completion of the following courses:

Requirements 12 hours

RST 310, 320 (or 410), 330, 401.

Total Curriculum Requirements 45 hours

**DEPARTMENT
OF MANAGEMENT, MARKETING,
AND ADMINISTRATIVE
COMMUNICATION**

Chair

TBA

(859) 622-1377

Business and Technology Center 11

Faculty

F. Awang, P. Brewer, S. Brown, L. Carnes, M. Case, R. Davis, N. Elbert, A. Engle, S. J. Garner, K. Kincer, T. McGlone, R. Powers, M. Reid, M. Roberson, M. Robles, C. Siegel, J. Spain, K. Tabibzadeh, and J. Vice

Baccalaureate Degrees**CORPORATE COMMUNICATION
AND TECHNOLOGY (B.B.A.)**

CIP Code: 52.0204

University Requirement 1 hour
BTO 100.**General Education Requirements 39 hours**

Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar

BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 12 hours

MAT 107 or MAT 211; SOC 131; ECO 230, 231.

Free Electives 9 hours

May include 3 hours approved business electives.

Business Requirements**Pre-Business Core 12 hours**

ACC 201, 202; GBU 204; QMB 200.

Business Core 21 hours

CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, and GBU 480.

Major Requirements 34 hours

CCT 106, 200, 250, 290, 302, 303, 310, 550, 570, 580, CMS 300, and MGT 340.

Total Curriculum Requirements 128 hours**GENERAL BUSINESS (B.B.A.)**

CIP Code: 52.0101

University Requirement 1 hour
BTO 100.**General Education Requirements 39 hours**

Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar

BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 12 hours

MAT 107 or MAT 211; SOC 131; ECO 230, 231.

Free Electives 10-13 hours

May include 3 hours approved business electives.

Business Requirements**Pre-Business Core 12 hours**

ACC 201, 202; GBU 204; QMB 200.

Business Core 21 hours

CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.

Major Requirements 30-33 hours

CIS 400, GBU 201, MGT 340, and one of the following options:

General Business Option (30 hours):

Three hours in a 400 level Marketing Course, three hours in Finance (FIN 301, 302, 304, 324, or 330), and three hours in Management (MGT 320, 330, 406, 430, or 470), and one additional approved upper-division course from finance, marketing, or management, and nine hours of approved business electives.

International Business Option (33 hours):

Six hours of foreign language, CCT 310, MGT 430, MKT 400, FIN 330; and six hours of business credit which will include course of study and/or internship in a foreign country. Exemptions from the foreign study requirement are available only with the chairperson approval. International students may choose to fulfill this requirement through internships, co-operative education, or approved upper-division courses in business or economics (ECO 394).

Global Supply-Chain Management Option (33 hours):

MKT 315, 400, 431, MGT 430, 375; 6 hours from the following courses: INT 400, CIS 380, CIS 435, MGT 406, MKT 312; and 3 hours of approved business electives or International Economics (ECO 394).

Total Curriculum Requirements 128 hours

MANAGEMENT (B.B.A.)

CIP Code: 52.0201

University Requirement 1 hour
BTO 100.

General Education Requirements 39 hours
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 12 hours
MAT 107 or MAT 211; SOC 131; ECO 230, 231.

Free Electives 13 hours
May include 3 hours approved business electives.

Business Requirements

Pre-Business Core 12 hours
ACC 201, 202; GBU 204; QMB 200.

Business Core 21 hours
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.

Major Requirements 24 hours
MGT 320, 340, 400, 480, and one of the following options:

Management Option:

12 hours of approved management electives above the core.

Human Resource Management Option:

MGT 410, 425, 440, 445.

Approved Business Electives 6 hours

Total Curriculum Requirements 128 hours

MARKETING (B.B.A.)

CIP Code: 52.1401

University Requirement 1 hour
BTO 100.

General Education Requirements 36-39 hours
Standard General Education program, excluding general education blocks II, VB, and VC. For Music Marketing Option, block IIIA is also excluded. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 12-15 hours
MAT 107 or 211; SOC 131; ECO 230, 231, MUS 272 (For Music Marketing Option).

Free Electives 0-13 hours
May include 3 hours approved business electives. Upper Division electives may be required to meet the University 43 hour upper division requirement. (Music Marketing Option: recommend BEM 240, and other business courses as electives, up to 50% of program).

Business Requirements

Pre-Business Core 12 hours
ACC 201, 202; GBU 204; QMB 200.

Business Core 21 hours
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.

Major Requirements 27-52 hours

Marketing Option 27 hours
MKT 350, 400, 455, MGT 340 and 15 hours of approved marketing electives above the core.

Music Marketing Option 30 hours
MUS 190 (2), 191 (2), 290 (2), 390 (3), 391 (3), MGT 340, and 15 hours from the following courses: MKT 304, 306, 310, 349, 400, 401, or MGT 330.

Professional Golf Management

Option 52 hours
MKT 310, 349A (1), 349B (1), 349C (1), 349D (1), 349E (1), 350, 404; MGT 201, 202, 203, 204, 205, 206, 207, 320, 330, MGT 340; additional requirements: OHO 351 (4), OHO 362G (1), NFA 445.

Approved Business Electives (Music and Marketing Majors only) 3 hours

Total Curriculum Requirements 128-137 hours

**BUSINESS AND MARKETING
EDUCATION/TEACHING (B.S.)**

CIP Code: 13.1303

University Requirement 1 hour
BTO 100.

General Education Requirements 39 hours
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 9 hours
MAT 107 or MAT 211; ECO 230, 231.

Free Electives (non-business) 2 hours

Teacher Education Requirements	31 hours
EDF 103, 203, 319, 413, ESE 490, 499, 573 and SED 401.	
Business Core	15 hours
CIS 300, FIN 300, GBU 204, MGT 300, and QMB 200.	
Major Requirements	31 hours
ACC 201, 202, 250, CCT 101, 200, 201, 302, 570; MKT 300; MGT 340 and three hours from MKT 304, 310, 320 or 400.	
Total Curriculum Requirements	128 hours

Associate of Applied Science Degree

OFFICE SYSTEMS AND TECHNOLOGIES (A.A.S.)

CIP Code: 52.0401

University Requirement	1 hour
BTO 100.	
General Education Requirements	15 hours
ENG 101, 102, three hours of Humanities, three hours of Math or Science, CMS 100.	
Free Electives (non business)	4 hours
Business Requirements	
Supporting Course Requirements	16 hours
ACC 201, 202, 250; ECO 230 or 231; GBU 204; CCT 349 or ECO 230 or 231.	
Major Requirements	28 hours
CCT 101, 106 (1 hour), 200, 201, 250, 280, 290, 302, 303, 310.	
Total Curriculum Requirements	64 hours

Minors

MINOR IN BUSINESS

The Business Minor is offered for students majoring in programs other than in Business. The minor consists of 21 hours including 18 hours of required courses and three hours of supporting courses. To enroll in an upper-division, business core course in the minor, students must (a) have completed ACC 201, ACC 202, and ECO 230 with a C- or better, (b) have completed a minimum of 60 hours, and (c) have met the prerequisite of the specific course. Students minoring in business must earn at least 12 of the total hours used for the minor in residence at EKU and attain a cumulative GPA of 2.0 in all courses comprising the minor.

Required Courses	18 hours
ACC 201, 202 and four courses from the following: CCT 300, CIS 300, FIN 300, GBU 204, MGT 300, MKT 300.	
Supporting Course	3 hours
ECO 230.	
Total Requirements	21 hours

MINOR IN MANAGERIAL COMMUNICATION

(for business majors only)

The managerial communication minor is offered for business (BBA) majors who want to increase their communication effectiveness in their major field of study. The minor is designed to provide training in interpersonal communication, oral and written presentations, research and reporting, and production of other

business publications/communications. These skills are transferable to any profession and are crucial in tasks such as communicating organizational change, establishing and implementing goals, communicating internally, relating to employees, dealing with the public, and addressing the media. The managerial communication minor consists of the following courses (18 hours) with 50 percent (nine hours) taken in residence at EKU:

Required Courses

18 hours
CCT 201 or 300 (whichever has not been completed as part of the business core); CCT 200, 250, 302, 450, and PUB 375. Courses taken toward a major may not be counted toward the minor in managerial communication. Substitute courses must be approved by the department chair.

MINOR IN OFFICE ADMINISTRATION

An office administration minor is available to students in any college and consists of the following courses (18 hours) with at least 50 percent (nine hours) taken in residence at EKU:

Required Courses

18 hours
CCT 200, 201 or 300, 250, 290 or CIS 230, 302, and 303. Courses taken toward a major may not be counted toward the minor in office administration.

DEPARTMENT OF COMMUNICATION

Chair

Dr. Maureen Everett
(859) 622-1871
Combs 317

Faculty

R. Beehner, M. Branstetter, C. Cogdill, A. Cooke-Jackson, J. Fitch, D. Givens, J. Gleason, E. Hansen, M. Hesse, K. Rudick, J. Strada, J. Taylor, A. Thieme, J. Violette, and F. Wellman

The Department of Communication offers four-year Bachelor of Arts degree programs in four areas: Broadcasting and Electronic Media, Communication Studies, Journalism, and Public Relations.

DEPARTMENT GOALS

The Department of Communication seeks to continue to provide excellence in learning through the use of innovative process and cutting edge programs, and to provide excellent instructional programs with an emphasis on hands-on and practical learning. Students in the department must exhibit analysis, problem-solving and decision making skills and communication competencies (theory, principles, and practice/skills).

PROGRAM OBJECTIVES

BROADCASTING AND ELECTRONIC MEDIA

Graduates of the Broadcasting and Electronic Media program pursue careers in the broadcasting/film industry, as well as in cable companies, industrial and corporate video facilities, advertising

agencies and production houses. Students in the General Option must demonstrate excellence in their ability to produce and edit either audio or video material to create a variety of projects. Students in the News Option must demonstrate excellence in gathering information, writing, and visual story-telling that meets accepted journalistic standards using a variety of visual platforms. Students in the Film Techniques and Technology option must demonstrate excellence in writing, visualizing, shooting, editing, and cinematic story telling.

JOURNALISM

Graduates of the Journalism program find jobs with newspapers, newsletters, magazines, businesses, governmental public information offices, and advertising firms. Journalism majors must be able to accurately gather information and present it to audiences using a variety of platforms.

PUBLIC RELATIONS

Graduates of the Public Relations program pursue careers with corporations, non-profit organizations, education, government and public relations agencies. Activities include writing and producing newsletters, news releases and speeches and planning events. Students must demonstrate excellence in research, planning, communication and evaluation of public situations using a variety of platforms to meet accepted Public Relations Society of America published standards for public relations education.

COMMUNICATION STUDIES

Graduates of the Communication Studies program pursue careers in labor relations, human resources, tourism, banking, corporate relations, sales and other areas. Activities might include conflict resolution, negotiation, assessment of client/business needs, doing a communication audit of a company or administration. Students will exhibit cognitive and behavioral learning demonstrating (a) sufficient knowledge about various human communication processes and (b) satisfactory skills related to communication competency.

MINORS

The department also offers minors in Advertising, Broadcast News, Broadcasting and Electronic Media, Communication Studies, Dispute Resolution, Journalism, Public Relations, and Visual Media.

MEDIA PRODUCTIONS

Two student media productions are supervised by the department: the student newspaper, *The Eastern Progress*; and a television news show, Madison County Cable News. Majors and non-majors can receive academic credit for work on some productions.

REQUIREMENTS

Some courses may require special skills and equipment such as the ability to keystroke a minimum of 25 words per minute. Instructors will notify students of these requirements at the first class meeting.

Students may earn up to 16 credit hours toward their degree by enrolling in co-op education courses. Credit for additional practical experience may be earned through practicums. Students majoring or minoring in the Department of Communication are

required to attain a minimum grade of C in all courses (core and supporting) for a major or minor and a 2.25 or better average in all courses (core and supporting) required for the major or minor.

Baccalaureate Degrees

BROADCASTING AND ELECTRONIC MEDIA (B.A.)

CIP Code: 09.0701

- University Requirement 1 hour**
BTO 100.
- General Education Requirements 48 hours**
Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**
BTS 300 (CR) and BTS 400 (CR).
- Free Electives 37-39 hours**
- Major Requirements 40-42 hours**
- Broadcasting & Electronic Media Core 19 hours**
BEM 240, 295 (4), 300, 370 (4) or 395 (4), 343 (1) or 349 (1) or 398 (1), COM 200, 491 (1).
- Options 21-23 hours**
 - General: 22 hours**
BEM 425, 495 (4) and 3 hours selected from BEM 375 or COM 201, 3 hours selected from BEM 375, COM 201, 301, 325, 330, or 353, 9 hours selected from BEM 375, 395, 401, 402, COM 201, 300, 301, 320 (A-I) (3), 325, 330, 353, 405, 415, 420, 425, 430, 445, 471, JOU 325, PUB 375, 380.
 - Broadcast News: 21 hours**
COM 201, 301, 405, BEM 401, 402, and 6 hours selected from BEM 375, 425, 495 (4), COM 300, 320 (A-I) (3), 330, 405, 415, 420, 430, 445, JOU 305, 325, 480, PUB 375, 380.
 - Film Techniques & Technology: 23 hours**
BEM 350 (3), 351 (3), 353 (3), 370 (4), 425 (3), 495 (4), 352 (3).
- Total Curriculum Requirements 128 hours**

COMMUNICATION STUDIES (B.A.)

CIP Code: 09.0101

- University Requirement 1 hour**
BTO 100.
- General Education Requirements 48 hours**
Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**
BTS 300 (CR) and BTS 400 (CR).
- Free Electives 28 hours**
- Major Requirements 51 hours**
CMS 200, 205, 210, 250, 300, 310, 315 and/or 349 (3 hours), 320, 325, 350, 375, 406, 410, 420, 450, 480, and three hours from the following courses: CMS 353, CMS 400 or CMS 490.
- Total Curriculum Requirements 128 hours**

JOURNALISM (B.A.)*CIP Code: 09.0401*

- University Requirement** 1 hour
BTO 100.
- General Education Requirements** 48 hours
Standard General Education program. Refer to Section Four of this *Catalog* for details on General Education and University requirements.
- College Requirement: Professional Skills Seminar**
BTS 300 (CR) and BTS 400 (CR).
- Free Electives** 24 hours
- Minor Requirements** 18 hours
Journalism students must complete a minor in an area outside the Department of Communication.
- Major Requirements** 37 hours
COM 200, 201, 301, and 491 (1), JOU 302 (1), 305, 310, 325, 401, 425, COM 405, and 8 hours selected from JOU 302, 307, 410, 415, 450, 480, COM 320A-I (up to 4 hours), 330, 415, 430, or 471.
- Total Curriculum Requirements** 128 hours

PUBLIC RELATIONS (B.A.)*CIP Code: 09.0902*

- University Requirement** 1 hour
BTO 100.
- General Education Requirements** 42 hours
Standard General Education program excluding block VB and block VC. Refer to Section Four of this *Catalog* for details on General Education and University requirements.
- College Requirement: Professional Skills Seminar**
BTS 300 (CR) and BTS 400 (CR).
- Supporting Course Requirements** 21 hours
COM 320 (3) A-I, 420, ECO 230 or 231, MGT 301 or BEM 425, POL 101 and six hours from the following courses: COM 301, 309, 325, 390, 425, GCM 211, MKT 301, or PUB 385, 480, 520.
- Free Electives** 28 hours
- Major Requirements** 36 hours
BEM 295(4); 375, COM 200, 201, 405, and 491(1), JOU 305, 325 or TEC 313, PUB 375, 380, 470 or 349 (1), 475, 490.
- Total Curriculum Requirements** 128 hours

Minors**MINOR IN ADVERTISING**

- Requirements** 21 hours
Courses required for a minor in advertising are COM 320 A-I (3 hours), 325, 425, 471, MKT 301, 320, and COM 490 or MKT 426. Three hours of COM/MKT courses taken to fulfill requirements for another major may be counted toward the advertising minor.

MINOR IN BROADCAST NEWS

- Requirements** 22 hours
Courses required for a minor in broadcast news are BEM 240, 295(4), 401; COM 201, 301, 405 and three hours from BEM 300, 343, 395(4), 398, 402, 415; COM 415, 430; or JOU

401. Courses counted toward the major may not be counted toward the minor in broadcast news. Substitute courses will be selected by the student and the departmental advisor.

MINOR IN BROADCASTING AND ELECTRONIC MEDIA

- Requirements** 22 hours
Courses required for a minor in broadcasting and electronic media are BEM 300, BEM 375; BEM 240, BEM 295(4), and BEM 415 and two courses selected from BEM 395(4), 343, 398, 410, 425, or COM 471. Courses counted toward a major may not be counted toward the minor in broadcasting and electronic media. Substitute courses will be selected by the student and the departmental advisor.

MINOR IN COMMUNICATION STUDIES

- Requirements** 21 hours
Courses required for a minor in communication studies are CMS 200, 205, 210, 250, 300, 310, and three hours from the following courses: CMS 320, 325, 375, or 406.

MINOR IN DISPUTE RESOLUTION

- Requirements** 18 hours
Courses required for a minor in dispute resolution are CMS 205, 250, 320, 325, 420, 450.

MINOR IN JOURNALISM

- Requirements** 18 hours
Courses required for a minor in journalism are COM 200, 201, 301, JOU 305, 310, and three hours from JOU 307, 325, or 401. Courses counted toward a major may not be counted toward the minor in journalism.

MINOR IN PUBLIC RELATIONS

- Requirements** 18 hours
Courses required for a minor in public relations are COM 200, 201; BEM 375; PUB 375, 380, and 475. Courses counted toward a major may not be counted toward the minor in public relations. Substitute courses will be selected by the student and the departmental advisor.

MINOR IN VISUAL MEDIA

- Requirements** 20 hours
Courses required for a minor in visual media are COM 320 A-I (3 hours), 325, JOU 325, BEM 295(4), 395(4), and GCM 211. Courses counted toward a major may not be counted toward the minor in visual media. Substitute courses will be selected by the student and the departmental advisor.

**DEPARTMENT OF MILITARY SCIENCE AND
LEADERSHIP
(ARMY)**

**Lieutenant Colonel Christopher Holly
Chair and Professor of Military Science
524 Begley, (859) 622-1205, chris.holly@eku.edu**

Military Science and Leadership Faculty

Major Craig Campbell, Major Douglas Clay, Captain Chad Gilbert, Sargent First Class Douglas Kleem, Master Sargent Richard Sirry

Reserve Officer Training Corps (ROTC)

Getting a degree doesn't necessarily guarantee employment. Taking Army ROTC will. The Reserve Officer Training Corps (ROTC) is a premier leadership-training program that prepares you to be a leader in any organization or business. ROTC enhances any Bachelors or Masters Degree program by making you better at time management, setting goals, making decisions, building teams, influencing others, and achieving success. The skills you develop in ROTC give you an advantage over your job-seeking peers; and at the end of the program you will have a full-time job waiting for you as a Commissioned Officer in the United States Army or part time in the Army Reserve or National Guard.

Career Opportunities

Commissioning Officers in the United States Army is a privilege reserved for the President of the United States. Students who graduate from Eastern's Army ROTC program are commissioned as Second Lieutenants and serve with other dedicated young men and women in our nation's defense. As new Lieutenants, officers serve in a variety of branches, such as Transportation, Military Police, Engineers, as Army Nurses, etc. and have the opportunity to travel worldwide. Starting salary for an active duty Lieutenant is over \$32,000, plus full individual and family medical coverage and 30 days paid vacation annually. For those who desire only a part-time commitment, the Guaranteed Reserve Forces Duty option gives students assurance they will be able to serve their country from home, adding stability to their chosen civilian career.

Leadership Development

EKU's Department of Military Science and Leadership has a proud reputation dating back to 1936. The program has commissioned over 2,075 officers. The program's unique approach to leadership development gives each student multiple opportunities to refine their own leadership skills and receive individualized performance feedback. Training is designed around a hands-on, experiential learning curriculum. Besides learning how to lead, students build their confidence by learning to rappel, negotiate EKU's new Challenge Course, fire the M-16 rifle, complete water survival training, and other adventure type activities. Students also learn to live the 7 Army Values – Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal Courage by demonstrating these values as they participate in the Corps of Cadets, the Pershing Rifles Drill Team/Color Guard, Ranger Company, and the Scabbard and Blade National Honor Society.

Scholarships and Simultaneous Membership

Eligible students may compete for a variety of ROTC Scholarships available on-campus and through the Army Reserves and Army National Guard. These fully funded scholarships pay 100% tuition, a \$600 annual book allowance, and a \$250-\$400 **monthly** tax-free living allowance. Members of the National Guard or Army Reserves who join ROTC under the Simultaneous Membership Program (SMP) may also receive a \$350 monthly SMP Kicker in addition to the tax-free ROTC living allowance, Montgomery GI Bill benefits, and E-5 drill pay.

Eligibility and Obligations

Students may enroll in any of the MSL 100-200 level courses without obligation. Students who desire to seek a commission must sign a contract before entering the Advanced Leadership Course (MSL 300-400 courses); they must also meet certain age, medical, citizenship, security clearance and military experience requirements. Military experience can be satisfied in a variety of methods (check with the ROTC Scholarship and Enrollment Officer at 859-622-1215 for details.) Students contracting into the Advanced Leadership Course will incur a military service obligation upon graduation.

Leaders Training Course (LTC)

One option for students who have no ROTC or military experience is completion of MSL 210, Leaders Training Course. This is a paid 28-day incubator-style practicum emphasizing experiential, hands-on leadership assessment and development. Offered only during the summer sessions. Course is taught at Fort Knox, Kentucky.

Scholar-Athlete-Leader

Becoming an Army Officer doesn't just happen; it requires a level of commitment, determination, and selflessness that few civilian careers will ever demand. Army Officers are intellectually curious, mentally adroit, physically robust, and possess a willingness and passion to take charge and make the right things happen. If you are a Scholar-Athlete-Leader who wants to join the world's most sophisticated Army then join ECU ROTC—“*Where Leadership Excellence Begins.*”

Minor

MINOR IN MILITARY LEADERSHIP (ARMY)

Requirements 24 hours

A minor in Military Leadership is available to students from any college who wish to obtain a commission as an officer in the United States Army, Army Reserve, or Army National Guard. Students must be contracted in the Advanced Course and complete 24 hours of advanced military science and leadership (MSL 301, 302, 303, 310, 311, 401, 402).

Air Force Reserve Officers' Training Corps (Air Force ROTC)

Lt. Colonel Kelvin O'Dell
(859) 257-7115
University of Kentucky (Host School)

AIRFORCE Faculty

R. Horn, M. Jordon, S. Ott

Air Force Reserve Officers' Training Corps provides a means for college students to pursue an Air Force commission as an active duty Second Lieutenant while achieving their academic goals in their chosen field of study. AFROTC provides the Air Force with civilian educated officers and provides students with well-paying, challenging positions after graduating from college. Air Force ROTC improves and strengthens the qualities of decision-making, responsibility, and maturity in its students and helps them to develop leadership ability.

Commission and Active Duty Requirements

All students who successfully complete the professional officer course, usually taken during the junior and senior years, and a summer field training course, will be commissioned as Second Lieutenants in the active duty United States Air Force. A leadership laboratory is also a requirement to becoming commissioned and is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the Professor of Aerospace Studies. Students incur a service commitment ranging from four to eight years, depending on the specific program qualifications; although, most are only committed for four years.

Admission to the Program

The two major phases of the curriculum are the General Military Course (GMC) and the Professional Officer Course (POC). The GMC generally is taken during the first two years of college. It covers two main themes — the contemporary Air Force and its organization and the development and history of air power. The GMC is open to all students and those enrolled in this program incur no military obligation unless the student is on scholarship beginning the first day of the sophomore year. A leadership seminar is also offered during each semester. During these sessions cadets learn Air Force customs and courtesies, proper wear of the uniform, and the fundamentals of Air Force drill and ceremonies. The freshman course is taught on-campus at Eastern Kentucky University and at the University of Kentucky. The leadership seminar is available at the University of Kentucky. Students initially registering for the GMC should sign up for these classes in the same manner they register for other college courses. Normally, students will enroll in both the academic class and leadership seminar.

The last two years, called the Professional Officer Course (POC), is normally taken during the junior and senior years of college. The POC curriculum covers Air Force management leadership, U.S. defense policy, and military law. A basic requirement for entrance into the POC is for the applicant to have two academic years remaining at either the undergraduate or graduate level or a combination of both. Prior enrollment in the GMC is not required for a student to enroll in the POC but students must have completed the summer field training program. Entrance into the POC is competitive. Any student wishing to apply should contact the Professor of Aerospace Studies,

University of Kentucky, Lexington, KY 40506-0028, (859) 257-7115 as early as possible, but no later than December of their sophomore year in college or the year they desire to compete. Applicants for the POC attend a four or five week field training session during the summer preceding entry into the POC. Cadets receive travel pay to and from field training and are paid for the time spent there.

Scholarships

Scholarships are available to those qualified and selected students who enroll in the Air Force ROTC cadet program. These scholarships cover tuition and laboratory fees, provide an allowance for books, and provide a nontaxable subsistence allowance of \$250-\$400 per month. High school students are eligible for four-year Air Force ROTC scholarships. Applicants for four-year scholarships are evaluated on the basis of: the American College Test (ACT), or the Scholastic Aptitude Test (SAT); high school academic record; class ranking; extracurricular and athletic activities; personal interview; and ability to qualify on an Air Force medical examination.

Two and three year scholarships are also awarded to cadets in the Air Force ROTC program on a competitive basis. Applicants for these scholarships should contact the Professor of Aerospace Studies on campus. There is also an Express Scholarship Program designed to attract students majoring in academic areas critical to the Air Force. The Express Scholarship Program awards two and three year scholarships and the academic majors are updated annually.

TWO-YEAR PROGRAM

Qualified students attending EKU or transfer students from other institutions who did not enroll in the first two years of Air Force ROTC may receive a commission through the Two-Year Program. Those accepted receive a non taxable subsistence of \$250-\$400 a month and may qualify for an additional \$1500 per semester. The basic requirement to enter this program is that the student have two academic years remaining, either at the undergraduate or graduate level. Selection is competitive. Interested students should contact the Professor of Aerospace Studies early in their sophomore year.

Minor

MINOR IN AEROSPACE STUDIES

Requirements 19 hours
AFS 311, 312, 313, 314, 411, 412, 413, 414, and three hours of an elective approved by the Dean of the College of Business and Technology and the Professor of Aerospace Studies.

DEPARTMENT OF TECHNOLOGY

Chair
Dr. William E. Davis
(859) 622-3232
Whalin 307

Faculty

A. Adams, J. Adamson, V. Chandra, D. Dailey, R. Davis, S. Fardo, D. Field, G. Gow, D. Henemier, J. Kilgore, T. Lloyd, M. Marchant, D. Martin, W. Reynolds, R. Richardson, L. Ross, S. Sgro, G. Steinbach, and J. Stratman

The Department of Technology offers Bachelor of Science degree programs in six areas: Aviation, Computer Electronic Networking, Construction Management, Industrial Technology, Graphic Communications Management, and Career and Technical Education.

DEPARTMENT GOALS

The Department of Technology seeks to prepare professionals for careers in Aviation, Computer Electronic Networking, Construction Management, Industrial Technology, and Graphic Communications Management through the Bachelor of Science degree programs; prepare technicians for careers in Computer Aided Drafting, Computer Electronics Technology, Digital Imaging Design and Quality Assurance Technology through the Associate of Applied Science degree programs; prepare professionals for careers in Career and Technical Education through certification, Associate of Applied Science, Bachelor of Science and Master of Science degree programs; to prepare selected professionals for advanced career opportunities in Industrial Technology through the Master of Science degree program; and to provide programs of quality instruction and professional services to the University and to the community.

AVIATION

Graduates of the Aviation program are prepared for professional careers in the aviation and aerospace fields.

The Professional Flight Option (PFO) prepares graduates for professional pilot careers. Graduates will be able to perform pilot duties of an aircraft carrying persons or property, plan and implement flight instruction, and will be qualified to fly an airplane solely by reference to instruments under instrument flight conditions (IMC).

The Aerospace Management (AM) option prepares graduates for management careers in the aviation and aerospace industry. Graduates of the AM option will be able to solve management and operational problems related to airline operations, demonstrate knowledge of corporate aviation, and demonstrate knowledge of how air transportation affects business, personal, and pleasure travel.

COMPUTER ELECTRONIC NETWORKING

Graduates of the Computer Electronic Networking program are prepared for a career in the high-tech electronics industry with skills in analysis, installation/maintenance of digital electronic devices and actuators, programmable logic controllers, computer network systems, laser/fiber optics and communication equipment.

Graduates of this program will demonstrate proficiency in basic networking skills relevant to small office/home (SOHO) environments, demonstrate proficiency in basic computing skills, demonstrate fundamental knowledge in electricity/electronics, and demonstrate effective communication skills while conveying information to technical and non-technical audiences. The Computer Electronic Networking program is accredited by the National Association of Industrial Technology.

CONSTRUCTION MANAGEMENT

Graduates of the Construction Management program are prepared for careers with general contracting firms, starting in a variety of management positions. Typical entry-level positions include: assistant project manager, estimator, superintendent, project scheduler, cost engineer, and field engineer. The Construction Management program is accredited by the American Council for Construction Education. Graduates of this program will have oral, written and graphic communication skills for successful performance in a construction environment; possess functional computer skills including the utilization of general and construction application software; apply mathematical and scientific skills in the management and execution of construction projects; apply the concepts of management, accounting, economics and ethics in the management and execution of construction projects; possess a basic understanding of the science of materials and the methods by which they are placed into service, possess the essential plan reading, quantity takeoff and pricing skills to function as a junior estimator; be able to prepare a project budget, analyze cost reports and make cash flow projections for a project, be able to prepare a project schedule, monitor progress toward completion, and update the schedule as needed; possess a basic knowledge of OSHA standards and be able to set up and enforce a safety plan on a job site, be able to interpret site plans, establish horizontal and vertical control on a site, and perform layout for buildings and utilities; be able to administer situations on a project site, including evaluation of subcontractor pay requests, writing of purchase orders, and recording change orders, subcontracts, shop drawings, and daily reports; perform in an acceptable manner in cooperative work assignments.

INDUSTRIAL TECHNOLOGY

Graduates of the Industrial Technology Program are prepared for professional careers in manufacturing industries and businesses. The Manufacturing Option prepares graduates for entry-level positions that include: manufacturing engineer, production engineer, industrial supervisor, industrial engineer, industrial technician, and quality engineer. The Industrial Distribution Option, that includes a Business minor, prepares graduates for positions in all aspects of industrial distribution including: manufacturing, warehouse management, sales and marketing, logistics, inventory and profit management and supply chains/distribution operations.

Graduates of the Industrial Distribution Option in Industrial Technology will have oral, written and graphic communication skills for successful performance in a global supply chain environment; possess functional computer skills including the utilization of general and distribution specific supporting software to generate professional reports; be able to apply mathematical and scientific knowledge in the management and execution of global distribution problem solving; apply the concepts of accounting, economics, marketing and ethics in the management of a global distribution system; be able to apply technical knowledge through hands-on experiences to solve distribution problems; apply the

knowledge of information-based inventory management to create competitive advantage; and integrate elements of distribution and logistic systems to identify and solve problems related to global customer needs.

Graduates of the Manufacturing Option in Industrial Technology will be able to relate terminology, techniques and methodology to applied technical managerial concepts; demonstrate the ability to formulate and apply technical problem solving and managerial concepts; be able to apply the concepts of mathematics and the physical sciences to solve technical problems. The BS degree program in Industrial Technology is accredited by the National Association of Industrial Technology.

GRAPHIC COMMUNICATIONS MANAGEMENT

Graduates of the Graphic Communications Management program are prepared for a balance of technical skills and managerial competence to obtain successful careers in the printing and publishing industries. This four-year degree program provides up-to-date instruction for a high tech future in the 3rd largest of manufacturing industries.

Graduates of the Graphic Communications Management program will demonstrate advanced competencies in printing and publishing processes and procedures; demonstrate technical competence during a cooperative education experience; demonstrate an understanding of printing processes and methods; and demonstrate competence in the common printing process.

CAREER AND TECHNICAL EDUCATION

Technology Education Option

Graduates of the Technology Education option of the B.S. degree program Career and Technical Education are prepared for teaching careers at the middle school and high school levels. A Technology Education teacher is prepared to enjoy a career that is rewarding in many ways. The opportunity to plan and guide the learning experiences of students in the use of robots, computers and other "high tech" equipment in problem solving and production activities are rewards found in few other professions.

Graduates of the Technology Education Option of the Career and Technical Education program will complete a student teaching experience in a professional setting; will be able to prepare a portfolio that includes instructional material development, samples of assessment and a professional growth plan; and will be able to demonstrate technical competence in the areas of manufacturing, communication, construction and related industry system.

Industrial Education Option

Graduates of the Industrial Education option of the B.S. degree program in Career and Technical Education are prepared for teaching careers in secondary schools and post-secondary technical colleges in technical areas such as: computer electronics, computer aided drafting (CAD), graphic arts and other technical occupational areas. An option is also offered in Occupational Training Development for those interested in training for business and industry.

Graduates of the Industrial Education option of the Career and Technical Education program will be able to plan and implement instruction for technical education courses; be able to develop and analyze assessment instruments for technical education courses; be able to develop and apply appropriate teaching strategies for technical education courses; be able to complete a Practicum in Career and Technical Teaching in a professional setting; and will be able to demonstrate occupational/technical competence by obtaining discipline-specific expertise.

Occupational Training and Development Option

Graduates of the Occupational Training and Development option of the B.S. degree program in Career and Technical Education are prepared to plan and implement instruction for technical courses in a business and industry setting; be able to develop and analyze assessment instruments for technical courses; be able to develop and apply appropriate teaching strategies for technical courses; and be able to complete a Practicum in Career and Technical Teaching.

The BS program in Career and Technical Education is accredited by the National Council for Accreditation of Teacher Education.

ASSOCIATE OF APPLIED SCIENCE

The Department of Technology also offers Associate of Applied Science degree programs (two-year programs) in Technology and Career and Technical Education. The Associate of Applied Science degree in Technology offers the student a choice of technical concentration in four options: Computer Aided Drafting, Computer Electronics, Digital Imaging Design, and Quality Assurance. The AAS degree program in Technology is accredited by the National Association of Industrial Technology.

ASSOCIATE OF APPLIED SCIENCE - TECHNOLOGY

Computer Aided Drafting

Graduates of the Computer Aided Drafting (CAD) program option are prepared for careers as drafters or designers who use computer aided drafting and design systems to generate drawings in manufacturing industries and businesses. Graduates obtain jobs in manufacturing firms in the machinery, plastics and fabricated metals areas.

Graduates of the CAD option of the AAS in Technology program will be able to apply 2D software applications to communicate and solve design problems; apply 3D software applications to communicate and solve design problems; and will be able to convert orthographic and pictorial sketch information into detailed 2D/3D Computer Aided Drafting drawings that meet or exceed current industry standards.

Computer Electronics

Graduates of the Computer Electronics (CE) program option are prepared for a career as a computer electronic technician. Graduates obtain jobs in a wide variety of manufacturing and service industries requiring skilled technicians to install, troubleshoot and maintain microprocessors, system components, programmable logic controllers, computer hardware and software.

Graduates of the CE option of the AAS in Technology program will demonstrate fundamental knowledge in electricity/electronics at the technician's level; demonstrate proficiency in basic computing skills; demonstrate proficiency in basic networking skills relevant to small office/home (SOHO) environments; and demonstrate effective communication skills while conveying information to technical and non-technical audiences.

Digital Imaging Design

Graduates of the Digital Imaging Design (DID) program option are prepared with skills to create well designed images and documents for the printing and publishing industries and for the World Wide Web.

Graduates of the DID option of the AAS in Technology program will demonstrate competency in digital imaging design processes and procedures; be able to create documents for publication using software common to the industry; be able to create documents for the world-wide-web using software common to the industry; and will demonstrate competence in the common printing process.

Quality Assurance

Graduates of the Quality Assurance (QA) program option are prepared for careers in manufacturing industries as quality assurance technicians. Their task is to control the manufacturing process so that a quality product is produced.

Graduates of the QA option of the AAS in Technology will demonstrate proficiency in the fundamentals of practical statistical methods as applied to quality concepts and techniques; apply principles and make calculations in the areas of sampling and reliability; and will be able to anticipate, recognize, and evaluate the impacts of quality assurance efforts.

ASSOCIATE OF APPLIED SCIENCE - CAREER AND TECHNICAL EDUCATION

The Career and Technical Education associate of applied science degree program is designed for in-service technical teachers employed in area technical centers and post-secondary technical schools. Graduates of the Career and Technical Education AAS degree program will be able to plan and implement instruction for technical education courses; develop and analyze assessment instruments for technical education courses; develop and apply appropriate teaching strategies for technical education courses; and complete a Practicum in Career and Technical Teaching.

MINORS

The department also offers minors in Aviation Administration, Aviation (Flight), Computer Electronic Publishing, Computer Electronics Technology, Construction Management, Industrial Technology and Quality Assurance.

ENDORSEMENT/CERTIFICATE

An endorsement in Industrial Computer Technology and a Career and Technical Education Certificate program for in-service technical teachers are also offered by the Department of Technology.

Baccalaureate Degrees

AVIATION (B.S.) AREA MAJOR

CIP Code: 49.0102

University Requirement 1 hour
BTO 100.

General Education Requirements 30 hours
Standard General Education program, excluding blocks II, IVB, VB, VII (NS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 40 hours
CSC 104 or CIS 212 or TEC 161; ECO 230; GEO 315; MAT 107, 108, 211 or 261; MGT 300 or 301, MGT 480 or INT 408; PHY 131 (5), 132 (5); PSY 200; and STA 215.

Free Electives 12-16 hours

Major Requirements 41-45 hours

Aviation Core 15 hours
AVN 150, 315, 350, 410, 460.

Majors must also select an option in professional flight or aerospace management

Options:

Professional Flight 26 hours
AVN 192 (5), 194A (1), 205A (1), 206A (1), 220 (4), 220A (1), 229A (1), 230A (1), 300 (2), 300A (1), 325, 400 (1), 400A (1), 425.

Aerospace Management 30 hours
AVN 340, 360, 370, 390, 401, 402; and twelve hours*^ from the following prefixes: ACC, AFS, AVN, CIS, ECO, FIN, GBU, INS, MGT, MKT, MSL, PUB, RST.

*Selection of lower division courses may result in a failure to meet university requirement of 43 hours of upper division credits.

^May require prerequisites.

Total Curriculum Requirements 128 hours

Students must take an Aviation exit examination before graduation.

CAREER AND TECHNICAL EDUCATION (TEACHING) (B.S.) AREA MAJOR

CIP Code: 13.1320

University Requirement 1 hour
BTO 100.

General Education Requirements 48 hours
Standard General Education program (MAT 107 or higher). Refer to Section Four of this *Catalog* for details on the General Education and University Requirements.

Major Requirements 76-79 hours

Professional Education Core 31-34 hours

EDF 103* (1), CTE 261, 361, 363, 463 (12) or ESE 499 (12) and ESE 490, EDF 319, ESE 552, SED 401.

Program Options:

Agriculture Education 45 hours
Animal Science AGR 125, 126 and one class from AGR 321, 327, 328 or 380; Agricultural Systems Management AGR 213 and one class from AGR 272, 311, 362 or 383; Soil Science AGR 215 and one class from AGR 315, 317, or 318; Plant Science AGR 130, 131 or OHO 131, 132 and one class from AGR 312, 417 and OHO 384 or 385; Agriculture Business AGR 308 and one class from AGR 310, 350, 409 or 440. AGR 304, 305 plus 45 Agriculture or Horticulture electives to make 45 credit hours selected in consultation with your advisor.

Industrial Education 45 hours**

Forty-five semester hours of technical courses to be chosen in consultation with the advisor. A maximum of eighteen semester hours may be allowed by proficiency examination (CTE 204, 205, 206, 304, 305, and 306; TEC 349* (9 hours).

Occupational Training and Development

..... **45 hours**

Forty-five semester hours of related occupational courses chosen in consultation with advisor.

Engineering/Technology Education⁺ 45 hours

CON 121, 201, 250; EET 252, 302, 303⁺⁺; INT 195, 371, 383; TEC 161, 190, 303, 404; select 6 hours from AVN 150, GCM 211, TEC 102, 141, 3 hours approved technical electives.

Free Electives 0-3 hours

Total Curriculum Requirements 128 hours

* In-service teachers and occupational trainers should substitute CTE 463 (4), CTE 164, CTE 364, SED 104, and TEC 161 for CTE 463 (12), EDF 103 (1), SED 401, and ESE 552. Nine hours which can be selected from CTE 302 and 303 should be substituted for TEC 349 (9 hours).

**Graduates completing this program option must have a minimum of 2000 clock hours of planned and supervised work experience in the occupation in which they will teach or a minimum of three years of approved work experience in the occupation in which they will teach. Students must also take the PRAXIS II Specialty Examination before graduation.

+Those desiring Pre-Engineering eligibility should take the following general education courses: CHE 111, MAT 107, 108, PHY 131.

++Complete an Endorsement for teaching Instructional Computer Technology by completing EET 403, TEC 255, and completing a major computer certification such as A+, Network+, MSCE.

Career and Technical Education options require all pre-service students to meet the general education knowledge for initial teacher preparation requirements (see College of Education section of this *Catalog*).

The BS degree program in Career and Technical Education is accredited by the National Council for Accreditation of Teacher Education.

COMPUTER ELECTRONIC NETWORKING (B.S.)

CIP Code: 15.1201

University Requirement 1 hour
BTO 100.

General Education Requirements 30 hours
Standard General Education program, excluding blocks II, IVB, VB, and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Courses 46 hours
CSC 160 and (CSC 177 or 190); ECO 230, MAT 108, 261, INT 202, 308, 406, 408; PHY 131, 132; STA 270 or QMB 200; TEC 161; and 3 upper division hours of ACC*, CCT*, CIS*, FIN*, GBU*, INS*, MGT*, MKT*, QMB*, or RST* electives as approved by major advisor.

Free Electives 9 hours
(A minimum of 4 semester hours must be Upper Division courses including Cooperative Education.)

Major Requirements 42 hours

EET 251, 252, 253, 254, 257, 302, 303, 343, 351, 403 or 452, 440, 499; Select 6 hours from EET 349, 354, 395.

Total Curriculum Requirements 128 hours

The Department of Technology's Computer Electronic Networking degree program has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College's (formerly Lexington Community College) Associate in Applied Science Degree in Engineering Technology with Electrical Specialization.

*Prerequisite may be required for some course selections.

Students must take a Computer Electronic Networking exit examination before graduation.

Graduates must have an overall GPA of 2.25 in major requirements. The Computer Electronic Networking program is accredited by the National Association of Industrial Technology (NAIT).

CONSTRUCTION MANAGEMENT (B.S.)

CIP Code: 52.2001

University Requirement 1 hour
BTO 100.

General Education Requirements 30 hours
Standard General Education program, excluding blocks II, IVB, VB, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements 39-40 hours
ACC 201, CCT 201, ECO 230, GBU 204, GLY 108, TEC 161; MAT 108 and MAT 261, or six hours of higher level MAT courses; MGT 301 or INT 408, PHY 131 (5), 132 (5) or CHE 101, 107 (1); and three upper division hours of **ACC, CCT, CIS, ECO, FIN, GBU, INS, MGT, MKT, QMB, or RST electives as approved by major advisor.

Free Electives 0-1 hours

Major Requirements 57 hours
CON 121, 201, 202, 221, 294, 303, 307, 320, 322, 323, 324, 349 (6), 420, 421, 423, 425, 426; FSE 361.

Total Curriculum Requirements 128 hours

The Department of Technology's Construction Management program has articulation agreements for transfer of credit and cooperation with Bluegrass Community and Technical College's (formerly Lexington Community College) Associate in Applied Science Degree in Architectural Technology and the Associate in Applied Science Degree in Civil Engineering Technology.

Students must take a construction assessment examination before graduation. An exam fee is required.

+Two separate summer enrollments are recommended in order to achieve a total of 6 credit hours.

**Students wishing to pursue the Minor in Business must confer with their major advisor to make substitutions to the supporting course requirements. INS, QMB and RST courses do not apply to the Minor in Business.

The Construction Management program is accredited by the American Council for Construction Education.

GRAPHIC COMMUNICATIONS MANAGEMENT (B.S.)

CIP Code: 10.0302

- University Requirement 1 hour**
BTO 100.
- General Education Requirements 33 hours**
Standard General Education program, excluding blocks II, IVB, VB, and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**
BTS 300 (CR) and BTS 400 (CR).
- Supporting Course Requirements 28 hours**
ACC 201; CHE 101, 107 (1); CSC 160; ECO 230; GBU 204; MAT 107; ACC 202 or ECO 300 or MGT 301 or MKT 301; PHY 101 and STA 215.
- Free Electives 18 hours**
- Major Requirements 48 hours**
EET 303, GCM 211, 217, 316, 317, 319, 349 (6 hours), 410, 414; INT 202, 408; TEC 161, 255, 313, and 355.
- Total Curriculum Requirements 128 hours**

Students must take a Graphic Communications Management assessment examination before graduation.

INDUSTRIAL TECHNOLOGY (B.S.) AREA MAJOR

CIP Code: 15.0612

Prior to enrolling in the last 60 hours of the Industrial Technology degree program students must complete INT 238, 201, 202, TEC 161, 190, MAT 108, PHY 131, CHE 101, 107 (1) or CHE 111, 115 (1); and STA 270 or QMB 200 and have an overall 2.0 GPA and 2.25 major GPA. Graduates must have an overall GPA of 2.25 in the major with no major grade below a "C-". Transfer students will be treated on an individual basis. The Industrial Technology program is accredited by the National Association of Industrial Technology.

- University Requirement 1 hour**
BTO 100.
- General Education Requirements 30 hours**
Standard General Education program, excluding blocks II, IVB, VB, VII (3 hours), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**
BTS 300 (CR) and BTS 400 (CR).
- Supporting Course Requirements for Industrial Distribution 42 hours**
ECO 230, MAT 108, 211 or 261 or 6 hours of higher level MAT courses; STA 215 or 270 or QMB 200; CHE 101, CHE 107 (1) or CHE 111, 115 (1); PHY 131 (5); ACC 201, ACC 202, GBU 201, GBU 204, MKT 300; select two courses from CCT 300, CIS 300, FIN 300, MGT 300.

Supporting Course Requirements for

Manufacturing 28 hours
ECO 230, CON 420 or ECO 300; MAT 108, 211 or 261 (or six hours of higher level MAT courses); PHY 131 (5); CHE 101, CHE 107 (1) or CHE 111, CHE 115 (1); STA 215 or 270 or QMB 200; TEC 349 (4).

Major Requirements 36 hours

Industrial Technology Core:

EET 251, INT 201, 202, 308, 310, 352, 371, 406, 408, 499; TEC 161, 190.

Major must select an option in Industrial Distribution or Manufacturing.

Options:

Industrial Distribution 18 hours

INT 200, 320, 400, 506, MKT 312 or 401.
Select 3 hours of U.D. technical electives from:
EET 351, INT 332, 336, 349, TEC 313.

Manufacturing 24 hours

INT 238, 301, 330.
Select 3 technical hours from:
EET 252, INT 192, 195; GCM 211.
Select 12 hours of U.D. technical electives from:
EET 350, 351, 440, 452; CON 303; INT 320, 332, 336, 383, 390, 392, 397, 506, 530; TEC 313.

Free Electives (Industrial Distribution Option)

..... **1 hour**

Free Electives (Manufacturing Option) 9 hours

Total Curriculum Requirements 128 hours

The Department of Technology's Industrial Technology degree program (Manufacturing Option) has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College (formerly Lexington Community College) Associate in Applied Science Degree in Engineering Technology with Electrical Specialization. In addition, the Department of Technology's Industrial Technology degree program (Manufacturing Option) has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College (formerly Central Kentucky Technical College) and Somerset Community and Technical College's Associate of Applied Science in General Occupational/Technical Studies including the areas of Machine Tool Technology, Industrial Maintenance, Industrial Electronics and Computer Aided Drafting.

Students must take a assessment examination before graduation. An exam fee is required.

+Transfer students (Manufacturing Option) with an associate degree in an industrial related field may not need to take these 12 hours of electives if upper division requirement can be completed.

*Industrial Technology majors may apply INT 310 in lieu of CCT 300 toward the minor in Business.

Incorporates a Business Minor into the Industrial Distribution Option.

Associate of Applied Science Degrees

**CAREER AND TECHNICAL EDUCATION
(TEACHING) (A.A.S.)**

CIP Code: 13.1319

Enrollment in this program is restricted to in-service technical teachers and graduates of a Kentucky Vocational/Technical School post-secondary program.

University Requirement 1 hour
BTO 100.

General Education Requirements 16 hours
Six hours of English composition, three hours of mathematics (MAT 107 or higher-level mathematics), three hours of general education humanities, three hours of general education social science, and five hours of general education electives. Refer to Section Four of this *Catalog* for details on General Education and University requirements.

Supporting Course Requirements 21 hours
CTE 261, 361, 364, 463**(12).

Major Requirements 24 hours
TEC 161 and 21 hours chosen from the technical area, or related to the area, in which the individual proposes to teach, as approved by the advisor. Graduates of this program must have a minimum of 4,000 hours of supervised work experience or four years of occupational experience in the area to be taught. Nine hours maximum may be allowed by proficiency examination (CTE 204, 205, and 206). Nine hours may be supervised work experience (TEC 349).

Total Curriculum Requirements 66 hours

**In-service teachers should substitute CTE 164, 363, 463 (4), and EDF 319 or SED 104 for CTE 463 (12).

Students must take a professional vocational technical education assessment examination and the Teacher Occupational Competency Test (TOCT) before graduation.

The AAS degree program in Career and Technical Education is accredited by the National Council for Accreditation of Teacher Education.

TECHNOLOGY (A.A.S.)

CIP Code: 15.0612

University Requirement 1 hour
BTO 100.

General Education Requirements 18 hours
ENG 101 and 102 or 105 (6 hours); MAT 107 or higher (3 hours); humanities (3 hours); ECO 230 (3 hours); CMS 100 (3 hours).

Option Requirements 39-44 hours

Computer Aided Drafting (41 hours)
CON 303; INT 195, 201, 330, 383, 390, 392, 397;
MAT 108; PHY 131 (5); TEC 161, 190.

Computer Electronics (44 hours)
CSC 160 or 177; EET 251, 252, 253, 254, 257, 302, 303,
343, 351, 399; MAT 108; PHY 131 (5); TEC 161.

Digital Imaging Design (40 hours)
ART 100 or 152; CHE 101, CHE 107 (1); CSC 160; EET
303; GCM 211 (2), 212 (1); 217, 316, 317, 319; TEC
161, 255, 313, 355.

Quality Assurance (39-40 hours)

CHE 101, CHE 107 (1) or CHE 111, CHE 115 (1); EET
251; INT 201, 202, 238, 301, 330, 332, 336; MAT 108;
QMB 200 or STA 215 or 270; TEC 161, 190.

Free Electives 1-6 hours

Total Curriculum Requirements 64 hours

Students must take an assessment examination before graduation.

The AAS degree program in Technology is accredited by the National Association of Industrial Technology.

Minors

MINOR IN AVIATION (FLIGHT)

Aviation Program

Requirements 23 hours

A student may minor in aviation (flight) by completing a minimum of 23 semester hours as follows: AVN 150, 192, 194A, 205A, 206A, 220, 220A, 300; 315; GEO 215. No more than 12 hours of core courses taken for the aviation (administration option) major may be counted toward the minor in aviation (flight).

MINOR IN AVIATION ADMINISTRATION

Aviation Program

Requirements 21 hours

A student may minor in aviation administration by completing a minimum of 21 semester hours as follows: AVN 150, 315, 340, 350, 410, 460, and three hours of approved electives. No more than 12 (flight) hours of core courses taken for the aviation major may be counted toward the minor in aviation administration.

MINOR IN COMPUTER ELECTRONIC PUBLISHING

Required Courses 12 hours

GCM 211, 217, 317, and TEC 313.

Supporting Courses 6 hours

Select six semester hours from GCM 316, 319, TEC 255 and 355.

Total Requirements 18 hours

MINOR IN COMPUTER ELECTRONICS TECHNOLOGY

Requirements 18 hours

EET 252, 253, 254, 354, 302 and 303. No more than nine hours of courses taken for a major may be counted toward this minor.

MINOR IN CONSTRUCTION MANAGEMENT

Requirements 21 hours

CON 121, 201, 202, 323, 324, 421, and CON 294. No more than nine hours of courses taken for a major may be counted toward this minor.

Business and
Technology

MINOR IN INDUSTRIAL TECHNOLOGY

Requirements 21 hours

TEC 190, INT 201, 202+, 238*, 308, and six hours of INT upper division electives. No more than nine hours of courses taken for a major may be counted toward this minor.

+STA 215 or 270 (Gen Ed. VII) or QMB 200 and MAT 107 or higher are prerequisites for INT 202.

*CHE 101, 107(1) or CHE 111, 115(1) Gen. Ed. Block IVB is a prerequisite for INT 238.

MINOR IN QUALITY ASSURANCE TECHNOLOGY

Requirements 18 hours

STA 215 or 270, INT 202, 332, 336, 506, and 530. No more than nine hours of courses taken for a major may be counted toward this minor.

Endorsement

INSTRUCTIONAL COMPUTER TECHNOLOGY

The requirements for an Instructional Computer Technology Endorsement for Career and Technical Education are: EET 252, 302, 303, 403, and TEC 255. Must have completed a major computer certification such as A+, Network +, MSCE, CCNA, CCNP and requirements for the B.S. Degree in Career and Technical Education.

Certificate

Career and Technical Education*

Enrollment in this program is restricted to those who are currently employed as technical teachers and required to become certified as teachers of “Vocational/Technical Education: Industrial Education.”

General Education Requirements 20 hours

ENG 101, 102; MAT 107, three hours of General Education humanities, three hours of General Education social science and five hours of General Education electives.

Professional Education Requirements 22 hours

CTE 164, 261, 361, 363, 364, 463 (4 hrs.); EDF 319 or SED 104.

Major Requirements 24 hours

TEC 161 and 21 hours chosen from the technical area, or related to the area, in which the individual is teaching, as approved by the advisor. Eighteen hours may be allowed by proficiency examination (CTE 204, 205, 206, 304, 305, and 306). Nine hours by proficiency examination may be applied to the Associate Degree and 18 hours to the Bachelors Degree in Career and Technical Education.

Total Curriculum Requirements 66 hours

*Based on recommendation from ECU, Certificate is awarded by the Education Professional Standards Board.