



THE SCHOOL OF NURSING
Advising Offices Are Located In:

113 Henderson Hall
(330) 672-7930

SCHOOL OF NURSING

THE KENT STATE UNIVERSITY SCHOOL OF NURSING provides a course of study at both the baccalaureate and master's level. After completion of the required course of study in the arts and sciences and professional nursing, graduates receive the degree of Bachelor of Science in Nursing and are eligible to take the state licensing examination to become professional registered nurses. Two additional years of study lead to the degree of Master of Science in Nursing with clinical focus in Adult, Psychiatric Mental Health or Parent Child Nursing, and role function options in administration, education, clinical specialization or nurse practitioner.

Accreditation

The baccalaureate and master's programs are accredited by the National League for Nursing Accrediting Commission and the Commission on Collegiate Nursing Education. The baccalaureate nursing program is approved by the State of Ohio Board of Nursing.

Aims of the Program

The specific purposes of the baccalaureate nursing program are to prepare practitioners for the beginning practice of professional nursing; to provide a base for the continuing development of the students as individuals, as citizens and as professional practitioners of nursing; and to provide a foundation for graduate study in nursing.

The School of Nursing is committed to the education of professionals in nursing within the perspective of today's society. The faculty believes that the foremost aim of such education is the acquisition of knowledge and unique specialized skills of the nursing profession. Professional education for nursing lays a foundation for the proficient and competent performance of nursing practice, based on scientific principles, and entailing self-directed activities and discriminative judgments.

The faculty believes that professional education in nursing stresses the development of high ethical standards and moral values, which enable future practitioners to make essential contributions to public welfare and social progress. Professional education in nursing strives to develop communication skills and personality traits for effective interpersonal relationships and provides a base for continuing study and for personal, social and professional development.

The program in nursing stresses the application of physical, biological and social sciences to professional nursing practice. Throughout the program, students learn to give professional nursing care to children and adults of various age groups in acute care, home and community settings.

Student Awards

Awards available through the School of Nursing include the Award for Excellence in Nursing Practice, the Award for Leadership/Service, and the Judith Hollander Bess Award for Academic Excellence.

Scholarships supported through the School of Nursing include the Victoria Reed Scholarship, The School of Nursing Alumni Council Kare Scholarship and the Dean Davina J. Gosnell Scholarship.

Liberal Education Requirements

All students graduating with a baccalaureate degree from Kent State University must have completed 36 semester hours of Liberal Education Requirements. These requirements are normally to be fulfilled within the first 60 semester hours of enrollment. These courses reflect Kent's Liberal Education Requirements as they are further specified by the nursing curriculum. These requirements are:

I. Composition	6
ENG 10001, 10002, College English I, II	
II. Mathematics, Logic and Foreign Languages	6
<i>Select from the Liberal Education Requirements on page 77.</i>	
III. Humanities and Fine Arts	9
<i>Select from the Liberal Education Requirements on page 78.</i>	
IV. Social Sciences	9
PSYC 11762, General Psychology	3
SOC 12050, Intro. to Sociology	3
One course	3
<i>selected from the Liberal Education Requirements on pages 78</i>	
V. Basic Sciences	10
CHEM 10050, Fundamentals of Chemistry	3
Choose one from:	2-5
10052, Introduction to Organic Chemistry (2)	
10054, Gen. and Elem.Organic Chemistry (5)	
BSCI 20020, Biological Structure and Function	5

Writing-Intensive Course Requirement

Refer to either pages 64 or 84-85 of this *Catalog* for specific information on the Writing-Intensive Course Requirement.

Program of Study

The program of study includes 129 semester hours of study in arts and sciences and professional nursing courses directed toward preparing graduates who:

1. Use critical and analytical thinking in the application of the nursing process to provide health care.
2. Establish purposeful relationships in the delivery of nursing care.

3. Assume responsibility for their personal and professional growth and nursing actions.
4. Participate with the interdisciplinary team to facilitate change in the delivery of health care.
5. Use basic knowledge of the research process in nursing practice.
6. Assume the roles of professional nurses.

Program Requirements

I. FIRST YEAR (Prenursing)33
BSCI 20020, Biol. Structure and Function	5
20021, Basic Microbiology	3
CHEM 10050, Fundamentals of Chemistry**	3
10052, Intro. to Organic Chemistry**	2
ENG 10001, 10002, College English I, II	6
NURS 10050, Intro. to Professional Nursing	1
PSYC 11762, General Psychology	3
SOC 12050, Intro. to Sociology	3
US 10001, University Orientation	1
Elective from Humanities***	3
Social Science***	3
II. SECOND YEAR34
BSCI 30030, Human Physiology	4
30050, Human Genetics	3
CHEM 20284, Physiological Chemistry	4
NURS 10020, Basic Cardio Life Support	1
20000, Professional Nursing Issues	2
20020, Foundations of Assessment and Comm. in Nursing	3
20030, Foundations of Nursing Intervention	5
20950* Human Growth and Development for Health Professionals	3
NUTR 33512, Nutrition for the Family	3
Electives from Math/Logic/or Foreign Languages***	6
III. THIRD YEAR32
NURS 30000, Professional Nursing Concepts	2
30010, Parent and Newborn Nursing	4
30020, Health Care of Children	4
30030, Nursing of Adults	5
30040, Nursing of Adults with Rehab. Needs and/or Gerontologic Changes	4
30050, Basic Nursing Informatics	2
30060, Basic Pharmacology for Nursing Practice	2
Statistics (one of the following)	3
SOC 32220, 32221, Data Analysis (4)	
MATH 10041, Elem. Prob. and Statistics (3)	
PSYC 21621, Quant. Methods in Psych. (3)	
Electives from Humanities***	6

IV. FOURTH YEAR30
NURS 40000, Professional Nursing Development	2
40010, Nursing of the Critically Ill	4
40020, Community Health Nursing	4
40030, Psychiatric Nursing and Mental Health Nursing Care	4
40040, Leadership and Management in Nursing	4
40050, Nursing Integration Practicum	3
40872, Intro. to Nursing Research	3
PSYC or SOC elective (upper-division)	3
Elective from Fine Arts	3
TOTAL	129

*Offered fall semester only.

**Regional Campus students may substitute CHEM 10054 for CHEM 10050 and 10052.

***See Nursing Liberal Education Requirements, page 305.

Elective Nursing Courses: Special nursing courses will be offered periodically by nursing faculty and may be taken as electives by nursing students. These courses are listed in the Catalog.

CPR, Basic Cardiac Life Support certification is required of all nursing students. The course NURS 10020, CPR is provided for those needing certification.

Major clinical facilities utilized for students' learning experiences include Mt. Sinai, St. Luke's, Cleveland Clinic, University Hospitals, Brecksville Veteran's, Health Hill and Metro Health in Cleveland; Akron General Medical Center, Summa Health Care—Akron City and St. Thomas Hospitals, and Children's Hospital-Medical Center of Akron; Robinson Memorial Hospital and the Kevin Coleman Mental Health Center in Ravenna; Columbia Mercy Medical Center in Canton; Austin Woods Rehabilitation and St. Elizabeth Medical Center in Youngstown; Trumbull Memorial Hospital and St. Joseph's in Warren; Massillon Community Hospital; Hattie Larlham Foundation in Mantua; The Summit County Health Department; The Cleveland Health Department; The Trumbull County Visiting Nurse Agency; Robinson Memorial Hospital Visiting Nurse and Hospice; Marymount Home Health Care; Alliance Visiting Nurse Agency, and various other social and health agencies.

Transportation is provided from the campus to clinical facilities by the Campus Bus Service with the exception of one semester in the senior year when students must have access to the use of a car while enrolled in Nursing in the Community.

ADMISSION PREURSING

New Freshmen

Admission will be granted to those students who have completed a strong academic pattern of courses in high school. In addition to meeting all general University requirements, it is essential that applicants present study in chemistry, biology and mathematics from high school. A high school average of 2.70 (on a 4.0 scale) is also required.

An ACT composite score of 22 and 22 in scientific reasoning is the minimum expected in order to receive favorable consideration.

Transfer Students

In addition to meeting all general University requirements for admission, transfer students should contact the School of Nursing regarding special information and deadlines.

Transfer students will be admitted to the School of Nursing on an individual basis.

Students wishing to transfer from another baccalaureate nursing program should consult directly with the School of Nursing at the time of application to the University.

Second Degree Students

Persons with a non-nursing degree wishing to pursue the study of nursing should consult with the School of Nursing at the time of application to the University.

Licensed Practical Nurses

L.P.N.'s admitted to the nursing sequence may establish credit by examination for selected sophomore-level nursing courses. An appointment should be made for advising through the School of Nursing at the time of application.

Sophomore Nursing Sequence

Limitations on available space for sophomore nursing majors necessitate a selective admission process. The sophomore nursing sequence begins only in the fall semester of each year. Preference is given to applicants who:

1. Complete BSCI 20020, 20021 and CHEM 10050, 10052 *or* CHEM 10054, with a minimum of a 2.50 average in these sciences;
2. Complete a minimum of 30 semester hours with a 2.50 or higher grade point average.

In February of the freshman year, prenursing students should apply directly to the School of Nursing for admission to the sophomore nursing sequence. Selection for the sophomore nursing sequence is made by a faculty committee of the School of Nursing beginning in June of each year.

Registered Nurses

Registered nurses admitted to the program may take examinations to establish credit in selected nursing courses. In addition, credit may be established in selected arts and sciences courses through examination. Transition nursing courses are available for registered nurses. Eighteen semester hours of required nursing courses are available via distance learning technology.

Kent's Eight-Campus System

The first year of the Baccalaureate Nursing Program is available on all eight campuses. The second year is offered at the Kent, Ashtabula, East Liverpool, Stark and Trumbull Campuses. Senior-level nursing courses are available at these same campuses via interactive computer technology. Advising is provided at each campus.

Progression

Progression and continuance in the program is based upon successful scholastic achievement and personal qualities for the practice of professional nursing.

Calculation of Averages for Progression to Junior and Senior Sequence Nursing Courses.

1. Students must have a 2.0 accumulative GPA each semester to continue in clinical nursing.
2. Progression to junior nursing requires the completion of 60 semester hours with a 2.00 or higher grade point average; the completion of all biology and chemistry courses as noted in program requirements with a 2.00 or higher grade point average; completion of all freshman and sophomore nursing courses with a 2.00 or higher grade point in each nursing course. In addition, N10050, Intro to Professional Nursing, normally is completed prior to the sophomore nursing sequence, but must be completed with a grade of C or higher prior to beginning the junior nursing sequence.
3. Progression to senior nursing courses requires the completion of 90 semester hours with a 2.00 or higher grade point average; the completion of all junior nursing courses, a 2.00 minimum average in each sophomore and junior nursing course.

Repeat of clinical nursing courses:

Each clinical course may be repeated one time only. Students may repeat no more than two clinical nursing courses throughout the program. Only one sophomore clinical course may be repeated. A withdrawal will be considered a repeat of the course if the students are failing theory and/or have an unsatisfactory in clinical at the time of withdrawal.

Students attaining two failures in clinical nursing courses are automatically dismissed from the nursing program. A clinical course in which an F is received must be repeated before progression in any other clinical course. A grade of at least a C must be obtained on repeat to avoid dismissal from the nursing program.

Graduation

The degree of Bachelor of Science in Nursing is granted to students who complete the planned program of study with a cumulative grade point average of at least 2.00 (C) and a 2.00 or higher in biology and chemistry courses; and a minimum 2.00 in each nursing course. Students also need to meet all other University requirements for graduation and complete a minimum of 32 semester hours at Kent.

Expenses and Financial Aid

In addition to the regular University expenses, nursing school costs for the four years include:

Uniforms, \$80

(Payable in September prior to beginning sophomore nursing)

Nurse Liability Insurance, \$99

Clinical Nursing Laboratory Fee, approx., \$800

Senior Year Expenses, \$600

(These expenses are approximate and will vary as the charges vary. Examples of the expenses included are the State Licensure application fee, NCLEX-CAT fee, School of Nursing pin, pictures for licensure and the NCLEX-CAT review.)

In addition to the regular University financial aid, nursing students are eligible for financial assistance, which is exclusively for nursing students, such as:

- The Federal Nursing Scholarship Program
- Jay S. Cole Scholarship
- Federal Nursing Student Loan Program
- The Elizabeth Hudak Memorial Fund (Short-term Emergency Loan Fund)
- Work Agreement Scholarship with Mt. Sinai Hospital of Cleveland
- Cleveland Clinic Foundation Nursing Education Grant Program
- Akron General Medical Center Service League Scholarship
- University Hospitals of Cleveland Tuition Assistance Plan
- The Army, Air Force and Navy Nurse Corps Student Programs





THE SCHOOL OF TECHNOLOGY
Advising Offices Are Located In:

123 Van Deusen Hall
(330) 672-2892

SCHOOL OF TECHNOLOGY

STATISTICS INDICATE that by the start of the 21st century nearly two-thirds of the future workforce will be employed in jobs that do not exist today, and employment opportunities will be the greatest in high-technology fields. Kent State University's School of Technology, part of Kent's eight-campus system, offers technology-based programs that will provide students with the skills needed to compete in today's job market.

With more than 25 programs—at the certificate, associate, bachelor's and master's degree levels—throughout Kent's eight-campus system, a talented faculty, and flexible class schedules that include evening, weekend, distance learning and web-based classes, the School of Technology has a program to match your needs and interests. Academic programs are divided into three areas: Aeronautics, Applied Business Technologies and Applied Science and Technology.

On the Kent Campus, the School of Technology offers four-year programs in Aeronautics, Industrial Technology, and Technology. At Kent's seven Regional Campuses, the school has two-year degrees in *Applied Business*, *Applied Science* and the *Associate of Technical Studies*. Programs in these areas include technology, computer technology, business technology, industrial technology, engineering technology and environmental technology. These programs are described under *Regional Campuses*.

Many of the credits earned in the school's associate's degrees can be applied toward the "2+2" program for a bachelor of science degree in Technology or Industrial Technology. These programs are described under "2+2" *Concentration for Associate's Degree Graduates*.

Note: To receive a baccalaureate degree from the School of Technology, students must, in addition to other requirements, satisfy the 36-hour minimum stipulated in the Liberal Education Requirements. (See pages 77-80.)

Cooperative Education

Cooperative education is a supervised work-study experience in an approved business or industrial environment. Students may choose (1) to alternate semesters of full-time employment and full-time study or (2) to maintain part-time student status while working no less than one-half time. (Full-time employment is defined as 35-40 hours per week for the entire semester or about four months.) Students working full time may earn two (2) credits; one (1) credit may be earned for half-time work.

This is available to School of Technology majors of sophomore rank or above who have a 2.25 overall grade point average. Cooperative education is repeatable to a maximum of six (6) credits; however, some programs limit use of co-op credits to fulfill graduation requirements. Application is made through the coordinator of cooperative education.

Writing-Intensive Course Requirement

Refer to either pages 64 or 84-85 of this *Catalog* for specific information on the Writing-Intensive Course Requirement.

BACHELOR OF SCIENCE DEGREE

Technology

This program provides a liberal education within our technological culture for students contemplating careers in technical-industrial fields. Courses in the major provide breadth of technical experience, while electives may be utilized to increase competencies in one or more areas. This program is not primarily intended for the preparation of technology education teachers. Students wishing to teach technology education should enroll in technology education programs offered through the College of Education. See pages 213 - 217 for Teacher Education Curriculum.

I. Composition	9
ENG 10001, 10002, College English I, II	6
20002, Technical Writing	3
II. Mathematics, Logic and Foreign Languages	7
MATH 12001, Algebra and Trigonometry	4
Select 3 hours	3
<i>from the Liberal Education Requirements.</i>	
III. Humanities and Fine Arts	9
COMM 15000, Theory and Practice of Oral Discourse	3
Select 6 hours	6
<i>from the Liberal Education Requirements.</i>	
IV. Social Sciences	12
PSYC 11762, General Psychology	3
31773, Industrial Psychology	3
Select 6 hours	6
<i>from the Liberal Education Requirements.</i>	
V. Basic Sciences	9
<i>At least 6 hours must be from courses that include a laboratory component. The remaining 3 hours may be from Liberal Education Requirements.</i>	
VI. US 10001, University Orientation	1
VII. Major Requirements:	39
Technology Core	
TECH 10001, Information Technology	3
13580, Engineering Graphics I	3
20001, Energy/Power	3
20002, Materials and Processes	3

21021, Survey of Electricity and Electronics	3
Technology	
TECH 11071, Woods Technology I	3
21046, Graphic Communication Tech. I	3
31000, Cultural Dynamics of Technology	3
31015, Construction Technology	3
31016, Manufacturing Technology	3
31087, Design for Technology Education	3
32002, Materials and Processes II	3
43080, Industrial and Environmental Safety	3
VIII. Technology electives	15
IX. General electives	21
TOTAL	122

Note: Upper-division technology electives must be chosen with faculty adviser.

Students must complete technology core sequence and all required lower-division math and science courses before registering for upper-division technology courses.

Minimum of 39 upper-division hours required.

Minimum of 2.00 overall grade point average is required.

Minimum of 2.25 required in major.

SPECIAL NOTICE

In order to enroll in upper-division professional education coursework, students seeking teaching certification must be admitted to advanced standing in teacher education. A 2.50 grade point average, clearance of all Professional Standards, and evaluations from instructors of foundations courses are required. Application for advanced standing should be made at the Office of Teacher Education, 306 White Hall, after 45 hours are completed.

"2 + 2" Concentration for Associate's Degree Graduates

This "2 + 2" concentration provides a broad-based education in technology subjects for technology associate's degree graduates who wish to advance their careers in technical environments. It allows graduates to apply all or nearly all of their coursework completed in the associate's degree program toward the Bachelor of Science degree. Through advanced study in upper-division technology courses, chosen with a technology faculty adviser, students will gain additional technical depth or breadth. Many students may wish to use the general electives to earn a minor

from another academic unit to complement their specific areas of interest in technology.

I. Composition	9
ENG 10001, 10002, College English I,II	6
Choose one from:	3
20002, Technical Writing (3)	
OMRT 21038, Business Communications (3)	
II. Mathematics, Logic and Foreign Languages	7
Choose one from:	4
MATH 11011, College Algebra (4)	
12001, Algebra and Trigonometry (4)	
<i>Select 3 hours from Liberal Education Requirements</i>	<i>3</i>
III. Humanities and Fine Arts	9
<i>Select 9 hours from Liberal Education Requirements.</i>	
IV. Social Sciences	9
<i>Select 9 hours from Liberal Education Requirements.</i>	
V. Basic Sciences	9
<i>At least 6 hours must be laboratory science courses. Select the remaining 3 hours from Liberal Education Requirements.</i>	
VI. US 10001, University Orientation	1
VII. Requirements	49
Technology courses from associate's degree	34
Technology electives (upper-division)	15
VIII. General electives (minimum of 12 hours upper-division)	28
TOTAL	121

Notes: Minimum of 27 hours of upper-division coursework required for technology associate's degree graduates. Minimum of 2.00 overall grade point average required. Upper-division technology electives must be chosen with faculty adviser.

BACHELOR OF SCIENCE DEGREE

Aeronautics

The programs offered under the B.S. degree in Aeronautics consist of four (4) separate areas of study. All four programs lead to a Bachelor of Science Degree with a major in Aeronautics.

Requirements for Admission for High School Students into the Aeronautics Programs

While Kent State University is an open admissions university which offers admission to Ohio students who are graduates of accredited high schools, admission to the Aeronautics programs is limited and highly selective. Only students who have earned a 2.25 high school cumulative grade point average will be considered for admission. Students not admitted to the programs may qualify for admission to the University as an undeclared major in

the School of Technology. These students may be admitted to the Aeronautics programs any time after the first semester of studies if they have earned a cumulative grade point average of 2.25 or above.

All applications must include the \$30 application fee, official American College Test (ACT)/Scholastic Aptitude (SAT) scores, and an official high school transcript which shows class rank and coursework in 9th, 10th and 11th grades, as well as the courses which are being taken or will be taken in the senior year. Transcripts which do not show class rank and senior courses cannot be considered.

Requirements for Admission for Transfer Students

Only transfer students with a grade point average of 2.25 or above will be considered for admission. This grade point average must be based upon a minimum of 24 semester hours of college-level work. (Students with less than 24 semester credit hours will be considered with the high school student pool.)

All applications must include the \$30 application fee and official transcripts showing all previously completed coursework.

All students requesting transfer of credit for technology courses taken at another school shall present a list of such courses to the program adviser for review and assessment. No credit will be given for courses with grades less than C.

Requirements for Admission from Another Program

Students already enrolled at Kent State University who desire to change majors to the Aeronautics programs must apply on the appropriate form to the Office of the Dean, School of Technology. Minimum grade point average to change major to the Aeronautics programs is 2.25. All applications must include official transcripts showing all previously completed coursework.

Aeronautics Programs

The Aeronautics programs consist of four separate areas of study: Aeronautical Studies, Aeronautical Systems Engineering Technology, Flight Technology and Aviation Management.

Flight Technology

The Flight Technology program prepares students to enter the field of aerospace flight operations as a professional pilot. This course of study enables students to qualify for a wide range of Federal Aviation Administration flight and ground ratings required for giving professional flight and ground instruction, commercial/instrument operations in business aviation, com-

muter airline operations, as well as qualifying for entrance to military flight schools. This option stresses subjects associated with systems, powerplants, structures and electronics. Students entering this program should have a strong desire for excellence in the aviation technical fields, as well as flying skills required of a professional pilot. This option is particularly designed for those students who aspire to become airline pilots.

- I. **Composition** 9
 - ENG 10001, 10002, College English I, II 6
 - 20002, Technical Writing 3
- II. **Mathematics, Logic, and Foreign Languages** 7
 - MATH 12001, Algebra and Trigonometry 4
 - 11012, Intuitive Calculus 3
- III. **Humanities and Fine Arts** 9
 - COMM 15000, Theory and Practice of Oral Discourse 3
 - Plus 6 hours 6
 - from Humanities and Fine Arts Liberal Education Requirements.
- IV. **Social Sciences** 9
 - ECON 22060, Principles of Microeconomics 3
 - 22061, Principles of Macroeconomics 3
 - PSYC 11762, General Psychology 3
- V. **Basic Sciences** 13
 - PHY 13001, 13002, General College Physics I, II 10
 - 32562, Aerodynamics 3
- VI. **US 10001, University Orientation** 1
- VII. **Major Requirements:** 75

Technology Courses

- TECH 10001, Information Technology 3
- 13580, Engineering Graphics I 3
- 20002, Materials and Processes 3
- 21021, Survey of Electricity and Electronics 4
- 33033, Hydraulics / Pneumatics 3

Aeronautics Core

- TECH 15000, Aerospace Technology 3
- 35020, Aerospace Propulsion 3
- 35040, Aerospace Systems 3
- 35150, Aerospace Structures 3
- 45030, Advanced Aerospace Systems 3
- 45291, Aerospace Senior Seminar 1
- 45350, Avionics 3

Flight Technology Courses

- TECH 15740, Elements of Flt. Theory 5
- 15741, Priv. Pilot Flight 3
- 25250, Elements of Aviation Weather 2
- 25743, Commercial Pilot Flight I 2
- 35644, Instrument Flight Theory 3
- 35645, Instrument Pilot Flight 2
- 35647, Commercial Pilot Flight II 2
- 35746, Commercial Pilot Theory 2

35747, Commercial Pilot Flight III 2
 45648, Theory of Flight Instruction 2
 45649, Flight Instructor -Airplanes 2
 45653, Multi-Engine Pilot Flight 1

Related Courses

TECH 35341, Air Trans. Systems 3
 45130, Phys. and Human Factor of Flight 3
 45150, Applied Flight Dynamics 3
 45250, Aviation Law and Safety 3

VIII. Non-Major Requirements 2
 Technology Electives (2)

TOTAL	125
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Students must complete technology core sequence and all required lower-division math and science courses before registering for upper-division technology courses, except for flight and flight theory courses.

Minimum of 39 upper-division hours required.

Minimum of 2.00 overall grade point average required.

Minimum of 2.25 required in major and field of concentration grade point averages.

Aeronautical Systems Engineering Technology

The Aeronautical Systems Engineering Technology program prepares students to enter the field of aeronautical engineering as technologists with educational experience in the practical application of theoretical principles. The program includes advanced mathematics and physics courses to complement engineering-related courses in aeronautics technology. Students entering this program should have an extensive background in high school mathematics and science.

I. Composition 9
 ENG 10001, 10002, College English I, II 6
 20002, Technical Writing 3
 II. Mathematics, Logic and Foreign Languages 23
 CS 10061, Introduction to Computer Programming 3
 MATH 12001, Algebra and Trigonometry 4
 12002, Analytic Geom. and Calculus I 5
 12003, Analytic Geom. and Calculus II 5
 21001, Linear Algebra 3
 22005, Analytic Geom. and Calculus III 3

III. Humanities and Fine Arts 9
 COMM 15000, Theory and Practice of Oral Discourse 3
 Plus 6 hours 6
from Humanities and Fine Arts Liberal Education Requirements.

IV. Social Sciences 9
 ECON 22060, Principles of Microeconomics 3
 22061, Principles of Macroeconomics 3
 Plus 3 hours 3
from the social sciences Liberal Education Requirements.

V. Basic Sciences 16
 CHEM 10050, Fundamentals of Chemistry 3
 PHY 23101, 23102, General University Physics I, II 10
 32562, Aerodynamics 3

VI. US 10001, University Orientation 1
 VII. Major Requirements: 57

Technology Courses

TECH 10001, Information Technology 3
 13580, Engineer. Graphics I 3
 20002, Materials and Processes 3
 21021, Survey of Electricity and Electronics 4
 23581, Computer Aided Engineering Graphics 3
 33033, Hydraulics / Pneumatics 3
 33222, Digital Design and Applications 3
 33363, Metal. & Material Science 3
 35111, Strength of Materials 3

Aeronautics Core

TECH 15000, Aerospace Tech 3
 35020, Aerospace Propulsion 3
 35040, Aerospace Systems 3
 35150, Aerospace Structures 3
 45030, Adv. Aerospace Systems 3
 45291, Aero Senior Seminar 1
 45350, Avionics. 3

Related Courses

TECH 45121, Adv. Aerospace Propulsion 3
 45150, Applied Flight Dynamics 3
 45700, Aircraft Design 4

VIII. Non-Major Requirement 3
 Technology Elective 3

TOTAL	127
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Students must complete technology core sequence and all required lower-division technology and basic science courses before registering for upper-division technology courses.

Students competing for Air Force ROTC Technical Scholarships should also take MATH 21001 and 42044.

Minimum of 39 upper-division hours required.

Minimum of 2.00 overall grade point average required.

Minimum of 2.25 required in major and field of concentration grade point averages.

American Assembly of Collegiate Schools of Business accreditation standards prohibit non-business majors from taking more than 25 percent of their degree requirements in business courses. Therefore, no more than 30 semester credit hours may be counted toward stated degree requirements.

Aviation Management

The Aviation Management program prepares students for entry-level positions in aerospace and other aviation-related industries. This course of study combines technical and aeronautical courses with courses in the management and administrative sciences.

Students entering this program should have a technical interest, mathematical proficiency, and an ability to develop analytical and communicative capabilities.

- I. **Composition** 9
 - ENG 10001, 10002, College English I, II 6
 - Choose one from:** 3
 - 20002, Technical Writing (3)
 - 20001, Business Writing (3)
- II. **Mathematics, Logic and Foreign Languages** 10
 - MATH 12001, Algebra and Trigonometry 4
 - 11012, Intuitive Calculus 3
 - CS 10061, Introduction to Computer Programming 3
- III. **Humanities and Fine Arts** 9
 - COMM 15000, Theory and Practice of Oral Discourse 3
 - Plus 6 hours 6
 - Choose from Humanities and Fine Arts Liberal Education Requirements.*
- IV. **Social Sciences** 9
 - ECON 22060, Principles of Microeconomics 3
 - 22061, Principles of Macroeconomics 3
 - PSYC 11762, General Psychology 3
- V. **Basic Sciences** 13
 - PHY 13001, 13002, General College Physics I, II 10
 - 32562, Aerodynamics 3
- VI. **US 10001, University Orientation** 1

- VII. **Major Requirements** 68
 - Technology Courses**
 - *TECH 10001, Information Technology 3
 - 13580, Engineer. Graphics I 3
 - 20002, Materials and Processes 3
 - 21021, Survey of Electricity and Electronics 4
 - 23581, Computer Aided Engineering Graphics 3
 - 33033, Hydraulics/Pneumatics 3
 - Aeronautics Core**
 - TECH 15000, Aerospace Tech 3
 - 35020, Aerospace Propulsion 3
 - 35040, Aerospace Systems 3
 - 35150, Aerospace Structures 3
 - 45030, Adv. Aerospace Systems 3
 - 45291, Aero Senior Seminar 1
 - 45350, Avionics. 3
 - Related Courses**
 - ACCT 23020, Intro. to Financial Accounting 3
 - ADMS 24042, System Analysis I 3
 - 24055, Principles of Business Statistic 3
 - 24163, Principles of Management 3
 - 34032, Data and File Technology 3
 - 34045, Small Systems Technology 3
 - 34060, Operations Management 3
 - 44043, Database Applications 3
 - TECH 35340, Airport Management 3
 - 35341, Air Trans. Systems 3
- VIII. **Non Major Requirements** 2
 - Technology Electives 2

TOTAL 121

*School of Technology students ONLY may substitute TECH 10001 for ADMS 24053, as a prerequisite for ADMS courses that have ADMS 24053 as a prerequisite.

Minimum of 39 upper-division hours required.

Minimum of 2.00 overall grade point average required.

Minimum of 2.25 required in major and field of concentration grade point averages.

Students receive a minor in Computer Information Systems from the College of Business Administration with this option.

American Assembly of Collegiate Schools of Business accreditation standards prohibit non-business majors from taking more than 25 percent of their degree requirements in business courses. Therefore, no more than 30 semester credit hours may be counted toward stated degree requirements.

Aeronautical Studies

The Aeronautical Studies program prepares students for entry-level technological positions in the aeronautical industry and related areas. The program is focused on a fundamental foundation of aeronautically related subjects, but, at the same time, provides a significant number of course electives that allow students to explore other areas of interest or earn a minor in a particular area of study. The program requirements include 35 semester hours of required Technology and Aeronautics courses, and 38 semester hours of Technology and General electives coursework. Students that successfully complete all degree requirements for this program are awarded a Bachelor of Science degree in Aeronautics with a concentration in Aeronautical Studies.

I. Composition	9
ENG 10001, 10002, College English I, II	6
20002, Technical Writing	3
II. Mathematics, Logic and Foreign Languages	7
MATH 11012, Intuitive Calculus	3
12001, Algebra and Trigonometry	4
III. Humanities and Fine Arts (two courses in sequence)	9
COMM 15000, Theory and Practice of Oral Discourse	3
Plus select 6 hours	6
<i>Choose from Fine Arts from the Liberal Education Requirements.</i>	
IV. Social Sciences	9
Plus select 9 hours	9
<i>Choose from Social Sciences from the Liberal Education Requirements.</i>	
V. Basic Sciences	13
PHY 13001, 13002, General College Physics I, II	10
32562, Aerodynamics	3
VI. US 10001, University Orientation	1
VII. Major Requirements	53
Technology Courses	
TECH 10001, Information Technology	3
13580, Engineering Graphics I	3
20002, Materials and Processes	3
21021, Survey of Electricity and Electronics	4

33033, Hydraulics and Pneumatics 3

Aeronautics Core

TECH 15000, Aerospace Technology	3
35020, Aerospace Propulsion	3
35040, Aerospace Systems	3
35150, Aerospace Structures	3
45030, Adv. Aerospace Systems	3
45291, Aero. Senior Seminar	1
45350, Avionics	3

*Technology Electives 18

VIII. Non-Major Requirements 20

*General Electives 20

TOTAL 121

*Note: At least 17 semester hours of upper-division (3/40000) coursework must be completed within the technical and general electives.

American Assembly of Collegiate Schools of Business accreditation standards prohibit non-business majors from taking more than 25 percent of their degree requirements in business courses. Therefore, no more than 30 semester credit hours may be counted toward stated degree requirements.

BACHELOR OF SCIENCE DEGREE

Industrial Technology

Industrial Technology programs are closely related to the fields of electronic, industrial and manufacturing engineering, and prepare students for employment in technical, scientific and managerial positions. Each of the industrial technology concentrations consists of a liberal arts base combined with appropriate studies in the natural sciences, technology and management.

The industrial technology graduate may be employed in various positions, including the following: manufacturing or electronics technologist, technical sales representative, engineering assistant, technical supervisor/manager, computer-aided design (CAD) specialist, entry-level engineer. Graduates may be involved in research and development (R&D) activities while working closely with engineering personnel.

Within the Industrial Technology major, students may choose either the Electronics concentration or the Manufacturing Engi-

neering Technology concentration. Additionally, a "2+2" concentration is available for graduates of associate's degree programs.

Electronics Concentration

- I. **Composition** 9
 - ENG 10001, 10002, College English I, II 6
 - 20002, Technical Writing 3
- II. **Mathematics, Logic and Foreign Languages** 20
 - CS 10061, Introduction to Computer Programming 3
 - MATH 12001, Algebra and Trigonometry 4
 - 12002, Analytic Geometry and Calculus I 5
 - 12003, Analytic Geometry and Calculus II 5
 - 21001, Linear Algebra with Applications 3
- III. **Humanities and Fine Arts** 9
 - COMM 15000, Theory and Practice of Oral Discourse 3
 - Plus 6 hours 6
 - Choose from the Humanities and Fine Arts Liberal Education Requirements.*
- IV. **Social Sciences** 9
 - ECON 22060, Principles of Microeconomics 3
 - 22061, Principles of Macroeconomics 3
 - Social Science elective from Liberal Education Requirements . . 3
- V. **Basic Sciences** 15
 - PHY 23101, 23102, General University Physics I, II 10
 - CHEM 10060, General Chemistry I 4
 - 10062, General Chemistry I Lab 1
- VI. **US 10001, University Orientation** 1
- VII. **Major Requirements** 41
 - Technology Core:*
 - TECH 10001, Information Technology 3
 - 13580, Engineering Graphics I 3
 - 20004, Electrical Circuits I 3
 - Technology:*
 - TECH 23224, Electrical Circuits II 3
 - 23581, Computer Aided Engineering Graphics 3
 - 33220, Analog Electronics 3
 - 33222, Digital Design and Applications 3
 - 33223, Electronic Communication 3
 - 33225, Industrial Control Systems 3
 - 33580, Engineering Graphics for Electronics 3
 - 43026, Microprocessor Systems 3
 - 43220, Electrical Machinery 3
 - 43221, Control Systems and Robotics 3
 - 43800, Applied Engineering Technology Seminar 2
- VIII. **Business:** 6
 - ADMS 24055, Principles of Business Statistics 3
 - 24163, Principles of Management 3

- IX. **Electives** 16
 - At least 1 hour from Technology courses*

TOTAL	126
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Students should complete technology core sequence and all required lower-division math and science courses before registering for upper-division technology courses.

Minimum of 39 upper-division hours required.

Minimum 2.00 overall grade point average required.

Minimum of 2.25 required in major and field of concentration grade point averages.

American Assembly of Collegiate Schools of Business accreditation standards prohibit non-business majors from taking more than 25 percent of their degree requirements in business courses. Therefore, no more than 30 semester credit hours may be counted toward stated degree requirements.

Manufacturing Engineering Technology Concentration

- I. **Composition** 9
 - ENG 10001, 10002, College English I, II 6
 - 20002, Technical Writing 3
- II. **Mathematics, Logic and Foreign Languages** 17
 - CS 10061, Introduction to Computer Programming 3
 - MATH 12001, Algebra and Trigonometry 4
 - 12002, 12003, Analytic Geometry and Calculus I, II . . . 10
- III. **Humanities and Fine Arts** 9
 - COMM 15000, Theory and Practice of Oral Discourse 3
 - Plus 6 hours 6
 - From the Humanities and Fine Arts Liberal Education Requirements.*
- IV. **Social Sciences** 9
 - ECON 22060, Principles of Microeconomics 3
 - 22061, Principles of Macroeconomics 3
 - Plus 3 hours of Social Science 3
 - From the Liberal Education Requirements.*
- V. **Basic Sciences** 16
 - CHEM 10050, Fundamentals of Chemistry 3
 - PHY 23101, 23102, General University Physics I, II 10
 - 32551, Mechanics 3

VI. US 10001, University Orientation	1
VII. Technology Core	12
TECH 10001, Information Technology	3
13580, Engineering Graphics I	3
20002, Materials and Processes	3
20004, Electrical Circuits I	3
VIII. Technology	38
TECH 23224, Electrical Circuits II	3
23581, Computer-Aided Engineering Graphics	3
31020, Automated Manufacturing	3
31065, Cast Metals	3
33033, Hydraulics/Pneumatics	3
33363, Metallurgy and Material Science	3
35111, Strength of Materials	3
43080, Industrial and Environmental Safety	3
43220, Electrical Machinery	3
43550, Computer Aided Manufacturing	3
43580, Computer-Aided Machine Design	3
43700, Computer Integrated Manufacturing	3
43800, Applied Engineering Technology Seminar	2
IX. Business:	9
ACCT 23020, Introduction to Financial Accounting	3
ADMS 24055, Principles of Business Statistics	3
24163, Principles of Management	3
X. Electives	10
Choose 10 hours from the following:	10
ADMS 34060, Operations Management (3)	
34180, Human Resource Mgmt. (3)	
44063, Quality and Cost Control (3)	
TECH 31000, Cultural Dynamics of Technology (3)	
31016, Manufacturing Tech. (3)	
33056, Cooperative Education (1-6)	
33220, Analog Electronics (3)	
33222, Digital Design and Applications (3)	
33223, Elect. Communications (3)	
TOTAL	130

Students must complete technology core sequence and all required lower-division math and science courses before registering for upper-division technology courses.

Minimum of 39 upper-division hours required.

American Assembly of Collegiate Schools of Business accreditation standards prohibit non-business majors from taking more than 25 percent of their degree requirements in business courses. Therefore, no more than 30 semester credit hours may be counted toward stated degree requirements.

"2 + 2" Concentration for Associate's Degree Graduates

The "2 + 2" concentration in industrial technology provides a course of study for associate's degree graduates who desire to complete a Bachelor of Science degree in Industrial Technology. It allows graduates to apply all or nearly all of the coursework completed in the associate's degree program toward the B.S. degree, broadens students' backgrounds and allows the students to gain additional technical and managerial depth. A unique feature of the Kent State University program is its flexibility, including 15 upper-division technical elective hours which the students select in consultation with a School of Technology adviser.

Industrial Technology "2 + 2"

I. Composition	9
ENG 10001, 10002, College English I, II	6
20002, Technical Writing	3
II. Mathematics, Logic and Foreign Languages	9
MATH* 12001, Algebra and Trigonometry	4
* 12002, Analytic Geometry and Calculus I	5
III. Humanities and Fine Arts	9
COMM 15000, Theory and Practice of Oral Discourse	3
Select 6 hours	6
Choose from Humanities and Fine Arts from the Liberal Education Requirements.	
IV. Social Sciences	9
ECON 22060, Principles of Microeconomics	3
22061, Principles of Macroeconomics	3
Select 3 hours	3
Choose from Social Sciences from the Liberal Education Requirements.	
V. Basic Sciences	10
PHY * 13001, 13002, General College Physics I, II	10
VI. US 10001, University Orientation	1
VII. Major Requirements:	34
Courses accepted by the School of Technology as transfer credit.	

VIII. Technical Electives (Upper Division)**	15
IX. Business:	21
<i>Accounting, Administrative Sciences, Economics, Finance, Marketing. At least 12 hours must be upper division.</i>	
X. General Electives	12
TOTAL	129

*or equivalent.

**Technical electives must be chosen in consultation with a faculty adviser.

Minimum of 27 upper-division hours required (with associate's degree).

American Assembly of Collegiate Schools of Business accreditation standards prohibit non-business majors from taking more than 25 percent of their degree requirements in business courses. Therefore, no more than 30 semester credit hours may be counted toward stated degree requirements.

Management Technology "2 + 2"

I. Composition	9
ENG 10001, 10002, College English I, II	6
**** 20002, Technical Writing	3
II. Mathematics, Logic and Foreign Languages	9
MATH* 11011, College Algebra	4
Choose one from	2-4
* 11022, Trigonometry (2)	
12001, Algebra and Trigonometry (4)	
Choose one from	3-5
* 11012, Intuitive Calculus (3)	
12002, Analytic Geometry and Calculus I (5)	
III. Humanities and Fine Arts	9
COMM 15000, Theory and Practice of Oral Discourse	3
Select 6 hours	6
<i>Choose from Humanities and Fine Arts from the Liberal Education Requirements.</i>	
IV. Social Sciences	9
ECON 22060, Principles of Microeconomics	3
22061, Principles of Macroeconomics	3
PSYC 11762, General Psychology	3

V. Basic Sciences	10
<i>Select from PHY, CHEM, BSCI</i>	
VI. US 10001, University Orientation	1
VII. Major Requirements	34
ACTT 11000, Accounting I—Financial	4
BMRT 11000, Introduction to Business	3
11009, Introduction to Management Technology	3
21000, Business Law and Ethics I	3
21003, Introduction to Business Statistics	3
21006, Human Resources Management	3
21008, Case Studies in Management Technology	3
21009, Seminar in Management Technology	3
21011, Fundamentals of Financial Management	3
21050, Fundamentals of Marketing Technology	3
21052, Professional Selling Techniques	3
VIII. Technical Requirements	15
TECH**20002, Materials and Processes	3
31016, Manufacturing Technology	3
31020, Automated Manufacturing	3
33056, Cooperative Education—	
Professional Development	3
43080, Industrial and Environmental Safety	3
Technology Elective (Upper Division)	3
IX. Business Requirements***	21
ACCT 23021, Introduction to Managerial Accounting	3
ADMS 34060, Operations Management	3
44063, Quality and Cost Control	3
COMT 11000, Introduction to Computer Systems	3
FIN 36053, Business Finance	3
MKTG 35025, Business Logistics Management	3
Business Elective (Upper Division)	3
<i>Recommend: ADMS 34056, Intermediate Statistics</i>	
X. General Electives	12
TOTAL	129

*May substitute MATH 11011 and 11022 for 12001; may substitute MATH 11012 for 12002.

**May substitute MERT 12004 for TECH 20002.

**This is an associate's degree requirement and does not apply to this BS degree. It is however, a prerequisite to TECH 31016.

**TECH 13580 should be taken before MERT 12004.

***Completion of all prerequisites required.

****May substitute OMRT 21038 for ENG 20002.

MINORS IN THE SCHOOL OF TECHNOLOGY

Flight Technology

TECH 15740, Elements of Flight Theory	5
15741, Private Pilot Flight	3
25250, Elements of Aviation Weather	2
25743, Commercial Pilot Flight I	2
35644, Instrument Flight Theory	3
35645, Instrument Pilot Flight	2
35647, Commercial Pilot Flight II	2
35746, Commercial Pilot Theory	2
35747, Commercial Pilot Flight III	2
TOTAL	23

Electronic Technology

Prerequisite:

MATH*12001, Algebra and Trigonometry (4)

Courses:

TECH 20004, Electrical Circuits I	3
23224, Electrical Circuits II	3
33220, Analog Electronics	3
33222, Digital Designs and Applications	3
33580, Engineering Graphics for Electronics	3
43026, Microprocessor Systems	3
TOTAL	18

*or equivalent.

Technology

MATH **12001, Algebra and Trigonometry	4
TECH 10001, Information Technology	3
13580, Engineering Graphics I	3
20001, Energy/Power	3
20002, Materials and Processes	3
21021, Survey of Electricity and Electronics	3
23581, Computer-Aided Engineering Graphics	3
31000, Cultural Dynamics of Technology	3
Technology Electives	3
TOTAL	28

**If MATH 12001 has been taken previously, these hours must be completed as technology electives.

MINORS IN OTHER COLLEGES/SCHOOLS

In addition to the departmental minors, undergraduate students in the School of Technology can select from a wide range of minors offered by other colleges and schools at Kent State University.

Arts and Sciences Departmental Minors

The following minors within the College of Arts and Sciences are available to all undergraduate students at Kent State University. Please see pages 145-150 for program requirements.

Anthropology
 Applied Conflict Management
 Biological Sciences
 Chemistry
 Computer Science
 Criminal Justice Studies
 Economics
 English
 French
 Geography
 Geology
 German
 Greek
 History
 Latin
 Mathematics
 Pan-African Studies
 Philosophy
 Physics
 Political Science
 Psychology
 Russian
 Sociology
 Spanish

Arts and Sciences Interdisciplinary Minors

The following interdisciplinary minors within the College of Arts and Sciences are available to all undergraduate students at Kent State University. Please see pages 150-162 for program requirements.

African Studies
 American Studies
 Asian Studies
 British Studies
 Cartography
 Classics
 Climatology
 Comparative Literature
 German Studies
 Health Care Ethics
 Hellenic Studies

Jewish Studies
 Lithuanian Studies
 North Atlantic Security Studies
 Paralegal Studies
 Pre-Law
 Religion Studies
 Romanian Studies
 Russian Studies
 Urban Studies and Planning
 Women's Studies
 The Writing Minor

Business Administration

The following minors within the College of Business Administration are available to all undergraduate students at Kent State University. Please see pages 180-185 for program requirements.

Accounting
 Business
 Computer Information Systems
 Economics
 Finance
 International Business
 Management
 Marketing
 Military Studies

Education

The following minors within the College of Education are available to all undergraduate students at Kent State University. Please see pages 223-224 for program requirements.

Community Health Education
 Human Sexuality

Fine and Professional Arts

The following minors within the College of Fine and Professional Arts are available to all undergraduate students at Kent State University. Please see pages 233-237 for program requirements.

Advertising
 Art History
 Communication Studies
 Crafts
 Dance*
 Design
 Electronic Media
 Family and Consumer Studies (General)
 Gerontology
 Hospitality Food Service Management

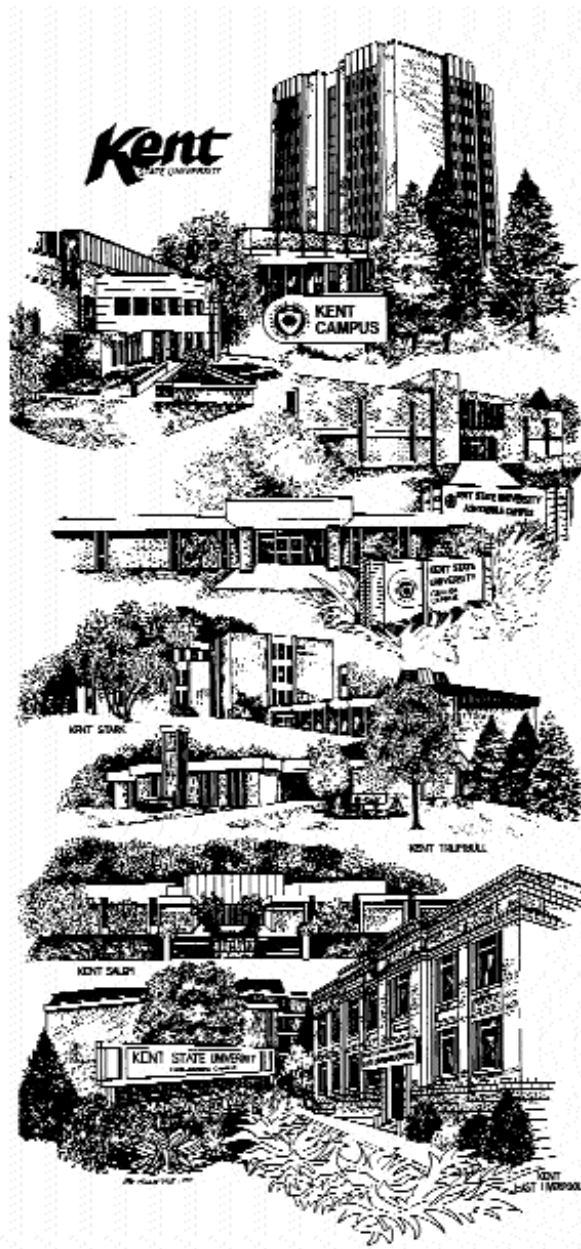
Media Literacy
 Music*
 Photo Illustration
 Public Relations
 Studio Art
 Theatre
 Visual Journalism

**Auditions are required before acceptance into the dance or music minors.*

School of Exercise, Leisure and Sport

The following minors within the School of Exercise, Leisure and Sport are available to all undergraduate students at Kent State University. Please see pages 262-264 for program requirements.

Athletic Coaching—Non-PE Majors
 Athletic Training—Non-PE Majors
 Leisure Studies
 Sport Management for Non-Majors



THE REGIONAL CAMPUSES
Advising Offices Are Located At
The Individual Campuses.

See the next two pages for
the campus nearest you.

THE REGIONAL CAMPUS SYSTEM

THE REGIONAL CAMPUSES are a system of seven community-oriented institutions within the University. Three of them, the Ashtabula, East Liverpool and Salem Campuses, are named for the cities where they are located. The other four, the Geauga, Stark, Trumbull and Tuscarawas Campuses, are named for their counties and are located near the cities of Burton, Canton, Warren, and New Philadelphia, respectively.

All of the Regional Campuses are accredited by the North Central Association of Colleges and Secondary Schools. Some associate's degree programs have also earned special accreditation. The Nursing program is accredited by the National League for Nursing, and the Electrical/Electronics and the Mechanical Engineering Technology programs at the Tuscarawas Campus are accredited by the Technology Accreditation Commission of the Accreditation Board of Engineering and Technology (TAC/ABET). Salem's Radiologic Technology program is accredited by a committee on Allied Health Education and Accreditation. The American Physical Therapy Association has accredited East Liverpool's program. East Liverpool's Occupational Therapy Assisting program is accredited by the American Occupational Therapy Association Inc. in collaboration with the Committee on Allied Health Education and Accreditation and the American Medical Association.

MISSION

The mission of the Regional Campuses is to extend to the residents of Northeast Ohio access to the quality higher education programs and services of Kent State University. The campuses share the liberal education goals of the University and strive to meet the needs of society with technical programs that help prepare a paraprofessional work force. The campuses are an entry point to higher education for high school graduates, and they provide access for persons who see the campus as a way to build a secure and better life for themselves. The campuses provide coursework at the freshman and sophomore levels in technical and baccalaureate areas, in the University's 36-hour Liberal Education Requirement, associate's degree programs, continuing study, basic skills classes, as well as selected junior, senior and graduate courses. For students, the campuses are close to home and affordable, and many enroll on a part-time basis. The campuses provide the breadth of programs and services necessary for a successful college experience, have the distinctive feature of being part of the larger University, and provide their communities with public service activities of an educational nature for personal growth and development.

THE CAMPUSES

The Ashtabula Campus

3325 W. 13th St., Ashtabula, OH 44004, (440) 964-3322, (440) 964-4269 (FAX), which occupies an 80-acre site on the shores of Lake Erie, comprises three buildings: Main Hall, a large three-winged structure radiating from an open courtyard, a library, and a technology and art building. The site also features an outdoor performing arts platform located in a large grove, baseball diamonds

and tennis courts. In addition to offering a variety of cultural, social and student activities, the campus also offers academic support services, continuing studies, developmental education, certificate programs, the first two years of most baccalaureate programs, and two-year associate's degrees in business, engineering, human services, nursing, physical therapy assisting and computer technologies.

The East Liverpool Campus

400 E. 4th St., East Liverpool, OH 43920, (330) 385-3805, (330) 385-6348 (FAX), occupies a downtown site overlooking the Ohio River and includes the Main Building, Memorial Auditorium, Mary Patterson Building and a Commons. The campus offers associate's degree programs in accounting, business management, computer technology, criminal justice, general studies, legal assisting, nursing, occupational therapy assisting, physical therapy assisting, technical studies and the first two years of baccalaureate programs. Academic support services offer students a comprehensive developmental education program and excellent library and microcomputer facilities. Cultural and social activities for students and citizens of the tri-state area include the Community Lecture Series, Ohio River Arts Festival and Kids on Campus.

The Geauga Campus

14111 Claridon-Troy Rd., Burton Twp., OH 44021, (440) 834-4187, (216) 951-1447 (Cleveland), (440) 834-8846 (FAX), (440) 834-4486 (TDD), which lies at the heart of Ohio's maple syrup country, provides easy access to urban, suburban and rural areas. In addition to offering several cultural, social and student activities, the campus also offers training for area businesses and industries, academic support services, developmental education, certificate programs, the first two years of baccalaureate programs, programs in business management, computer technologies, occupational therapy assisting and technical studies.

The Salem Campus

2491 SR 45 South, Salem, OH 44460, (330) 332-0361, (330) 332-9256 (FAX), which occupies a site just south of the city, features a lake and a 25-acre outdoor classroom and nature walk. In addition to offering a variety of cultural, social and student activities, the campus offers continuing studies, liberal arts core, academic support services, developmental education, the first two years of baccalaureate programs, and programs in the business, engineering, environmental health, horticulture, human services and computer technologies.

The Stark Campus

6000 Frank Ave., NW, Canton, OH 44720, (330) 535-3377 (Akron) or (330) 499-9600 (Canton), (330) 494-6121 (FAX), offers the first two years of study in most Kent State University baccalaureate programs, as well as selected upper-division and graduate courses. Located on a 200-acre site in rolling terrain just south of the Akron-Canton Regional Airport, Stark is the largest of Kent's Regional Campuses. The campus maintains arrangements with numerous community, cultural and business organizations to offer a wide range of programs and services to the local area. In addition to offering a wide variety of cultural, social and student activities, the campus also offers continuing studies, management and small business development expertise, developmental education and academic support services.

The Trumbull Campus

4314 Mahoning Ave., NW, Warren, OH 44483, (330) 678-4281 (Kent) or (330) 847-0571 (Warren), (330) 847-6172 (FAX), is located just north of the Route 5 bypass on State Route 45. Kent Trumbull students have more than 170 major career fields to explore. Offering the first two years of baccalaureate degree programs, the campus also awards associate's degrees in 13 areas of study, selected graduate courses, developmental education courses, a varied continuing studies program and a strong liberal arts core. Campus facilities include a theatre, tennis courts and a one-mile fitness trail. The campus also offers a variety of social and cultural activities for area residents and a wide variety of student activities, academic support services, and programs for business and industry.

The Tuscarawas Campus

330 University Drive NE, New Philadelphia, OH 44663, (330) 339-3391, (330) 339-3321 (FAX), occupies a site which is within a few minutes of a number of important historical areas, including the Ohio Outdoor Drama, which performs "Trumpet in the Land" during the summer; Schoenbrunn Village, Ohio's first European settlement; the airport where John Glenn, America's first man into orbit, took his first flying lessons; and the Warther Museum, famous for its collection of carvings. In addition to a variety of cultural, social and student activities, the campus offers continuing studies, academic support services, developmental education, certificate programs, the first two years of baccalaureate programs, and programs in business, computer, engineering technologies, environmental safety and nursing.

SCHOOL OF TECHNOLOGY

Kent State University's School of Technology, part of the Regional Campus System, offers technology-based programs that will provide students with the skills needed to compete in today's job market. With more than 25 programs—at the certificate, associate's,

bachelor's and master's degree levels—throughout Kent's eight-campus system, a talented faculty, and flexible class schedules that include evening, weekend, distance learning and Web-based classes, the School of Technology has a program to match your needs and interests. (*The undergraduate programs are described under School of Technology.*)

On the Kent Campus, the School of Technology offers four-year programs in Aeronautics, Industrial Technology, and Technology. At Kent's seven Regional Campuses, the school has two-year degrees in Applied Business, Applied Science, and the Associate of Technical Studies. Programs in these areas include technology, computer technology, business technology, industrial technology, engineering technology and environmental technology. Many of the credits earned in the school's associate's degrees can be applied toward the "2+2" program for a bachelor of science degree in Technology or Industrial Technology. These programs are described under "2+2" *Concentration for Associate's Degree Graduates.*

ADMISSION

Students interested in attending a Regional Campus may obtain admission forms from any of the campuses or from the Regional Campus office, located in the Lincoln Building on the Kent Campus. Admission is open to anyone with a high school diploma or its equivalent. Special arrangements are often possible for individuals who do not have a diploma or GED. Part-time early admissions opportunities are available for qualified high school students in consultation with an adviser. In programs with special admission requirements, admission decisions and judgments, made by the director of the program following normal faculty consultative procedures, take into account factors such as life experience, level of motivation, concern for under-represented groups in the program, as well as indicators such as grade point average or ACT score.

Each Regional Campus has staff members available to discuss admissions, financial aid opportunities and programs with prospective students.

Registration dates, times and procedures vary from campus to campus. Registration information at a particular campus can be obtained from that campus or from the Regional Campus office located in the Lincoln Building on the Kent Campus.

Because the seven Regional Campuses and the Kent Campus comprise one University system, access and mobility among these campuses is encouraged and facilitated. Even so, there are some differences between the Kent Campus and the Regional Campuses in freshman and transfer admission requirements.

KENT CAMPUS REFERRALS

Specifically, freshman admission eligibility at the Kent Campus is based upon an applicant's cumulative high school grade point average and in some cases, standardized test scores and the college preparatory curriculum. Students not meeting the freshman admission criteria for the Kent Campus and who wish to enter the Kent State University system must enroll for at least one semester at a Regional Campus. Enrollment in the Regional Campuses permits students to take advantage of smaller class sizes, more individualized advising services, and a wider range of developmental programs.

In order for the deferred freshman or transfer student who enrolls at a Regional Campus to obtain the best possible foundation for academic success, it is recommended that the student complete the following minimum academic achievements before enrolling at the Kent Campus:

1. Successfully complete any developmental coursework as prescribed by an academic adviser.
2. Successfully complete 12 semester hours of coursework.
3. Achieve a minimum cumulative GPA of 2.00.

Students are strongly encouraged to work closely with their academic adviser in planning for the transition to the Kent Campus.

STUDENT SERVICES AND FINANCIAL AID

Each Regional Campus provides a number of student services. One of the most important services is providing information about financial aid and scholarships. For students who qualify, a number of financial aid opportunities are available, including the Federal Perkins Loan, the Ohio Instructional Grant Program, the Federal Pell Grant Program and other special aid programs. Financial help may also be available through the Federal College Work-Study Program or through other part-time job opportunities. Local employers often seek part-time help through Regional Campus offices.

While each campus has scholarship funds available, the amount and number of scholarships and the requirements for them vary considerably. All of the campuses have funds available for short-term loans. Because of the variety in number and character of these programs, it is suggested that interested students contact the financial aid adviser of the campus they wish to attend.

Other student services and activities at the Regional Campuses include, but are not limited to, student government, clubs, organizations, counseling, placement advising, music and theatre.

ACADEMIC SUPPORT SERVICES

An important feature of the Regional Campuses is a commitment to help students become successful. Many students enter directly from high school, while others combine full-time jobs and families with classwork. Success in college depends largely upon skills in reading, studying, mathematics and composition.

Basic Skills Assessment: Free testing is available and is required of all students to assess learning skills. This information is used by students and advisers to determine course placement. If testing shows the need for additional preparation in reading, studying, mathematics or composition, support courses are available to meet these needs and will be required.

Academic Support Courses:

MATH 10004, Developmental Mathematics, 4 credit hours. This course focuses on a review of arithmetic and an introduction to algebra. It covers real numbers, integers, equations and decimals. The hours are not counted toward graduation. Prerequisite: Assessment testing or permission.

ENG 10000, Introduction to College English, 3 credit hours. This course examines the structure of the sentence and the paragraph, as well as grammar and its mechanics. Prerequisite: Test score.

MATH 10005, Introduction to College Math, 3 credit hours. The topics included in this course are: number systems, exponents, polynomials, the Cartesian coordinate system, linear and quadratic equations, and inequalities. Prerequisite: Appropriate placement test score or grade of C or better in MATH 10004; no previous mathematics courses.

US 10003, Reading Strategies for College Success, 3 credit hours. Emphasis in this course is placed on improving reading comprehension. Prerequisite: Assessment testing or permission.

US 10006, Study Strategies for College Success, 3 credit hours. This course assists students to develop the reading skills necessary for successful completion of college coursework. Prerequisite: Assessment testing or permission.

College credit is received for these courses; however, not all courses can be counted toward degree requirements in some courses of study.

Support Services: Some of these services include peer tutors, who are available for certain courses, and special assistance in writing, reading and mathematics. Also available are skill development centers, learning centers and workshops in writing.

University Orientation: US 10001 (University Orientation) is required of all freshmen and transfer students entering the University with 24 semester hours or less. It is designed to help make the transition to college, to familiarize individuals with campus life, services, expectations and to suggest techniques that can improve student success.

Advising

Regional Campuses considers advising students to be a primary responsibility of faculty and has encouraged the faculty-student advising relationship at each campus. In addition, an advising team, comprising representatives from each of the University's colleges and schools, travels each term to each campus to provide on-site advising for baccalaureate degree students.

Cost

Because the University is state-supported, fees are adjusted to provide quality education at the lowest possible cost. One important advantage to students attending a Regional Campus is that they can live at home, thus saving room and board expenses.

THE ASSOCIATE'S DEGREE

Associate's degrees are degrees awarded for the successful completion of 61 or more semester hours of coursework. They are designed to fulfill two major purposes: (1) to permit students to complete the freshman and sophomore years of a baccalaureate program, or (2) to prepare them for immediate employment in some technology field.

While associate's degrees are awarded after the successful completion of at least 61 semester hours, it should be noted that most programs actually require slightly more hours than that to complete. Students who are studying part-time should expect to take more than two years to complete their programs.

Baccalaureate Study on Regional Campuses

Each Regional Campus offers programs designed to complete the freshman and sophomore years of most of the baccalaureate degrees offered by the University. The intention of such programs is to provide students interested in eventually obtaining a four-year degree the opportunity of beginning it while remaining at home. It is expected that such students will eventually move to the Kent Campus or transfer to some other baccalaureate degree-granting institution to complete the degree.

Completion of the freshman and sophomore years of a baccalaureate degree program leads to the award of the Associate of Arts or Associate of Science degrees.

Associate of Arts: This degree is awarded to students who successfully complete a minimum of 61 semester hours toward the Bachelor of Arts, the Bachelor of Fine Arts, the Bachelor of Business Administration, the Bachelor of General Studies or the Bachelor of Music degrees.

Associate of Science: This degree is awarded to students who successfully complete a minimum of 61 semester hours toward any Bachelor of Science degree.

"2 + 2" Baccalaureate Degree Programs

Several baccalaureate degree programs at Kent State University can often be completed with approximately two years of additional full-time study after completion of an associate's degree in the technologies at Regional Campuses. *Some course selections leading to associate's degrees are more acceptable than others as components of baccalaureate degrees, and exact requirements for additional study vary.* Students interested in "2 + 2" baccalaureate programs should see an adviser at the earliest possible date.

Liberal Education Requirements

Candidates for the Associate of Arts and the Associate of Science degrees must fulfill the Liberal Education Requirements (LER). Other Regional Campus students who intend to earn a bachelor's degree at Kent will also be expected to fulfill these requirements eventually. (See pages 77-80 of this *Catalog* for specific information about the Liberal Education Requirements.)

Students in Associate of Applied Science and Associate of Applied Business degree programs are expected to choose their General Studies courses from the Liberal Education Requirements list. *All exceptions must be approved by the students' academic adviser.* The availability of specific LER courses varies by campus.

Technical Programs

The purpose of associate's degree programs in technical areas is to prepare graduates for immediate employment. To accomplish this, the following associate's degrees are offered:

Associate of Applied Business: This degree is awarded to students who successfully complete prescribed coursework in any of the following business technology programs: Accounting Technology, Banking and Finance Technology, Business Management Technology, Computer Technology or Office Technology.

Associate of Applied Science: This degree is awarded to students who successfully complete prescribed coursework in any of the following environmental, health or engineering technologies: Automotive Engineering Technology, Early Childhood Education Technology, Electrical/Electronic Engineering Technology, Environ-

mental Technology, Environmental Management Technology, Horticulture Technology, Human Services Technology, Laboratory Technology, Legal Assisting Technology, Manufacturing Engineering Technology, Mechanical (Integrated Manufacturing) Engineering Technology, Nursing, Occupational Therapy Assisting Technology, Plastics Technology, Physical Therapy Assisting Technology, Radiologic Technology, or Systems (Industrial) Engineering Technology.

Associate of Technical Study Degree-Category A: This degree requires a minimum of 65 hours selected in consultation with an academic adviser from existing courses at that campus. The program permits students to develop a curriculum based on specific career objectives which are not served by existing degree programs.

Associate of Technical Study Degree-Category B: This degree provides associate's degree-level completion based on a technical certificate or other formal technical training program acquired outside Kent State University. (See ATS — *Industrial Trades Technology*, page 346.)

Options in Technical Programs

Some business and engineering technology programs have different options from which students can choose. While options provide students with more opportunities for study, not all options possible within a program are offered at all campuses. Students should check with an adviser to see what program options are available at the campus they are attending.

Certificate Programs

The Regional Campus system awards certificates to students who successfully complete a course of study designed to meet a specific need and which has been designated a Certificate Program and properly approved as such. These programs consist of no less than 15 credit hours and no more than 30.

Students wishing to participate in certificate programs must meet the standards set forth in the University Admissions Policy, except where a program has been designed for a group with unique needs, such as a contract training group.

Students already enrolled at Kent must declare their intent to pursue a certificate before completing 50 percent of the courses required. Courses completed pass/fail or credit-by-exam will not count as part of the certificate requirements. If a student has already completed a program requirement by pass/fail or credit-by-exam, an alternative requirement will be designated.

To successfully earn a certificate, students must achieve a 2.00 grade point average in the courses required for the program.

Opportunities for Study Beyond the Associate's Degree

While it is understood that Associate of Arts and Associate of Science degree programs eventually lead students into a baccalaureate program, opportunities for continued study by students who complete an associate's degree in a technical field are also available.

Many credits earned in a technical associate's degree program are applicable to baccalaureate degrees both at Kent and at other colleges and universities. Which credits apply depends upon the associate's degree earned and the baccalaureate degree toward which students wish to work.

The "2 + 2" program permits students who hold an associate's degree in an appropriate field to complete the Bachelor of Science in approximately two years of additional study. For additional information, please consult page 326 of this *Catalog*.

BACHELOR OF SCIENCE

Management and Industrial Studies

The management and industrial studies major in the Bachelor of Science is an interdisciplinary degree program designed to provide students with communication skills and human relations and management skills, as well as the technical expertise needed within many levels of business and industry. Such a broad-based background is especially appropriate for individuals already working and needing to strengthen their professional skills, entry-level employees interested in moving into supervisory or managerial positions, and individuals interested in small business organizations that require a small work force with breadth of knowledge and experience.

The major is based on a core set of courses drawn from the four areas of communication studies, social sciences, administrative sciences and technology. Students will also complete an additional 12 semester hours from these four areas, with no more than six semester hours from any one area, to further develop a broad knowledge base. Electives, selected in consultation with an academic adviser, may be used to further develop a selected area of interest.

Management and Industrial Studies

The Management and Industrial Studies major in the Bachelor of Science degree program requires a total of 121 semester hours of successfully completed credits. In addition, 42 of those 121 hours must be at the upper-division (3/40000) level. Students

must complete the degree with at least a 2.00 cumulative grade point average.

I. COMPOSITION 6

ENG 10001, 10002, College English I, II

Based on test scores, students may be required to take ENG 10000.

II. MATHEMATICS, LOGIC and FOREIGN LANGUAGES 12

One foreign language or American Sign Language or equivalent in proficiency 8

Mathematics 4

Students must pass one of the courses listed below or establish proficiency.

MATH 11011, College Algebra (4)

12001, Algebra and Trigonometry (4)

Restrictions:

Since MATH 12001 covers the same content as 11011 plus 11022, credit is not allowed for both 12001 and 11011, or for both 12001 and 11022.

III. HUMANITIES and FINE ARTS 9

COMM 15000, Theory and Practice of Oral Discourse 3

PHIL D21001, Introduction to Ethics 3

Humanities or Fine Arts Elective 3

IV. SOCIAL SCIENCES 9

ECON 22060, Principles of Microeconomics 3

PSYC 11762, General Psychology 3

SOC D*12050, Introduction to Sociology 3

V. BASIC SCIENCES 9

Nine (9) hours must be selected from the basic sciences requirement on page 79 under "Liberal Education Requirements."

VI. DIVERSITY

The program requirements include the required six hours of Diversity. (See the courses above marked with a "D." Courses with a domestic perspective are additionally marked with an asterisk {*}.)

VII. US 10001, University Orientation 1

MAJOR REQUIREMENTS 61-68

COMM 25863, Business and Professional Speaking 3

35550, Small Group Communication 3

ECON 22061, Principles of Macroeconomics 3

PSYC 31773, Industrial Psychology 3

SOC 32510, Sociology of Work 3

ACCT 23020, Introduction to Financial Accounting 3

23021, Introduction to Managerial Accounting 3

ADMS 24053, Introduction to Computer and

Information Systems 3

24055, Fundamentals of Business Statistics 3

24163, Principles of Management 3

34060, Operations Management 3

34180, Human Resource Management 3

TECH 31000, Cultural Dynamics of Technology 3

43700, Computer Integrated Manufacturing 3

Choose one from: 1-6

TECH 33056, Cooperative Education—

Professional Development (1-6)

43096, Individual Investigation in Applied

Science and Technology (1-3)

Choose one from: 3

ENG 20001, Business Writing (3)

20002, Technical Writing (3)

Choose one from: 3-5

MATH 11012, Intuitive Calculus (3)

12002, Analytic Geometry and Calculus I (5)

Additional Coursework 12

Select twelve (12) additional hours from the following with no more than six (6) from any one group:

SOCIAL SCIENCES

PSYC 30821, Psychology of Motivation (3)

41532, Social Psychology (3)

SOC 42564, Bureaucratic Organizations (3)

COMMUNICATION

COMM 35864, Organizational Communication (3)

ENG 30063, Advanced Business and Professional Writing (3)

30064, Argumentative Prose Writing (3)

30065, Expository Prose Writing (3)

31001, Fundamental English Grammar (3)

TECHNOLOGY

TECH 31020, Automated Manufacturing (3)

41055, Industrial Practice (3)

43080, Industrial and Environmental Safety (3)

UPPER-DIVISION BUSINESS

ACCT 33063, Cost Control and Analysis for Management (3)

ADMS 44150, Total Quality Management (3)

FIN 36053, Business Finance (3)

The interdisciplinary nature of the Bachelor of Science in Management and Industrial Studies enables students to participate in upper-division courses offered through the College of Business Administration. Students in this major may take up to 25 percent or 30 semester hours of their degree requirements from the following departments: accounting, administrative sciences, economics, finance, marketing. Up to 9 hours of coursework in economics, including ECON 22060, ECON 22061 and three upper-division elective hours, will not be counted toward the 30 semester-hour maximum. For purposes of the Bachelor of Science in Management and Industrial Studies, students may use approved regional campus equivalents for ACCT 23020, 23021, and ADMS 24053, 24055. Other courses from the Regional Campuses' or any community college's applied technology programs

may be used or substituted for business-related coursework only with the permission of an adviser.

ELECTIVES	4-11
<i>9 hours need to be upper-division hours</i>	
TOTAL	121

The 4-11 elective hours are needed to satisfy the minimum 121 total hour requirement. Depending upon the specific coursework taken to satisfy the major requirements, 4-9 of these elective hours must be taken at the upper-division level to satisfy the minimum 42 upper-division hour requirement.

ASSOCIATE'S DEGREE REQUIREMENTS

General Academic Requirements

In addition to completing a minimum of 61 semester hours of approved coursework and meeting all program requirements, candidates for an associate's degree, entering the University in the Fall Semester of 1980 or later with freshman standing, must also complete University Orientation (US 10001), a one-hour course.

To graduate, students must attain a minimum cumulative grade point average of 2.00 for all coursework taken at Kent State University. Candidates for the Associate of Applied Business and Associate of Applied Science must attain a 2.00 cumulative grade point average in the technical courses.

If students are required to take additional coursework to raise the grade point average in the technical core to 2.00, the course(s) will be selected in consultation with the program adviser and approved prior to registration. It is required that such coursework be in the technical area. Candidates for the Applied Science Degree in Nursing must attain a mark of at least C in each nursing course.

Program Requirements

Before or upon completion of 32 semester hours, associate's degree students are required to contact the student services office at their campuses to obtain an official program requirement sheet. This sheet should be completed in consultation with the students' adviser and a copy returned to the student services office.

Requests for adjustments in program requirements must be approved prior to enrolling in a course which is not in the prescribed curriculum. Requests for adjustments will not be accepted during the semester in which the students expect to graduate, except when a course has been canceled at the beginning of that semester or upon determination of the campus dean that there have been mitigating circumstances.

Residency Requirements

Students seeking an associate's degree must complete either the first 48 or final 16 hours of their programs at Kent State University in order to fulfill their residency requirement. This means that those hours must be completed either at the Kent Campus, at the Regional Campuses, or some combination of both. Credit earned by means of transfer or correspondence courses do not count toward the hours required to fulfill residency.

Requirements for Additional Degrees

To pursue concurrent associate's degrees, students must be in good academic standing and enrolled officially for a first, or primary, associate's degree. Students may qualify to receive a concurrent associate's degree by successfully completing all the requirements for both and a minimum of 15 credit hours beyond those required for the primary degree. To pursue a concurrent degree, students must: (1) obtain advising from a faculty member in each degree program, (2) complete a Program Requirement Sheet for each program, and (3) receive approval from the Office of Vice Provost for Regional Campuses. Only after approval is granted may students enroll for a second degree. Students must enroll for both degrees in time to meet graduation application deadlines for the semester in which they expect to receive the degrees.

Students who hold an associate's, baccalaureate or graduate degree and wish to pursue an associate's degree may do so by successfully completing all program and residency requirements, in addition to a minimum of 16 semester hours.

Because of the similarity in program requirements, the Associate of Arts and the Associate of Science degrees may not be earned concurrently; nor may either be awarded as an additional degree, when one or the other has been previously conferred.

Pass/Fail, Advanced Placement and Credit Testing

Only pass/fail credits earned in experimental courses, CLEP, Credit-by-Examination, and credit bearing advanced placement may be applied toward degree requirements in the Associate of Applied Business and Associate of Applied Science programs. The restrictions on pass/fail options for students seeking an Associate of Arts or Associate of Science degree are presented in another section of this *Catalog*.

The University policy on credit earned through advanced placement, CLEP and credit by examination is also presented in another section of this *Catalog*. Briefly, however, associate's degree students can earn no more than 15 semester hours through a combination of advanced placement, CLEP and Credit-by-Examination

toward their degrees. Non-credit-bearing advanced placement waives a requirement or prerequisite but not credit hours necessary for the degree.

Transient Work at Another University

Students who wish to take coursework at another accredited institution of higher education must be in good standing and receive the prior approval of the campus dean if they intend to apply this work toward an associate's degree. Only coursework earning a C or better will be considered for transfer to Kent State University. Neither the grade point average nor the grades earned are used in computing the Kent grade point average.

Correspondence Course Credit

Kent does not offer correspondence courses. It will accept up to six semester hours of correspondence coursework from an accredited institution toward an associate's degree, however, provided each course carries a grade of at least C and is applicable to the students' associate's degree program. Correspondence credit does not count toward the residency requirement.

Graduation

Associate's degrees are conferred at each Regional Campus at the end of the semester in which all requirements are successfully completed.

Application for Graduation

Graduation applications, information and deadline dates may be obtained from Student Services at each Regional Campus. Completed application forms are to be returned by the deadline to that office. If students fail to carry out the proper application procedures, the degree will not be granted until the next graduation date.

Graduation with Distinction

Candidates for associate's degrees who demonstrate high levels of scholarship through their coursework are graduated with distinction. "With Distinction" is awarded when students achieve a grade point average of 3.50 or better for all undergraduate coursework at Kent State University. In order for students to be considered for graduation "With Distinction" and have it inscribed on their diploma, a minimum of 32 credit hours must be completed at Kent State University. The students' grade point average unadjusted by the application of the Academic Forgiveness Policy, Course Repeat Policy, or Freshman Rule for Recalculation of Grade Point Average will be used in determining "With Distinction."

ASSOCIATE'S DEGREES OFFERED AT EACH CAMPUS

The following is a list of associate's degrees offered at each Regional Campus.

ASHTABULA CAMPUS

Associate of Arts

Associate of Science

Associate of Applied Business

Accounting Technology

Business Management Technology

Computer Technology

Office Technology

Associate of Applied Science

Early Childhood Education Technology

Electrical/Electronic Engineering Technology

Environmental Technology

Human Services Technology

Mechanical (Integrated Manufacturing)

Engineering Technology

Nursing

Physical Therapy Assisting Technology

Associate of Technical Study—Category A

EAST LIVERPOOL CAMPUS

Associate of Arts

Associate of Science

Associate of Applied Business

Accounting Technology

Business Management Technology

Computer Technology

Associate of Applied Science

Legal Assisting Technology

Nursing

Occupational Therapy Assisting Technology

Physical Therapy Assisting Technology

Associate of Technical Study—Category A

GEAUGA CAMPUS

Associate of Arts

Associate of Science

Associate of Applied Business

Accounting Technology (most coursework)

Business Management Technology

(most coursework)

Computer Technology

Associate of Technical Study—Category A

Associate of Technical Study—Category B

Industrial Trades Technology

SALEM CAMPUS

Associate of Arts

Associate of Science

Associate of Applied Business

- Accounting Technology
(most coursework)
- Business Management Technology
(most coursework)
- Computer Technology
- Office Technology

Associate of Applied Science

- Environmental Management Technology
- Horticulture Technology
- Human Services Technology
- Manufacturing Engineering Technology
- Radiologic Technology

Associate of Technical Study—Category A

Associate of Technical Study—Category B

- Diagnostic Medical Sonography
- Nuclear Medicine Technology
- Radiologic Technology
- Radiation Therapy Technology
- Radiology Department Management

STARK CAMPUS

Associate of Arts

Associate of Science

TRUMBULL CAMPUS

Associate of Arts

Associate of Science

Associate of Applied Business

- Accounting Technology
- Banking and Finance Technology
- Business Management Technology
- Computer Technology
- Office Technology

Associate of Applied Science

- Automotive Engineering Technology
- Electrical/Electronic Engineering Technology
- Environmental Technology
- Laboratory Technology
- Legal Assisting Technology
- Mechanical (Integrated Manufacturing) Engineering Technology
- Plastics Technology
- Systems (Industrial) Engineering Technology

Associate of Technical Study—Category A

Associate of Technical Study—Category B

- Industrial Trades Technology

TUSCARAWAS CAMPUS

Associate of Arts

Associate of Science

Associate of Applied Business

- Accounting Technology
- Business Management Technology

Computer Technology

Office Technology

Associate of Applied Science

- Computer Design and Animation Engineering
Technology
- Electrical/Electronic Engineering Technology
- Environmental Technology
- Mechanical (Integrated Manufacturing) Engineering
Technology
- Nursing
- Systems (Industrial) Engineering Technology

Associate of Technical Study—Category A

ASSOCIATE'S DEGREE CURRICULA

The following curricula list requirements for each Associate's Degree program offered in the Regional Campuses.

Descriptions of courses for programs offered *only* at the Regional Campuses are marked with an asterisk (*) in the Course Descriptions section of this *Catalog*.

THE ASSOCIATE OF ARTS AND ASSOCIATE OF SCIENCE DEGREES

The Associate of Arts and Associate of Science degrees may be used for several purposes: (1) they may serve as freshman and sophomore year programs for students who are planning to complete a bachelor's degree program, (2) they may serve as degrees unto themselves for students who want to obtain a general education by sampling a variety of different subject areas, (3) they may advance students' careers or provide job retraining, and (4) they provide opportunities for intellectual growth and personal satisfaction.

Because of the general nature of the programs, students may achieve emphasis in areas that will meet specific educational needs by taking a concentration of six courses in a particular field of study. *However, students should consult with their advisers in the selection of their courses prior to the beginning of each semester.*

The following will meet the minimum requirements for each degree:

Composition	6
Mathematics, Logic and Foreign Languages	6
Humanities and Fine Arts	9
Social Sciences	9
Basic Sciences	6
Electives	24
University Orientation (US 10001)	1

TOTAL 61

The Associate of Arts and Associate of Science degrees include both required courses and electives. The required courses are to be selected from the University's Liberal Education Requirements list. (See pages 77-80 for these courses.) Electives should be chosen in the students' area of interest. Students planning to pursue a bachelor's degree should select electives to meet the requirements of the degree they are pursuing.

These degrees are offered at each of the seven Regional Campuses.

Associate of Applied Business

Accounting Technology Curriculum

This degree is available at the Ashtabula, East Liverpool, Trumbull and Tuscarawas Campuses. Most of the courses in this program are also available at the Geauga and Salem Campuses.

I. TECHNICAL COURSES	30
ACTT 11000, Accounting I—Financial	4
11001, Accounting II—Managerial	4
20010, Computerized Accounting Systems	1
21000, Accounting III—Financial	4
21003, Fundamentals of Tax Preparation	3
21004, Intro. to Cost Accounting	3
BMRT 11000, Introduction to Business	3
COMT 11011, Spreadsheet Applications*	1
ACTT Electives choose from:*	3
ACTT 11003, Payroll Accounting (2)	
20011, Spreadsheets for Accountants (2)	
21001, Accounting IV—Financial (2)	
21005, Budget, Profit Planning and Control (3)	
21006, Intro. to Corporate Tax Preparation (3)	
21092, Internship in Acct. Tech (2)	
21095, Special Topics (1-3)	
*See academic adviser for appropriate substitution.	
Technical electives**	(4)
II. RELATED COURSES	19
MATH 11011, College Algebra	4
BMRT 21000, Business Law and Ethics I	3
COMT 11000, Intro. to Computer Systems	3
ECON 22060, Principles of Microeconomics	3
22061, Principles of Macroeconomics	3
OMRT 21038, Business Communications	3
III. GENERAL STUDIES COURSES	17
ENG 10001, 10002, College English I, II	6
COMM 15000, Theory and Practice of Oral Discourse	3
General Studies electives***	7

Choose from the Liberal Education Requirements list in Undergraduate Catalog, in consultation with an academic adviser

US 10001, University Orientation	1
TOTAL	66

**Students desiring to maximize credit application to a B.B.A. degree may substitute MATH 11012 or BMRT 21003 for their accounting electives.*

***Technical electives must be from ACTT, BFRT, BMRT, COMT or OMRT.*

****Only one of ENG 10000 and MATH 10005 applicable toward degree.*

Associate of Applied Science

Automotive Engineering Technology Curriculum

This degree is available only at the Trumbull Campus.

I. TECHNICAL COURSES	41
AUTT 12010, Engine Fundamentals and Repair	4
12011, Fuel and Exhaust Systems	4
12012, Heating and Air Conditioning Systems	4
12020, Auto Electrical Systems I	4
12021, Auto Electrical Systems II	4
12030, Auto Brake Systems	4
22011, Engine Performance and Emission Controls	4
22030, Differentials and Manual Transmissions	4
22031, Suspension and Steering Systems	5
Choose one from:	4
22032, Automatic Transmissions/Transaxles (4)	
22020, Electrical and Vacuum Systems (4)	
II. RELATED COURSES	14
MATH 11011, College Algebra	4
BMRT 21000, Business Law and Ethics I	3
PHY 12201, Technical Physics I	3
12202, Technical Physics II	4
III. GENERAL STUDIES COURSES	15
ENG 10001, College English I,	
20002, Technical Writing	6
COMM 15000, Theory and Practice of Oral Discourse	3
Social sciences or humanities electives	5
<i>Choose from the Liberal Education Requirements</i>	
US 10001, University Orientation	1
TOTAL	70

Associate of Applied Business

Banking and Finance Technology Curriculum

This degree is available only at the Trumbull Campus. Not all courses in this curriculum are offered on a regular basis.

I. TECHNICAL COURSES36-37

ACTT 11000, Intro. to Accounting I 4

BFRT 11000, Intro. to Financial Institutions 3

 11001, Money and Banking 3

 21000, Consumer Credit 3

 21002, Analyzing Financial Statements 3

 21012, Seminar in Financial Institution 3

BMRT 21011, Fundamentals of Financial Management** 3

 21050, Fundamentals of Marketing Technology 3

 21052, Professional Selling Techniques 3

Select one option

*in consultation with adviser: (*Required Courses)*

Bank Operations

BFRT 11003, Teller Operations (2)

 * 11010 Trust Department Organization and Services (3)

Select electives from:

 11011, Investments (3)

 21003, Mortgage Lending (3)

 21092, Internship in Bank/Fin. (2)

 21095, Special Topics (2-3)

Personal Financial Management

BFRT* 11010 Trust Department Organization and Services (3)

 * 11011 Investments (3)

Select one elective from:

BFRT 21003, Mortgage Lending (3)

 21092, Internship in Bank/Fin. (2)

 21095, Special Topics (2-3)

BMRT 21002, Business Law and Ethics II (3)

 21054, Insurance Principles (3)

Real Estate Sales

RERT* 11000 Real Estate Princ./Practices (2)

 * 11001 Real Estate Law (2)

 * 11003 Real Estate Finance (2)

 * 21000 Real Estate Appraisal (2)

II. RELATED COURSES15

BMRT 11000, Intro. to Business 3

 * 11006, Business Computations I 3

 21000, Business Law and Ethics 3

Computer Literacy Module

Select one from:3

COMT 11000, Intro. to Computer Systems (3)

 21010, Workgroup Productivity Software (3)

OMRT 11039, Database Applications (1)

 21020, Intro. to Word Processing (3)

Business Communications Module

Select one from:3

ENG 20001, Business Writing (3)

 20002, Technical Writing (3)

OMRT 21038, Business Communication (3)

III. GENERAL STUDIES COURSES16

ECON 22060, Principles of Microeconomics 3

ENG 10001, 10002, College English I, II 6

US 10001, University Orientation 1

PSYC 11762, General Psychology 3

General studies electives 3

from the Liberal Education Requirements

TOTAL	67-68
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***ACTT 11001, Managerial Accounting can be substituted.*

Associate of Applied Business

Business Management Technology Curriculum

This degree is available at the Ashtabula, East Liverpool, Salem, Trumbull and Tuscarawas Campuses. Most of the courses in this program are also available at the Geauga Campus.

I. TECHNICAL COURSES35-39

ACTT 11000, Accounting I - Financial 4

BMRT 11000, Intro. to Business 3

 11009, Intro. to Management Technology 3

 21011, Fundamentals of Financial Management 3

 21006, Human Resources Management 3

 21008, Case Studies in Mgmt. Technology 3

 21009, Seminar in Management Technology 3

 21050, Fundamentals of Marketing Technology 3

 21052, Professional Selling Techniques 3

Select one option

*in consultation with adviser: (*Required Courses)*

Marketing/Sales

BMRT*21051 Fundamentals of Retailing (3)

 * 21053 Advertising in Business (3)

Select one elective from:

- BMRT 21055, Retail Merchandising (3)
 21056, Principles of Visual Display (3)
 21092, Internship in Mgmt. Tech. (1-3)

Entrepreneurship/Small Business

- BMRT*21020 Introduction to Entrepreneurship (3)
 * 21021 Market Assessment and Planning
 for the Business Venture (3)

Select one elective from:

- 21022, Mgmt. of the New Business Venture (3)
 21023, Financing the Business Venture (3)
 21092, Internship in Mgmt. Tech. (1-3)

Manufacturing Management

- BMRT*21003 Introduction to Business Statistics (3)
 TECH* 20002 Materials and Processes I (3)

Select one elective from:

- BMRT 21005, Purchasing and Materials Management (3)
 21092, Internship in Mgmt. Tech. (1-3)
 IERT 22000, Statistical Process Control (4)
 22003, Supervision and Labor Relations (5)
 TECH 31016, Manufacturing Technology (3)

General Business (7-9)

Before enrolling or applying credit, obtain approval of full-time Business Management faculty.

II. RELATED COURSES12

- BMRT 21000, Business Law and Ethics I 3
 ECON 22060, Principles of Microeconomics 3

Computer Literacy Module:

Select 3 credit hours from: 3

- COMT 11000, Introduction to Computer Systems (3)
 21010, Workgroup Productivity Software (3)
 OMRT 11039, Database Applications (1)
 21020, Word Processing I (3)

Business Communications Module:

Select one from: 3

- ENG 20001, Business Writing (3)
 20002, Technical Writing (3)
 OMRT 21038, Business Communications (3)

III. GENERAL STUDIES COURSES17

- COMM 15000, Theory and Practice of Oral Discourse 3
 ENG 10001, College English I 3
 10002, College English II 3
 US 10001, University Orientation 1
 MATH 11011, College Algebra 4
 Select 3 credit hours from the Liberal Education Requirements . 3

TOTAL 64-68

Associate of Applied Business**Computer Technology Curriculum**

This degree is available at the Ashtabula, East Liverpool, Geauga, Salem, Trumbull and Tuscarawas Campuses. Students interested in completing a B.S. in Computer Science should see an adviser to develop an alternate program.

I. TECHNICAL COURSES20

- COMT 11001, C/C++ Programming 3
 11002, Visual Database Development 3
 11009, Operating Systems 3
 21002, Networking 4
 21005, Advanced Visual Database Development 4
 21010, Workgroup Productivity Software 3

II. Technical Elective Courses:12

Choose 12 Credits from: 12

- COMT 11003, Selected Languages (2-4)
 12000, Introduction to Computers II (3)
 21004, Advanced C/C++ Programming (3)
 21006, Assembly Language Programming (3)
 21008, Comp. Methods in Science and Engineering (3)
 21009, Seminar in Computer Technology (3)
 21092, Computer Practicum (2)
 21095, Special Topics in Computer Technology (1-4)
 21096, Individual Investigation (1-4)

No more than 5 Credits from the following

- COMT 11000, Introduction to Computers (3)*
 ACCT 20010, Computerized Accounting Systems (1)
 20011, Spreadsheets for Accounting (2)
 EERT 22004, Digital Systems (3)
 22014, Microprocessors / Robotics (4)
 MERT 12001, Computer-Aided Drafting (4)
 22009, Robotics / Flexible Automation (3)
 OMRT 21021, Word Processing II (3)
 21022, Desktop Publishing (3)
 CADT 22004, Computer Animation (3)
 22005, Multimedia and Virtual Reality (2)

III. RELATED COURSES13-15

- MATH 11011, College Algebra** 4
Choose Three Courses from: 9-11**

- ACTT 11000, Accounting I - Financial (4)
 ACTT 11001, Accounting II - Managerial (4)
 BMRT 11000, Introduction to Business (3)
 ECON 22060, Principles of Microeconomics (3)
 ECON 22061, Principles of Macroeconomics (3)
 MATH 11012, Intuitive Calculus (3)**

IV. GENERAL STUDIES COURSES16

ENG 10001, College English I3
 20002, Technical Writing3
 COMM 15000, Theory and Practice of Oral Discourse3
 General Studies Electives:6
select from the Liberal Education Requirements list in Under-graduate Catalog
 US 10001, University Orientation1

TOTAL 61-63

*COMT 11000 may be applied toward degree if taken prior to any other COMT offering.

**MATH 12001, 12002 recommended for students who wish to pursue a math/computer science baccalaureate degree.

***May select ACTT 11001, ECON 22060 for improved articulation with B.B.A. in Information Systems.

+Prerequisites required.

Associate of Applied Science Degree

Computer Design and Animation Engineering Technology

This degree is available at the Tuscarawas Campus only. Selected courses are also offered at the Trumbull Campus. The purpose of this program is to prepare graduates for entry-level positions as drafter/designer technicians in engineering and manufacturing industries, as well as in the field of multimedia development.

I. TECHNICAL COURSES19

MERT 12000, Engineering Drawing3
 12001, Computer-Aided Drafting4
 IERT 12005, Applications in CAD2
 CADT 22000, Advanced CAD2
 22001, CAD: Architecture2
 22002, CAD: Civil Applications2
 EERT 22014, Microprocessors and Robotics4

II. SPECIALTY COURSES13

CADT 22003, Solid Modeling2
 22004, Computer Animation3
 22005, Multimedia and Virtual Reality Dev.2
 COMT 21010, Workgroup Productivity Software3
 21095, ST: Object Oriented Language3

III. RELATED COURSES20**

MATH 11011, College Algebra4
 11012, Intuitive Calculus3
 11022, Trigonometry2
 EERT 22003, Technical Computing3
 BMRT 11000, Introduction to Business3
 IERT 22006, Economic Decision Analysis3
Choose one from:2
 22095, ST: Productivity Software (2)
 COMT 21092, Computer Practicum (2)

IV. GENERAL STUDIES COURSES14

ENG 10001, College English I3
 20002, Technical Writing3
 COMM 15000, Theory and Practice Oral Discourse3
 US 10001, University Orientation1
 General Studies Electives:4
*Select from the Social Sciences and Humanities lists of the Liberal Education Requirements in this Catalog.**

TOTAL 66

*Only one of ENG 10000 and Math 10005 permitted. Only 2 hours PEB, 3 hours MSCJ permitted.

**Tuscarawas students must take MATH 11011, 11022, 19002 (10 hours) or MATH 12001, 12002 (9 hours). For Tuscarawas students the Related Courses hours are 20-21 and the total hours are 66-67.

Associate of Arts

Criminal Justice Studies Curriculum

This curriculum is offered for students planning to pursue the Bachelor of Arts degree with a criminal justice studies major. It is available at the Ashtabula, East Liverpool, Stark, Trumbull and Tuscarawas Campuses.

I. MAJOR COURSES24

CJST 12000, Intro. to Criminal Justice3
 22100, Basic Interviewing3
 22300, Police Role3
 26701, Corrections3
 26702, Criminology3
 26704, Law and Society3
 CJST Electives6
Can be completed by taking any lower-division CJST courses offered at the Regional Campuses.

II. GENERAL STUDIES COURSES37-38

ENG 10001, 10002, College English I, II 6

Humanities and Fine Arts 9
from the Liberal Education Requirements

Social Sciences 9
from the Liberal Education Requirements

Basic Sciences 9
at least 6 hours from the Liberal Education Requirements

Mathematics, Logic, and Foreign Languages 3-4
One course in mathematics or logic from the Liberal Education Requirements (MATH 14001, 14002 not acceptable), or one foreign language course

US 10001, University Orientation 1

TOTAL 61-62

II. RELATED COURSES10

MATH 14001, Basic Math Concepts I 4

14002, Basic Math Concepts II 3

SPED 23200, Introduction to Special Education 3

III. GENERAL STUDIES COURSES19

BSCI Basic Science Elective 3

Humanities and Fine Arts Elective 3

COMM 15000, Theory and Practice of Oral Discourse 3

ENG 10001, College English I 3

10002, College English II 3

US 10001, University Orientation 1

PSYC 11762, General Psychology 3

TOTAL 70

Degree requirements include those of Department of Human Services for completion of:

6 hours of training in first-aid

6 hours of training in communicable diseases

6 hours of training in child abuse knowledge

Associate of Applied Science Degree

Early Childhood Education Technology

This degree is offered at the Ashtabula and Salem Campuses. The coursework in this associate's degree is fully applicable to the bachelor's degree in Early Childhood Education offered at the Kent Campus in the College of Education. A minimum 2.00 grade point average is required of students graduating with the associate's degree. However, students who desire to be admitted to the bachelor's program in Early Childhood Education must have a minimum grade point average of 2.50, qualify for selective admission, and meet other qualifying conditions which are best understood by consulting with an academic adviser.

I. TECHNICAL COURSES41

ECED 10120, Introduction to Early Childhood 2

ECET 20000, Infant/Toddler Development and Care 3

21005, Child Guidance 3

21010, Early Childhood Curriculum I 3

21092, Integrated Practicum 3

22000, Early Childhood Curriculum II 3

22100, Organization of Program and Parent Involvement 3

22150, Student Teaching 6

EDPF 19525, Inquiry into the Profession 4

29525, Inquiry into Teaching and Learning 3

ECED 20163, Understanding Young Children: Typical and Atypical 5

HED 20000, Health Education for Early Childhood Educators . 3

Associate of Applied Science

Electrical/Electronic Engineering Technology Curriculum

This degree is designed to cover both the electrical engineering and electronics technology fields, including robotics. Technical electives directed to specific program options may be substituted with the approval of a faculty adviser, and depend on courses offered at a particular campus. Program options include general option and computer option. This degree program is available at the Ashtabula, Trumbull and Tuscarawas Campuses. The availability of the program options depends upon student interest and local circumstances. Not all courses or options are available on all campuses.

I. TECHNICAL COURSES37

EERT 12000, 12001, Electrical Fundamentals I, II 7

12010, Intro. to Electronics 3

Choose one from 3

22002, Industrial Controls (3)

22005, Instrumentation (3)

22004, Digital Systems 3

22011, Electronic Systems 3

22014, Microprocessors and Robotics 4

IERT 22010, Computer Integrated Manufacturing. 3

MERT 12000, Engineering Drawing	3
22009, Robotics and Flexible Automation	3
General Option Specialty Courses:	
Select 5 hours from:	5
EERT 22006, Electrical Machines (3)	
22013, Industrial Electronics (3)	
12005, Electrical/Electronic Drawing (2)	
or	
IERT 12005, Applications in CAD (2)	
Computer Option Specialty Courses:	
EERT 22015, Robotics and Advanced Micro-Systems	3
COMT 21008, Computer Methods in Sci. and Eng	3
II. RELATED COURSES	19
EERT 22003, Technical Computing	3
MATH* 11011, College Algebra	4
11012, Intuitive Calculus	3
11022, Trigonometry	2
PHY 12201, 12202, Technical Physics I, II	7
III. GENERAL STUDIES COURSES	14
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, College English I	3
20002, Technical Writing	3
Social Sciences or Humanities electives	4
<i>from the Liberal Education Requirements</i>	
US 10001, University Orientation	1
TOTAL	70

*Tuscarawas students must take MATH 11011, 11022, 19002 (10 hours) or MATH 12000, 12001 (9 hours) due to TAC/ABET accreditation. For Tuscarawas students the Related Courses hours are 19-20 and the total hours are 70-71.

Associate of Applied Science

Environmental Management Technology Curriculum

This degree is available at the Salem Campus only. The general purpose of this program is to prepare graduates for entry-level positions in industry, regulatory agencies, environmental consulting firms and other institutional settings as environmental technicians. The program includes applied courses in environmental sampling techniques and related equipment use. Courses in this program rely heavily on knowledge from biological and related sciences.

I. TECHNICAL COURSES	34
BSCI 10181, 10182, Biological Principles I, II	8
EMGT 11000, Intro. to Environmental Risk Issues	3

12010, Safety in the Workplace	3
20010, 20011, Environmental Sampling and Problem Analysis I, II	8
20050, Hazardous Substances and Hazardous Waste Management	3
21092, 22092, Practicum in Environmental Management Technology I, II	6
ENVT 20001, Environmental Law	3
II. RELATED COURSES	15
BMRT 11000, Introduction to Business	3
COMT 11000, Introduction to Computers	3
CHEM 10050, Fundamentals of Chemistry	3
10052, Introduction to Organic Chemistry	2
10053, Inorganic and Organic Chem. Lab	1
GEOL 21062, Environmental Geology	3
III. GENERAL STUDIES COURSES	17
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, 10002, College English I, II	6
20002, Technical Writing	3
US 10001, University Orientation	1
MATH 11011, College Algebra	4
TOTAL	66

Associate of Applied Science

Environmental Technology Curriculum

This degree is offered only at the Ashtabula, Tuscarawas and Trumbull Campuses and is designed to prepare graduates for entry-level positions in the field of environmental technology. The program includes an environmental core, select basic science courses, and appropriate liberal education courses. It is recommended that students interested in articulating to a four-year program see an adviser for proper guidance.

I. TECHNICAL COURSES	34
ENVT 10001, Introduction to Environmental Technology	3
10004, Toxicology	3
ENVT 10010, Environmental Hazards Identification and Control	4
20001, Environmental Law	3
20004, Safety and Injury Control	3
20008, Environmental Safety Administration	3
20092, Environmental Technology Internship I	3
21092, Environmental Technology Internship II	3
COMT 11000, Introduction to Computers	3

Select two courses from the following list 6
in consultation with an adviser.

- CJST 22301, The Investigative Process (3)
- ENVT 20006, Fire Prevention and Control (3)
- 20020, Hazardous Waste Operations and Emergency Response (3)
- 22095, Special Topics in Environmental Technology (3)

II. RELATED COURSES17

- BSCI 10181, Biological Principles I 4
- 10182, Biological Principles II 4
- CHEM 10054, General and Elementary Organic Chemistry 5
- 10053, Inorganic and Organic Lab 1
- GEOL 20162, Environmental Geology 3

III. GENERAL STUDIES COURSES17

- ENG 10001, College English I 3
- 10002, College English II 3
- MATH 11011, College Algebra 4
- POL 20224, State and Local Government 3
- US 10001, University Orientation 1
- General Studies Elective 3

Select from the Liberal Education Requirements list in this Catalog

TOTAL 68

Associate of Applied Science

Horticulture Technology Curriculum

This degree is offered at the Salem Campus. Students who want to emphasize a particular area may concentrate on tree care, lawn care, or landscape care. This degree is designed to prepare graduates for entry-level positions in the horticulture industry.

I. TECHNICAL COURSES37

- BSCI 16001, Horticultural Botany 3
- 26002, Ecological Principles of Pest Management 3
- 26003, Plant Identification and Selection I 3
- 26004, Plant Identification and Selection II 3
- CHEM 16001, Horticultural Chemistry 4
- GEOG 16001, Soil and Horticultural Management 3
- HORT 16001, Intro. to Horticulture 1
- 26001, Occupational Regulations and Safety 2
- Technical Elective 3

Select two concentrations from the following areas . 12

- HORT 26010, Arboriculture (3)
- 26011, Cooperative Work Experience in Tree Care (3)

or

- HORT 26020, Landscape Management (3)
- 26021, Cooperative Work Experience in Landscape Management (3)

or

- HORT 26030, Turfgrass Management (3)
- 26031, Cooperative Work Experience in Turfgrass Management (3)

II. RELATED COURSES15

- BMRT 11000, Introduction to Business 3
- 11006, Business Computations I 3
- 21052, Professional Selling Techniques 3
- COMT 11000, Introduction to Computers 3
- GEOL 21062, Environmental Geology 3

III. GENERAL STUDIES COURSES14

- COMM 15000, Theory and Practice of Oral Discourse 3
- ENG 10001, College English I 3
- 20002, Technical Writing 3
- Elective from the Liberal Education Requirements 3
- US 10001, University Orientation 1
- PEB 10020, Development and Conditioning 1

TOTAL 66

Associate of Applied Science

Human Services Technology Curriculum

This degree is offered at the Ashtabula and Salem Campuses and it is designed to prepare graduates for entry-level positions at a beginning, preprofessional level of practice in a variety of human service agencies. The program includes applied courses in social services and supervised internships for second-year students in local human services agencies. The core of the curriculum is focused on client advocacy and case management. Admission to the program requires admission to the University and approval of an application, which includes, at minimum, the completion of 18 credit hours in the first year. Students may begin the program on a full or part-time basis, but must register for at least 9 credit hours in the third and fourth semesters. Detailed information and requirements for admission, satisfactory progress, and graduation are in the student handbook for this program. A copy of the handbook may be obtained from the program director.

I. TECHNICAL COURSES	33
HED 11590, Community Health	3
HST 11000, Introduction to Human Services	1
11001, Group Process in Human Services	2
11002, Survey of Community Resources	3
21000, Dynamics of Helping Relationship	3
21001, Assessment of Client Needs	3
21002, Client Advocacy and Case Mgt	3
21092, Internship I	3
21192, Internship II	3
SOC 32762, Deviant Behavior	3
Electives	6
<i>Choose from: HED 22530, 22544, SOC 22400, 22570, COMT 11000, OMRT 11030, 11080</i>	
II. RELATED COURSES	17
HED 11570, Personal Health	3
14020, Medical Terminology	2
21050, Health Behavior and Advocacy	3
PSYC 11762, General Psychology	3
21211, Psychology of Adjustment	3
SOC 12050, Introduction to Sociology	3
III. GENERAL STUDIES COURSES	16
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, College English I	3
20002, Technical Writing	3
Electives	6
<i>from the Social Sciences and Humanities lists of the Liberal Education Requirements</i>	
US 10001, University Orientation	1
TOTAL	66

Associate of Applied Science

Laboratory Technology Curriculum *

This degree is designed to prepare graduates with applied skills and knowledge for employment as laboratory assistants in commercial, industrial and environmental testing laboratories. The program includes a laboratory technology core with two concentrations from which students may choose: Environmental Laboratory or Industrial Laboratory Technology; related courses and general studies courses designed to support the technical courses. Students planning on continuing in a four-year program should consult with an academic adviser.

I. TECHNICAL COURSES	22-23
LABT 11001, Laboratory Safety	3

LABT 11002, Laboratory Quality Control and Quality Assurance	4
11004, Applied Laboratory Technology	3
21001, Introduction to Industrial Chemical Processes	2
21092, Internship in Laboratory Technology	1-2
21095, Special Topics in Laboratory Technology	3
ENVT 10004, Toxicology	3
20020, Hazardous Waste Operations & Emergency Response	3
Select one option:	9-10
Environmental Laboratory Option	
ENVT 10001, Introduction to Environmental Technology (3)	
20001, Environmental Law (3)	
LABT 20010, Industrial Hygiene & Environmental Testing (3)	
Industrial Laboratory Option	
PLCT 12000, Introduction to Plastics (4)	
MERT 12005, Properties of Materials (3)	
22006, General Mechanical Laboratory (3)	
II. RELATED COURSES	16
CHEM 20111, Elementary Quantitative Analysis	4
20112, Elementary Quantitative Lab	2
COMT 11000, Introduction to Computer Systems	3
MATH 19001, Technical Mathematics I	4
PHY 12201, Technical Physics I	3
III. GENERAL STUDIES COURSES	16
US 10001, Orientation	1
ENG *10001, College English I	3
<i>*Prerequisite ENG 10000 - 3 hrs or test.</i>	
20002, Technical Writing	3
CHEM 10050, Fundamentals of Chemistry	3
10052, Introduction to Organic Chemistry	2
10053, Inorganic and Organic Lab	1
Elective from Liberal Education Requirements	3
TOTAL	63-65

*Pending Ohio Board of Regents approval.

Associate of Applied Science

Legal Assisting Technology Curriculum

This degree is available at the East Liverpool and Trumbull Campuses and is designed to train students as legal assistants (paralegals).

I. TECHNICAL COURSES	31-33
LEGT 18000, Intro to Paralegal Studies	3
18001, Legal Research and Writing	3

18003, Family Law and Procedure	3
21092, Internship	2
28004, Principles and Practice of Litigation	3
28005, Civil Litigation	3
28006, Adv. Legal Research and Writing	3
28007, Estate and Probate Admin	3
28008, Prof. Develop. for Paralegals	1
Technical Electives**	7-9
Choose one from:	3
<i>The Office Management component of the LEGT Program should include a choice of one (1) among the following courses</i>	
OMRT 21020, Introductory Word Processing (3)	
21038, Business Comm. (3)	
ENG 20002, Technical Writing (3)	
II. RELATED COURSES	13
ACTT 11000, Accounting I - Financial	4
BMRT 11000, Intro. to Business	3
11006, Business Computations I*	3
COMT 11000, Intro. to Computer Systems	3
III. GENERAL STUDIES COURSES	19
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, College English I	3
10002, College English II	3
US 10001, University Orientation	1
Electives***	9
TOTAL	66-68

*May be substituted with a higher level math course.

**Select from LEGT 18002, 18005; BMRT 11009, 21000, 21002; RERT 11000, 11001; ACTT 21003.

***Select from ECON 22061; POL 11010; SOC 12050.

I. TECHNICAL COURSES	35
<i>Engineering Technology Core:</i>	
EERT 22000, Electricity/Electronics with Applications	3
22002, Industrial Controls	3
IERT 12005, Applications in Computer-Aided Design	2
22010, Computer Integrated Manufacturing	3
MERT 12000, Engineering Drawing	3
12001, Computer Aided Drafting	4
12005, Properties of Materials	3
22012, Fluid Power	3
MFGT 12010, Safety in the Workplace	2
21001, Standard Design Practice for Manufacturing	3
Select one option:	6
<i>Industrial Automation Option Specialty Courses:</i>	
EERT 22013, Industrial Electronics (3)	
MFGT 22014, Advanced Industrial Electronics (3)	
<i>Automated Machining Option Specialty Courses:</i>	
MFGT 13001, Computer Numerical Control Programming (3)	
23001, Computer Aided Manufacturing I (3)	
II. RELATED COURSES	17
EERT 22003, Technical Computing	3
IERT 22000, Statistical Process Control	4
PHY 13001, General College Physics I	5
13002, General College Physics II	5
III. GENERAL STUDIES COURSES	14
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, College English I	3
20002, Technical Writing	3
MATH 12001, Algebra & Trigonometry	4
US 10001, University Orientation	1
TOTAL	66

Associate of Applied Science

Manufacturing Engineering Technology

This degree is available only at the Salem Campus. This degree is designed to prepare students for entry-level technical jobs in manufacturing. Subject matter includes computer-aided design (CAD), computer-aided manufacturing (CAM), computer numerical control (CNC), industrial controls and programmable logic controllers (PLCs), with an emphasis on industrial automation. There are two options within the degree: (1) the Industrial Automation Option, and (2) the Automated Machining Option.

Associate of Applied Science

Mechanical Engineering Technology

(Integrated Manufacturing)

This degree is designed to explore mechanical engineering technology, with emphasis on Integrated Manufacturing. Subject matter includes drafting, CAD/CAM, CNC, materials testing, and robotics applications. Technical electives may be substituted with the approval of a faculty adviser. The General Option of this degree program is available at the Ashtabula, Trumbull and Tuscarawas Campuses. The Systems Option is an individualized option which must be developed with an adviser's assistance; it is available only at the Ashtabula and Salem Campuses (see also

Systems Engineering Technology). The Polymer Option is available only at the Ashtabula Campus.

I. TECHNICAL COURSES	39
<i>Engineering Technology Core:</i>	
EERT 22014, Microprocessors and Robotics	4
IERT 22010, Computer Integrated Manufacturing	3
MERT 12000, Engineering Drawing	3
12001, Computer-Aided Drafting	4
12005, Properties of Materials	3
22009, Robotics and Flexible Automation	3
<i>General Option Specialty Courses:</i>	
MERT 12004, Manufacturing Processes	3
22002, Statics and Strength of Materials	5
22003, Computer-Aided Tool Design	3
22004, Mechanics and Machine Design	5
22012, Fluid Power	3
II. RELATED COURSES	19
EERT 22003, Technical Computing	3
MATH* 11011, College Algebra	4
11012, Intuitive Calculus	3
11022, Trigonometry	2
PHY 12201, 12202, Technical Physics I, II	7
III. GENERAL STUDIES COURSES	14
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, College English I	3
20002, Technical Writing	3
US 10001, University Orientation	1
Social Sciences or Humanities electives	4
<i>Choose from the Liberal Education Requirements</i>	
TOTAL	72

*Tuscarawas students must take MATH 11011, 11022, 19002 (10 hours) or MATH 12000, 12001 (9 hours) due to TAC/ABET accreditation. For Tuscarawas students the Related Courses hours are 19-20 and the total hours are 72-73.

Systems Option

See Mechanical Engineering Technology Curriculum. Specialty courses consist of MERT 12004 (Manufacturing Processes), IERT 12005 (Applications in CAD), and 11-14 hours of Engineering Technologies courses selected in consultation with an advisor. This option is available only at the Ashtabula and Salem Campuses. See also Systems/Industrial Engineering Technology, Individualized Option.

Polymer Option

See Mechanical Engineering Technology Curriculum. Specialty courses consist of PLCT 12000 (Intro. to Plastics), 12003 (Reinforced Plastics), 12004 (Properties of Plastics Materials), 22000

(Assembly and Finishing of Plastics), IERT 22000 (Statistical Processes Control). This option is available only at the Ashtabula Campus.

Associate of Applied Science

Nursing Curriculum

The Associate of Applied Science in Nursing is available at the Ashtabula, East Liverpool and Tuscarawas Campuses. Students interested in the program should apply directly to one of these campuses and meet with the director of Nursing for additional application details concerning advanced placement, etc. Detailed information and requirements for admission, satisfactory progress and graduation are in the brochure for this program. A copy of the brochure may be obtained from the program director.

With the successful completion of the program, graduates are awarded an Associate of Applied Science in Nursing Degree and are eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

I. NURSING COURSES*	38
NRST 10001, Foundations of Nursing Agency	5
10002, Intro. to Nursing Processes	1
10003, Nursing Agency I	6
10004, Older Adult Dev. Self-Care	2
10005, Therapeutic Use of Self	2
20206, Nursing Agency II	5
20207, Psychosocial Self-Care Deficits	3
20208, Nursing Agency III	6
20209, Maternal/Newborn Dev. Self-Care	2
20210, Child and Family Dev. Self-Care	2
20211, Contemporary Nursing Issues	1
NURS 20950, Human Growth and Development for Health Professionals	3
II. RELATED COURSES	16
BSCI 20020, Biol. Structure and Function**	5
20021, Basic Microbiology**	3
Choose either	5
CHEM 10054, Gen. and Elem. Organic Chemistry (5)	
or	
10050, General Chemistry (3)	
10052, Organic Chemistry (2)	
NUTR 33512, Nutrition**	3

III. GENERAL STUDIES COURSES	16
ENG 10001, 10002, College English I, II	6
US 10001, University Orientation	1
PSYC 11762, General Psychology	3
SOC 12050, Intro. to Sociology	3
Elective***	3
TOTAL	70

*A grade of C or better in theory and a designation of "passing" for performance in the clinical area must be achieved for each nursing course. A GPA of 2.00 must be maintained in order to progress in the nursing program.

**A grade of C or better in BSCI 20020, BSCI 20021 and NUTR 33512 must be obtained.

***Electives must be in the area of communication, management, computer, psychology, sociology, foreign language or Liberal Education Requirements. Permission should be obtained from the director of Nursing.

The Associate's Degree in Nursing Program, Regional Campuses, reserves the right to initiate changes in the program as deemed necessary for maintaining quality nursing education.

Associate of Applied Science

Occupational Therapy Assisting Technology Curriculum

The Associate of Applied Science in the Occupational Therapy Assisting program is offered at the East Liverpool Campus. This program is fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220, (301) 652-AOTA. With the successful completion of the program, graduates are awarded the Associate of Applied Science degree, and are eligible to sit for the National Certification Examination for Occupational Therapy Assistants administered by the National Board for Certification of Occupational Therapists (NBCOT). Admission to the program requires admission to the University, a minimum of 40 hours of volunteer time in an occupational therapy setting, high school or college algebra and general biology, completion of the COMPASS test, and if necessary, recommended coursework. Application deadline is January 15. Program applicants are encouraged to meet with the program director. Detailed information and requirements for admission, satisfactory progress and

graduation are in the student handbook for this program. A copy of the handbook may be obtained from the program director.

I. TECHNICAL COURSES	35
OTAT 10000, Intro. to Occupational Therapy	3
10001, Therapeutic Media I	3
10002, Therapeutic Techniques I - Psychosocial Dysfunction	5
20000, Therapeutic Techniques II - Physical Dysfunction	5
20001, Occupational Therapy Management Skills	2
20002, Therapeutic Media II	3
20003, Therapeutic Media III	3
20004, Therapeutic Techniques III - Developmental	3
20005, Clinical Applications	8
<i>Note: Clinical education must be successfully completed within 18 months of the didactic coursework.</i>	
II. RELATED COURSES	16
BSCI 11001, Anatomy for Physical and Occupational Therapy	5
NURS 20950, Human Growth and Development for Health Professionals	3
PTAT 10002, Analysis of Movement	4
20001, Therapeutic Communications	1
PSYC 21211, Psychology of Adjustment	3
III. GENERAL STUDIES COURSES	16
ENG 10001, 10002, College English I, II	6
US 10001, University Orientation	1
PSYC 11762, General Psychology	3
SOC 12050, Intro. to Sociology	3
Elective*	3
TOTAL	67

*Course to have communication or management focus.

Comprehensive Business Education Baccalaureate Degree

Students interested in a four-year degree in Comprehensive Business Education should follow the program outlined under the Department of Vocational Education in the College of Education section of this Catalog.

Associate of Applied Business

Office Technology Curriculum

This degree is offered at the Ashtabula, Salem, Trumbull and Tuscarawas Campuses. Program options are Offices Services,

Administrative Assistant and Office Management. Some options are not available at the Salem Campus. Technical electives depend on the option chosen and the typing and shorthand skills of the students at the time of first enrollment. Please study options listed in this Catalog, and consult a faculty adviser.

I. TECHNICAL COURSES	32
OMRT 11035, Business Calculators	1
11036, Records Management	3
10039, Database Applications	1
11080, Computer Keyboarding	1
11081, Document Formatting & Production	3
21011, Spreadsheet Applications	3
21019, Software Integration	2
21020, Word Processing I	3
21021, Word Processing II	3
21025, Business Presentations	1
21035, Administrative Resource Management	3
21040, Seminar in Office Technology	2
Technical Electives	6
<i>In consultation with an adviser, select two courses from:</i>	
OMRT 21022, Desktop Publishing (3)	
21023, Desktop Publishing II (3)	
21037, Specialized Machine Transcription (3)	
21050, Medical Billing Procedures (3)	
LEGT 18000, Introduction to Paralegal Studies (3)	
II. RELATED COURSES	13
ACTT 11000, Accounting I - Financial	4
BMRT 11006, **Business Computations I	3
Related Electives	6
ACTT 11001, Accounting II - Managerial (4)	
11003, Payroll Accounting (2)	
BMRT 11000, Introduction to Business (3)	
11009, Introduction to Management (3)	
21000, Business Law and Ethics I (3)	
COMT 11000, Introduction to Computers I (3)	
OMRT 21092, Internship in Office Technology (1-3)	
III. GENERAL STUDIES COURSES	16
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, College English I	3
OMRT 21038, Business Communications	3
US 10001, University Orientation	1
General Studies Electives:	6
<i>Select from Liberal Education Requirements list in this Catalog.</i>	
TOTAL	61

***With a faculty adviser's approval, this course may be taken Credit-by-Exam or replaced with more advanced mathematics, statistics or accounting.*

Associate of Applied Science

Physical Therapy Assisting Curriculum

The Associate of Applied Science in the Physical Therapy Assisting program is offered at the East Liverpool and Ashtabula Campuses. With the successful completion of the program, graduates are awarded the Associate of Applied Science degree in Physical Therapy Assisting and are eligible to take the licensing examination given by the State of Ohio Board of Occupational and Physical Therapy. Students interested in the program should apply directly to East Liverpool or Ashtabula Campus and meet with the program director. Detailed information and requirements for admission may be obtained from the East Liverpool or Ashtabula program office.

I. TECHNICAL COURSES	37
PTAT 10000, Intro. to Physical Therapist Assisting	2
10001, Prin. of Patient Care in Physical Therapy	4
10003, 20003, Clinical Conditions I, II	6
10004, 20004, Physical Therapy Procedures I, II	9
20005, 20007, Dir. Practice in Physical Therapy I, II	12
20006, Physical Rehabilitation Procedures	4
II. RELATED COURSES	17
BSCI 11001, Anatomy for Phys. and Occup. Therapy	5
NURS 20950, Human Growth and Development for Health Professionals	3
PHY 12111, Physics for Health Technologies	3
PTAT 10002, Analysis of Movement	4
10009, Medical Terminology	1
20001, Ther. Comm. in Physical Therapy	1
III. GENERAL STUDIES COURSES	16
ENG 10001, 10002, College English I, II	6
PSYC 11762, General Psychology	3
SOC 12050, Sociology	3
Select an elective from the Liberal Education Requirements*	3
US 10001, University Orientation	1
TOTAL	70

**COMM 15000 recommended.*

A grade of C or better in theory and a designation of "passing" in the clinical component must be achieved for each physical therapy assisting course in order to progress to the next course in the program sequence.

The associate's degree in the Physical Therapy Assisting program reserves the right to initiate changes in the program as

deemed necessary for maintaining quality education for the students.

ENG	10001, College English I	3
	20002, Technical Writing	3
US	10001, University Orientation	1
TOTAL		69-70

Associate of Applied Science

Plastics Manufacturing Engineering

Technology Curriculum *

This degree is designed to prepare students for careers in plastics manufacturing and related industries. The program emphasizes the development of strong mathematical and analytical problem solving skills, with coursework providing a foundation in Chemistry and Physics. The program also incorporates computer applications in manufacturing processes and product development. Coursework focuses on the application of skills and knowledge in both simulated and actual manufacturing environments.

I. TECHNOLOGY COURSES36-37
Engineering Technology Core:
 EERT 22000, Electrical/Electronics with Applications 3
 IERT 12005, Applications in CAD 2
 MERT 12000, Engineering Drawing 3
 12005, Properties of Materials 3
 22002, Statics & Strength of Materials 5
 22012, Fluid Power 3
Choose one of: 2
 TECH 33056, Cooperative Education (2)
 43096, Individual Investigation (2)
Plastics Manufacturing Courses:
 PLCT 12000, Introduction to Plastics 4
 12004, Properties of Plastics Materials 3
 22001, Plastics Product Design 3
 22002, Plastics Tool Design 3
Choose one: 2-3
 12003, Reinforced Plastics (3)
 22005, Plastics Manufacturing (2)

II. RELATED COURSES18
 EERT 22003, Technical Computing 3
 IERT 22000, Statistical Process Control 4
 MATH 12001, Algebra & Trigonometry 4
 19002, Technical Math II 4
 PHY 12201, Technical Physics I 3

III. GENERAL STUDIES COURSES15
 CHEM 10054, General & Organic Chemistry 5
 COMM 15000, Theory and Practice of Oral Discourse 3

*Pending Ohio Board of Regents approval.

Associate of Applied Science

Radiologic Technology Curriculum

The Associate of Applied Science in Radiologic Technology is offered at the Salem Campus. With the successful completion of the program, graduates are eligible to take the certification examination administered by the American Registry of Radiologic Technologists. Admission to the program is on a selective basis due to the limited number of students approved for each clinical education center. The application deadline is February 1. Program applicants are encouraged to meet with an adviser at the Salem Campus to discuss the minimum admission requirements. Detailed information and requirements for admission, satisfactory progress, and graduation are in the student handbook for this program. A copy of the handbook may be obtained from the program director.

I. TECHNICAL COURSES35
 RADT 14000, Intro. to Radiographic Technology 3
 14001, Orient. to Clinical Radiography 2
 14010, Clinical Education I 1
 14011, Clinical Education II 1
 14012, Clinical Education III 1
 14013, Clinical Education IV 1
 14019, Radiographic Exposure and Imag. I 2
 14020, Radiographic Procedures I 5
 14021, Radiographic Procedures II 4
 14022, Radiographic Exposure and Imag. II 3
 24002, Radiation Protection 3
 24010, Clinical Education V 1
 24011, Clinical Education VI 1
 24020, Radiographic Procedures III 4
 24022, Radiographic Exposure and Imag. III 3

II. RELATED COURSES18
 BSCI 11000, Principles of Anatomy for Radiologic Technology 4
 COMT 11000, Introduction to Computers 3
 HED 14020, Intro. to Medical Terminology 2
 RADT 14002, Intro. to Patient Care 3
 14004, Radiologic Physics 4
 24001, Radiologic Pathology 2

III. GENERAL STUDIES COURSES	17
CHEM 10050, Fundamentals of Chemistry	3
ENG 10001, 10002, College English I, II	6
US 10001, University Orientation	1
MATH 11011, College Algebra	4
PSYC 11762, General Psychology	3
TOTAL	70

Associate of Technical Study (Category B)

Radiologic Technology Completion Program

The Salem Campus also offers associate's degree completion programs for certified radiologic technologists and diagnostic medical sonographers who have completed their training at an accredited institution and have been certified by the American Registry of Radiologic Technologists or American Registry of Diagnostic Medical Sonographers.

Students interested in one of these programs should apply to the Salem Campus and meet with the director of Radiologic Technology for additional application details. Upon admission to these programs, students will be granted 32 credit hours on the basis of their certification. In addition, they must successfully complete a minimum of 32 or 33 hours of courses selected in accordance with the following curricula:

- Associate of Technical Study in Radiologic Technology,
- Associate of Technical Study in Nuclear Medicine Technology,
- Associate of Technical Study in Radiation Therapy Technology,
- Associate of Technical Study in Diagnostic Medical Sonography.

Credits awarded on the basis of certification	32
Basic Sciences, Math*, Computer Technology	15
College English 10001, 10002	6
Humanities and Fine Arts	3
Social Sciences	9
University Orientation	1

*MATH 10004, Developmental Mathematics, and MATH 10005, Introduction to College Mathematics, cannot be included in this section.

The total degree will consist of 66 hours. Coursework may be pursued at any Regional Campus, but students must be advised by the director of Radiologic Technology, housed at the Salem Campus.

Associate of Technical Study

Radiology Department Management

Thirty-two (32) credits are awarded on the basis of certification as Radiologic Technologist. In addition, the following coursework is required:

I. RELATED COURSES	20
BMRT 11000, Intro. to Business	3
11009, Intro. to Management Technology	3
21006, Human Resources Management	3
21008, Case Studies in Mgmt. Technology	3
21096, Individual Investigation	2
COMT 11000, Intro. to Computer Systems	3
RADT 21095, Special Topics:	
Contemporary Issues in Rad. Tech	3
II. GENERAL STUDIES COURSES	16-17
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, College English I	3
20002, Technical Writing	3
US 10001, University Orientation	1
One of the following pairs:	6-7
ECON 22060 and 22061	
PSYC 11762 and 21211	
MATH 11011 and 11012	
BSCI 10001 and 10002	
TOTAL	68-69

The total degree will consist of 68-69 hours. Coursework may be pursued at any Regional Campus offering appropriate courses, but students must be advised by the director of Radiologic Technology, housed at the Salem Campus.

Associate of Applied Science

Systems/Industrial Engineering Technology Curriculum

This degree is available at the Trumbull and Tuscarawas Campuses. Systems Engineering is available as an individualized option at the Ashtabula and Salem Campuses under the Mechanical Engineering Technology degree. Not all courses are available at all campuses, nor are all courses regularly scheduled. Individualized option programs must be developed in consultation with an academic adviser.

I. TECHNICAL COURSES	37
EERT 22014, Microprocessors and Robotics	4
IERT 22000, Statistical Process Control	4
22006, Economic Decision Analysis	3
22010, Computer Integrated Manufacturing	3
MERT 12000, Engineering Drawing	3
12001, Computer-Aided Drafting	4
12004, Manufacturing Processes	3
22009, Robotics and Flexible Automation	3
Choose 10 hours:	10
COMT 21008, Computer Meth. in Sci. and Eng (3)	
EERT 22004, Digital Systems (3)	
IERT 12005, Applications in CAD (2)	
22001, Motion and Time Study (3)	
22003, Supervision and Labor Relations (5)	
22004, Facilities Engineering (2)	
22005, Production and Inventory Control (2)	
22008, Taguchi Process Improvement (3)	
II. RELATED COURSES	19
EERT 22003, Technical Computing	3
MATH* 11011, College Algebra	4
11012, Intuitive Calculus	3
11022, Trigonometry	2
PHY 12201, 12002, Technical Physics I, II	7
III. GENERAL STUDIES COURSES	14
COMM 15000, Theory and Practice of Oral Discourse	3
ENG 10001, College English I	3
20002, Technical Writing	3
Social Sciences or Humanities electives	4
<i>from the Liberal Education Requirements</i>	
US 10001, University Orientation	1
TOTAL	70

*Tuscarawas students must take MATH 11011, 11022, 19002 (10 hours) or MATH 12000, 12001 (9 hours). For Tuscarawas students the Related Courses hours are 19-20 and the total hours are 70-71.

Associate of Technical Study (Category A)

The Associate of Technical Study degree program is open to students who need a specially designed course of study in a technical field. It consists of courses offered at the students' campus which suit the students' career goals. Degree programs must be planned with the help of a faculty adviser.

The program consists of a minimum of 61 semester hours of coursework, including University Orientation. At least 30 hours are made up of "technical core" courses that offer education cen-

tral to students' career goals. At least 15 hours must consist of basic courses which provide background to the technical core, and at least 15 hours must be selected from the Liberal Education Requirements on pages 77-80. The degree program should not exceed 73 hours.

Degree programs must be approved by the faculty adviser, the campus dean, and the dean for Academic Affairs, Regional Campuses. At least 32 hours must be completed after approval of the written degree program proposal.

The Associate of Technical Study may be conferred as a concurrent degree or when students already hold another degree. At least 24 hours of coursework must be completed after approval of the program, and the program must include at least 24 hours of work in addition to the prior or concurrent degree.

Forms for developing an ATS program proposal can be obtained at any Regional Campus student services office.

Associate of Technical Study (Category B)

The Associate of Technical Study degree program, Category B, provides associate's degree-level completion based on a technical certificate or other formal technical training program acquired outside Kent State University. The block of credits awarded for technical training outside Kent State University is not applicable to any other degree programs. See Radiologic Technology Completion Programs on page 345 of this Catalog.

Associate of Technical Study

Industrial Trades Technology Completion Program

The Geauga and Trumbull Campuses offer an associate's degree completion program for students who have completed four years of apprenticeship/journeyman training. Apprentices must have completed their training from an organization working in cooperation with the Bureau of Apprenticeship and Training in the U.S. Department of Labor.

Students interested in this program should apply to the Geauga or Trumbull Campus and must meet with an adviser to be admitted to this program. Upon admission to this program, students will be granted 30 credit hours on the basis of their apprenticeship training. In addition, they must successfully complete a

minimum of 35 hours of courses selected in accordance with the following curriculum:

I. RELATED COURSES	15
COMT 11000, Introduction to Computers	3
IERT 22003, Supervision and Labor Relations	5
22006, Economic Decision Analysis	3
MATH 11011, College Algebra	4
II. GENERAL STUDIES COURSES	20
COMM 15000, Theory and Practice of Oral Discourse	3
ECON 22061, Principles of Macroeconomics	3
ENG 10001, College English I	3
Choose one from:	3
20001, Business Writing (3)	
20002, Technical Writing (3)	
US 10001, University Orientation	1
PSYC 11762, General Psychology	3
General Studies Electives	4
<i>Select from Liberal Education Requirements list in this Catalog, in consultation with an academic adviser.</i>	
TOTAL	35

The total degree will consist of 65 credit hours. Coursework may be pursued at any Regional Campus but students must be advised by an adviser at the Geauga or Trumbull Campus.



MILITARY STUDIES

Air Force Reserve Officer Training Corps (AFROTC)

The Air Force ROTC program provides professional preparation for students considering service as officers in the U.S. Air Force. The program offers information on Air Force career opportunities and the role of the military in the American society. Courses are normally taken for academic credit as part of the students' electives. Entering freshmen and sophomores may register for aerospace studies courses at the same time and in the same manner as they enroll in their other college courses. Freshmen may register for ASTU 10101 and 10103 for the Fall term and ASTU 10102 and 10104 for the Spring term; sophomores may register for ASTU 20101 and 20103 for the Fall term and ASTU 20102 and 20104 for the Spring term. The courses include one hour of academic instruction and a one-hour leadership laboratory each week. There is no military obligation incurred when students enroll in freshman- and sophomore-level courses.

Scholarship Action Program

Students who demonstrate academic and leadership potential may be selected by the professor of Aerospace Studies to compete for scholarships. These scholarships are for three or two years, and are awarded in the following fields: technical (chemistry, computer science, mathematics and physics), non-technical (architecture, business, economics, journalism, etc.), nursing, premedical and prelaw. The scholarship award includes tuition, laboratory fees, textbook allowance and a monthly grant of \$150, tax free.

Incentive Scholarship Program

Air Force ROTC students in the Professional Officer Course (juniors and seniors) who are not already on scholarship are eligible for \$1,500 per semester cash scholarships, \$225 per semester for books, plus \$150 per month, tax free. This award is limited to four total semesters (up to \$9,600) and cadets must be in good academic standing.

Scholarship Statement of Understanding

Air Force ROTC scholarship recipients must meet and maintain certain academic and military retention standards and serve in the active duty air force after graduation. Contact the Air Force ROTC office at (330) 672-2182 for more information on available scholarships.

Curriculum

The curriculum in Aerospace Studies is divided into two parts: the General Military Course (GMC), usually taken during the freshman and sophomore years, and the Professional Officer Course (POC), normally taken during the junior and senior years.

All aerospace studies courses are taught by Air Force officers assigned as full-time faculty members.

The General Military Course (GMC) is offered in four-sequenced lower-division aerospace studies courses. Each course consists of one hour of academic instruction per week and 15 leadership laboratory contact hours per semester. Membership in the GMC does not confer any military status or commitment upon the students, but affords them the opportunity to learn about the Air Force and its role in the American society. Students who do not want commissions may take the aerospace studies courses for academic credit only. There is no military obligation incurred by enrolling in the GMC.

The Professional Officer Course (POC) is a four-sequenced upper-division aerospace studies course. Each course consists of three hours of academic instruction per week and 15 leadership laboratory contact hours per semester. Entrance into POC is limited to qualified students desiring to compete for Air Force commissions. Enrollment in this program is based upon accumulative grade point average, physical qualifications, leadership and academic major. Successful completion of the POC qualifies the student for appointment as a Second Lieutenant in the U.S. Air Force.

There are two AFROTC Programs under which applicants may earn their commissions. The first is a Four-Year AFROTC Program. It includes membership in and completion of the GMC and POC (including a four-week field training course). The second is a Two-Year Program designed for students who have two years of academic work remaining. The Two-Year Program students attend a five-week field training course which concentrates on coursework missed during the freshman and sophomore years.

Applicants for the POC must attend a summer field training course, usually between their sophomore and junior years. The Air Force furnishes uniforms, housing, medical care, meals, round-trip travel allowance and military pay. Students who successfully complete field training then become eligible for the POC.

Veterans with previous honorable, active, U.S. military service who wish to enroll in the POC may receive a waiver of either the GMC or its equivalent as an entrance requirement. Veterans who meet all other requirements will be enrolled at the beginning of the junior year.

Uniforms and textbooks are provided at no charge to all students enrolled in AFROTC. Textbooks are returned upon completion of each academic year or upon withdrawal from the course.

ARMY RESERVE OFFICER TRAINING CORPS (ARMY ROTC)

Overview

Kent State University's tradition of Army ROTC began in 1947, and more than 1,100 students have been commissioned as officers in the United States Army. Army ROTC falls under the Military Science course heading and offers a two-four year course of study that adds practical management training and leadership experience to students' chosen academic degree. All students, undergraduate and graduate, are eligible to participate in the Army ROTC program.

Students whose career goals require leadership or managerial skills, those with an interest in the national defense structure and role of the military in society, or those students wishing to explore the financial benefits of the ROTC program and the Army, are encouraged to enroll in the introductory lower-division Military Science courses. These courses can be applied as elective credit toward most undergraduate degrees. Enrolling in Military Science courses follows the same procedure as other university courses. Participation is voluntary and requires no military obligation.

CURRICULUM

The Military Science curriculum is unified by the study of leadership, discipline and personnel management. Students will study leadership theory and dynamics through case studies, Army doctrine, military history and practical exercises. The program is divided into two segments: the Basic Officer Course and the Advanced Officer Course.

Basic Officer Course

The Basic Officer Course introduces students to the role of the military in our society, the fundamentals and dynamics of leadership and management, and the practical application of these fundamentals. There is no military obligation for enrolling in any of the basic course classes, and all undergraduates are eligible to enroll. Freshmen are encouraged to enroll in MSCI 10180 and MSCI 10185 with the accompanying leadership lab MSCI 10190. Sophomores are encouraged to contact the program's Enrollment Officer for guidance on Military Science placement. Students who have prior military service through active or reserve components can receive basic course credit and are eligible for placement into the Advanced Officer Course.

Advanced Officer Course

The Advanced Officer Course enhances the preparation of the professional officer. The advanced Military Science courses are open to both undergraduate and graduate students who have completed the Basic Officer Course requirements. These upper-division courses involve military leadership, personnel principles, ethics and law. An

additional 35-day summer practicum allows students to put into practice all their learned skills while being constantly evaluated on their leadership skills.

FINANCIAL ASSISTANCE PROGRAMS

Scholarships

Students who demonstrate academic and leadership potential may apply for Army ROTC four-, three-, and two-year scholarships. The scholarship pays tuition and fees (excluding flight fees) up to \$9,000, \$150-per-month tax-free grant and \$450-per-year book allowance. Two- and three-year scholarship applications are only available on campus and are under the immediate control of the Army ROTC program. Currently, Kent's Army ROTC program has several scholarships to award in each academic year. Applications are taken year round, and awards are given during spring semester. Scholarship eligibility criteria include: college GPA, ACT/SAT results (three-year applicants only), extracurricular activities and work, an interview and review board. Four-year scholarship applications are due by November 15 in the students' senior year in high school. Those who are interested may contact our office, their local guidance counselor, or call (800) USA-ROTC for an application. All scholarships are awarded based on merit rather than need and on-campus scholarships are on a first-come basic. All academic majors are eligible to apply.

University Incentives

For students interested in participating or currently enrolled, Kent State University has given our program 16 room incentives and \$12,500 to use toward discretionary scholarships. These incentive scholarships are awarded annually to students in our program and carry no military obligation. Incoming freshmen and other interested parties should call to set up an interview. The interview is the only application requirement.

OTHER PROGRAMS AND INFORMATION

Simultaneous Membership Program

Members of the Army National Guard, Army Reserves or students who have completed the ROTC Basic Officer Course are eligible to participate in the Simultaneous Membership Program (SMP). SMP students serve as officer trainees in a local National Guard or Reserve unit while attending full time at Kent State University and taking Military Science classes. Upon graduation and completion of the ROTC program, SMP students will receive a commission as a Second Lieutenant in the National Guard, Reserves, or go on active duty. In addition to becoming officers, students will receive all eligible financial benefits of the National Guard or Reserves (i.e. 60 percent tuition, GI Bill with more than \$2,000, up to \$10,000 in student loan repayment, and annual part time pay with over \$2,800) and \$150 per month for ROTC. All students currently participating in a

National Guard or Reserve program while attending Kent State University need to look into the Army ROTC program. Service time while in school counts toward your military commitment.

Basic Camp (Camp Challenge)

Students who have not taken the Basic Officer Course classes but wish to pursue a commission and receive some financial benefits of the ROTC program can attend a 35-day summer camp in lieu of the Basic Officer Course. Basic Camp teaches those skills required to complete the on-campus program and, additionally, offers students practical leadership experience by performing as cadet leaders throughout the camp. Basic Camp is challenging, both mentally and physically. Upon completion, students are eligible for placement in the Advanced Officer Course, two-year scholarship benefits, and entrance into the SMP program (see above). However, there is no obligation to continue in the program and students are paid more than \$700 for attendance. Once again, no military obligation is incurred. (Note: In 1997 and 1998 Basic Camps, 100 percent of medically eligible students who successfully completed Basic Camp received two-year scholarship offers.)

Career Opportunities

The Army has 25 branches with literally hundreds of job descriptions for newly commissioned officers. Areas such as Military Police, Military Intelligence, Finance, Nursing, etc., offer the new officer a variety of career options. A Second Lieutenant going on active duty (as of 1998) starts out at more than \$30,000 and exceeds \$50,000 within four years of service. Additional benefits include: a 20-year retirement, 30 days paid vacation, 100 percent medical and dental coverage, and \$200,000 worth of life insurance. A commission into a reserve component brings earnings ranging from \$4,000 and \$5,000 annually for only 39 days of duty. Whether the Army is a career aspiration or a résumé-building first job, the opportunities are limitless.

Departmental Programs

Students may elect to participate in activities beyond their course of study. Adventure activities such as mountaineering, rappelling, rifle marksmanship, physical conditioning and land navigation are examples of other programs complementing the Military Science study.

We have a drill team/color guard that trains and performs at University functions as well as community service events. Members do not need to enroll in ROTC to participate.

The ROTC Cadet Ranger team is a training-oriented student group emphasizing leadership experiences, group dynamics and advanced military skills. Team members compete in regional competitions against other university programs.

Miscellaneous

The following are some final highlights of the Army ROTC program.

- Nursing students are encouraged to consider our program. There are several dedicated nursing scholarships available, and recipients are guaranteed a nursing position after graduation.
- U.S. Army Specialty slots to Airborne School, Air Assault School, Northern Warfare School, Survival Training and others are available annually to enrolled student-cadets.
- There are no textbook or uniform costs for the Army ROTC program. All materials needed for our course are provided by the Military Science Department.
- Students who enter active military service after graduation may defer payment of national direct student loans or nursing student loans for up to three years.
- All Military Science students are assigned a sponsor in their freshman and sophomore years to help them adjust to the rigorous demands of college life.

Contacts and Information

The Army ROTC staff at Kent State University is available year round to provide additional information or answer questions concerning these academic programs, scholarship opportunities and enrollment requirements. We are located in 109 Wills Hall on the University's Kent Campus and can be reached by telephone at (330) 672-2769/2152.

SERVICE-MEMBERS OPPORTUNITY COLLEGES

Kent State University is a member of Service-members Opportunity Colleges, a consortium of over 1300 institutions pledged to be reasonable in working with service members and veterans trying to earn degrees even while pursuing demanding, transient careers. As a SOC member we are committed to easing the transfer of relevant course credits, providing flexible academic residency requirements, and credit learning from appropriate military training and work experiences. SOC is sponsored by 15 national higher education associations with the military services, the National Guard bureau, and the Office of the Secretary of Defense serving as cooperating agencies.



COMBINED BACCALAUREATE AND MASTER'S PROGRAM

PERSONS WITH OUTSTANDING undergraduate records or exemplary professional credentials may be eligible for one of the following enrollments in a combined baccalaureate and master's program:

- I. **A Combined Baccalaureate/Master's for Degree Students Early In Their Undergraduate Studies**
Students who have achieved a GPA of
3.50 after 60 semester hours
3.40 after 75 semester hours
3.30 after 90 semester hours
or 3.20 after 105 semester hours
may apply for early admission to a master's degree program by:
 - A. Completing the Application for Admission;
 - B. Completing the Combined Baccalaureate and Master's Program form which includes:
 1. Listing the courses at the undergraduate level which need to be taken for the baccalaureate degree.
 2. The beginning date for graduate study.
 3. Listing of graduate courses to be utilized in satisfying the undergraduate degree. (In participating departments/schools, students may apply up to 12 of their accumulated graduate hours toward the completion of their undergraduate degree requirements as well. The students' undergraduate department will determine the undergraduate coursework for which graduate credits may be substituted.) In some departments graduate coursework may be substituted only for elective undergraduate coursework and cannot be used as substitution within the major (please check with the graduate coordinator in your individual department.) The selection of the graduate coursework and the number of credits to be applied toward an undergraduate degree requires the approval of the graduate chair in the students' academic department and the appropriate undergraduate and graduate deans.
 - C. Providing three letters of recommendation from the instructors who are familiar with the students' achievements and intended academic goals.
 - D. Submitting any needed test scores from standardized examinations.
- II. **Combined Baccalaureate/Master's Program for Specified Professional Programs**
 - A. Combined Baccalaureate/Master's Degree Program in Speech Pathology and Audiology Leading to Clinical Certification
Students who have earned 90 semester hours and achieved a minimum GPA of 3.00 may, with approval of the School of Speech Pathology and Audiology, apply for admission to the combined program. Admission will be based upon satisfactory GRE scores, three letters of recommendation, and completion of the Application for Admission and Combined Baccalaureate and Master's Program forms.
 - B. The Combined Baccalaureate/Master's Program in the School of Architecture and Environmental Design Leading to the Bachelor of Architecture and Master of Architecture Degrees
Students who have earned 105 semester hours and achieved a minimum GPA of 3.00 may, with approval of the School of Architecture, apply for admission to the combined program. Admission will be based upon satisfactory portfolio review, three letters of recommendation, and completion of the Application for Admission and Combined Baccalaureate and Master's Program forms. Students who have completed a Bachelor of Science degree in Architecture elsewhere, with a minimum GPA of 3.00, and have been accepted into the Bachelor of Architecture program at Kent State University may apply for the Combined Program. Students may apply up to 10 hours of specific graduate credit to the Bachelor of Architecture degree program.
 - C. Combined Baccalaureate/Master's Program in the College of Business Administration
Students must have earned 90 semester hours in order to apply for the Combined Baccalaureate/Master's Program in the College of Business Administration. In addition, they must meet the GPA requirements outlined under Item I.
 - D. Combined Baccalaureate/Master's Program in the Center for International and Comparative Programs and the Graduate School of Management Leading to the Bachelor of Arts and Master of Business Administration Degrees
Students must be an International Relations major and complete their major in the first three years of study. In addition, students must pass a language proficiency exam, have a cumulative grade point average of 3.30 and earn a minimum GMAT score of 525 before being admitted to the M.B.A. program. In the fourth year of this combined program, students take graduate business courses which are applicable to the undergraduate degree as electives and to

the M.B.A. degree as foundation coursework. During the final year, students take advanced graduate business coursework leading to the M.B.A. degree.

E. The Combined Bachelor of Science/Master of Arts Degrees in Visual Communication Design

This is a five-year degree program with optional concentrations in 2D Graphic Design, 3D Graphic Design and Illustration. Students passing Junior Portfolio Review; having completed a minimum of 90 semester hours; demonstrating excellence in formal organization and conceptual problem solving abilities and technical skills; maintaining a minimum 3.00 overall grade point average and a 3.25 in the major, will be invited or may petition to enter this program. An overall grade point average of 3.00 and a major grade point average of 3.00 in both the bachelor's and master's programs will be required for graduation.

III. A Nontraditional Master's Degree Student

In rare instances, persons who have not completed a baccalaureate degree will be considered for admission to the appropriate graduate unit due to unusual and exemplary experiential learning. Such applicants may apply for admission by presenting for departmental consideration a curricular plan encompassing undergraduate and graduate coursework to achieve a liberal educational background and professional graduate degree and three letters of recommendation attesting to their potential for graduate study. Upon departmental recommendation and the approval of the dean of the appropriate graduate unit, the applicants will be admitted to undertake graduate work. Upon successful completion of the curricular plan and the particular master's degree requirements, the students will be awarded the master's degree.





THE COLLEGE OF CONTINUING STUDIES
Advising Offices Are Located In:

Office of Summer Sessions
204 Michael Schwartz Center
(330) 672-3233

COLLEGE OF CONTINUING STUDIES

THE COLLEGE OF CONTINUING STUDIES, in cooperation with academic units, sponsors quality, nontraditional, academic programs. The College of Continuing Studies includes Evening and Weekend programs, Gerontology Center, the Division of Lifelong Learning, Office of Public Service and Outreach and Summer Sessions.

EVENING AND WEEKEND PROGRAMS

Evening and weekend programs are for people who find the traditional daytime schedule of classes inaccessible. Most evening and weekend students are adults employed full- or part-time who have additional family responsibilities. Evening and weekend programs permit students to complete requirements for any of 25 undergraduate degrees.

Majors offered in the evening and weekend include: Accounting, Advertising, Business Management, Computer Science (applied math), Criminal Justice Studies, Economics, English, Finance, General Studies, Gerontology, History, Hospitality Food Service Management, Information Systems, Individual and Family Studies, Interior Design, News, Operations Management, Marketing, Psychology, Public Relations, Rhetoric and Communication, Technology and Visual Communication Design.

If you are an adult student interested in attending the evening and weekend programs, please contact the Office of Adult Services, (330) 672-7933.

GERONTOLOGY

The Gerontology Center administers outreach programs and services for the senior adult population. The Elderhostel, Senior Guest Student and Cooperative Senior Volunteer Programs are among these outreach efforts.

LIFELONG LEARNING

The Division of Lifelong Learning administers both credit and non-credit programs to meet lifelong learning needs of the University and the professional community. In addition, for students enrolled for at least 11 and not more than 18 credit hours during fall or spring semester (including workshop credit hours), the tuition portion of the workshop fee is included in the full-time fees for the semester.

In cooperation with other academic and service units at the University, the Division of Lifelong Learning offers credit workshops, conferences, non-credit courses, and seminars for professionals in business, education, health care and other fields. In partnership with the College of Business Administration, the Division provides customized training and consulting to organizations through the Center for Executive Education and Development. To receive additional information, contact the College of Continuing Studies, 204 Michael Schwartz Center, (330) 672-3233, or visit our web site: www.kent.edu/continuing_studies.

PUBLIC SERVICE AND OUTREACH

The Office of Public Service and Outreach develops, manages and co-sponsors learning opportunities for the enrichment of special target populations and community development. The Summer Youth program and Intensive English as a Second Language Programs are among these opportunities.

SUMMER SESSIONS

Educational opportunities for all students are available through Kent State University's comprehensive Summer Sessions. Summer on the beautiful Kent Campus is a special time of growth and development for many students. The trees, the carefully tended flower beds, and air-conditioned classrooms, combined with an outstanding program of more than 1,500 course offerings, make Kent an ideal place for students to expand their horizons under the most favorable conditions.

Summer Sessions at Kent State University begin in May with a three-week intensive intersession and continue with two consecutive five-week terms and an overlapping eight-week term. Daytime and evening courses are included. A variety of workshops, both credit and non-credit, are available in addition to regular credit classes.

To obtain a summer schedule booklet, contact the Office of Summer Sessions, 204 Michael Schwartz Center, (330) 672-3233 after March 1; you may FAX a request to (330) 672-2079, or e-mail Gloria@ccs.kent.edu or visit our web site at http://www.kent.edu/continuing_studies.