

Kent State University

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THE REGIONAL CAMPUSES
Advising Offices are Located at
the Individual Campuses.

See the next two pages for
the campus nearest you.
<http://www.kent.edu/regional/>

THE REGIONAL CAMPUS NETWORK

The Regional Campuses are a network of seven distinct campuses within the university. Three of them, the Ashtabula, East Liverpool and Salem campuses, are named for the cities in which they are located. The remaining four—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 The Higher Learning Commission and are members of the North Central Association. Some associate degree programs also have earned specific accreditation. The accounting technology, business management technology, computer technology and information technology for administrative professionals programs are accredited by the Association of Collegiate Business Schools and Programs (ACBSP). The nursing program is accredited by the National League for Nursing Accrediting Commission (NLNAC) 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). The radiologic technology program at the Salem Campus is accredited by the Joint Review Committee on Education in Radiologic Technology (JCERT). The American Physical Therapy Association has accredited the Ashtabula and East Liverpool programs. Ashtabula and East Liverpool's occupational therapy assistant program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE).

MISSION

The mission of the Regional Campuses is to extend access to the quality higher education programs and services of Kent State University to the residents of Northeast Ohio. 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 para-professional workforce. 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 Liberal Education Requirements (LER), associate degree programs, selected bachelor's degrees, continuing study and 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

3300 Lake Rd. West, Ashtabula, OH 44004, phone: 440-964-3322, fax: 440-964-4269, Web: www.ashtabula.kent.edu. The Ashtabula Campus is situated on an 80-acre site on Route 531 that overlooks Lake Erie. The three buildings on site house classrooms, administrative offices, child-care facilities, engineering and computer/science labs, athletic facilities, an auditorium, a gymnasium and a library. The grounds promote recreation and study and feature tennis courts, baseball fields, picnic areas and an outdoor performing arts stage. Fifteen associate degrees and all coursework for eight baccalaureate degrees are available at Kent State Ashtabula.

The East Liverpool Campus

400 E. 4th Street, East Liverpool, OH 43920, www.eliv.kent.edu, 330-382-7400 (phone), 330-382-7562 (fax). Kent State East Liverpool is an urban campus that overlooks the Ohio River. The campus serves students from Columbiana, Carroll, Jefferson and Mahoning counties in Ohio, and from the neighboring states of West Virginia and Pennsylvania. The East Liverpool Campus offers associate degrees in arts and sciences, accounting technology, business management technology, computer technology, justice studies, legal assisting technology, nursing, occupational therapy assistant and physical therapist assistant. Students interested in baccalaureate degrees can complete coursework in business management, technology, justice studies and general studies. Students can complete nearly all the coursework for the psychology and integrated health studies majors. Excellent resources, small class size and a comprehensive developmental education curriculum are in place to help every student succeed.

The Geauga Campus

14111 Claridon-Troy Road., Burton Twp., OH 44021, phone: 440-834-4187, fax: 440-834-8846, Web: www.geauga.kent.edu. Kent State Geauga is located in the heart of Geauga County, one mile north of state Routes 87 and 700. It is easily accessible from Cleveland and the eastern suburbs. The campus features a greenhouse which provides over 1,900 square feet of laboratory space for the horticulture technology program. Courses leading to associate degrees in arts and sciences, accounting technology, business management technology, computer technology, nursing and technical studies are offered, as are baccalaureate majors in business management, general studies, nursing and technology. Selected graduate courses and courses leading to the Master of Technology are offered as well. Courses also are offered at the DaimlerChrysler Training Center in Twinsburg, Ohio (330-487-0574).

The Salem Campus

2491 SR 45 S., Salem, OH 44460, phone: 330-332-0361, fax: 330-332-9256, e-mail: ask-us@salem.kent.edu, Web: www.salem.kent.edu. The Salem Campus 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 96-acre site just two miles south of the city, the campus features a lake and an arboretum—a 25-acre mixed hardwood forest—used by students for studies and recreation. A nature trail winds through the campus, attracting both bird watchers and runners. Students may use the outdoor tennis courts and the student activities center. In addition to offering a variety of cultural, social and student activities, the campus offers an honors program; continuing studies; liberal education courses; academic support services; developmental education; and associate degree programs in business, education, horticulture, human services, radiologic technology and computer technologies. Students also can complete six bachelor's and one master's degree program on campus.

The Stark Campus

6000 Frank Ave. N.W., North Canton, OH 44720, phone: 330-535-3377 (Akron) or 330-499-9600 (Canton), fax: 330-494-6121, Web: www.stark.kent.edu. Located on a 200-acre site just south of the Akron-Canton Regional Airport, Stark Campus, the largest of Kent State's Regional Campuses, offers baccalaureate degrees in business management, English, history, justice studies, middle childhood education and psychology. In addition, students can complete up to three years in nearly all of Kent State University's baccalaureate programs. Campus relationships with numerous community, cultural and business organizations bring a wide range of programs and services to the area. Along with a variety of cultural, social and student activities, the campus offers corporate and community services, management and small business development expertise, developmental education and academic support services.

The Trumbull Campus

4314 Mahoning Ave. N.W., Warren, OH 44483, phone: 330-847-0571 (Warren), fax: 330-847-6172, Web: www.trumbull.kent.edu. Kent State Trumbull is located just north of the Route 5 bypass on state Route 45. Trumbull Campus 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 17 areas of study, selected graduate courses, developmental education courses, a varied continuing studies program and a strong liberal arts core. Campus facilities include a theater, tennis courts and a one-mile fitness trail. The campus 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 N.E., New Philadelphia, OH 44663, phone: 330-339-3391, fax: 330-339-3321, Web: www.tusc.kent.edu. The Tuscarawas Campus offers 17 associate's degrees, as well as all of the coursework for the following bachelor's degrees: business management, general studies, industrial technology, justice studies, nursing and technology 2+2. In addition to the undergraduate coursework, the Tuscarawas Campus offers all the coursework for the master's degree in technology. The campus' Science and Advanced Technology Center provides over 50,000 square feet of laboratory and classroom space for nursing, continuing studies and workforce development.

ADMISSION

Students interested in attending a Regional Campus may obtain admission forms from any of the campuses. Admission is open to anyone with a high school diploma or its equivalent. Part-time early admission opportunities are available for qualified high school students in consultation with an advisor. In programs with special admission requirements, admission decisions and judgments will be made by the director of the program following normal faculty consultative procedures, and will take into account factors such as life experience, level of motivation and concern for under-represented groups in the program, as well as indicators such as GPA or ACT score.

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

Registration dates, times, procedures and access methods are similar to those of the Kent Campus. Registration information at a particular campus can be obtained from that campus.

Because the seven Regional Campuses and the Kent Campus comprise one university system, access and mobility among the 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

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

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 advisor.
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 advisor 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 advisor of the campus they wish to attend.

Other student services at the Regional Campuses include preadmission counseling, academic advising, child care and career counseling.

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 required of all students to assess learning skills. This information is used by students and advisors to determine the best course placement for academic success. 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 11001 Introduction to College Writing-Stretch and ENG 11002 College Writing I-Stretch, 3 credit hours each. These courses introduce college-level literacy with emphasis on reading and writing college-level texts.

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 (2.0) 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 in developing the reading skills necessary for successful completion of college coursework. Prerequisite: assessment testing or permission.

College credit is awarded for these courses; however, their application toward meeting degree requirements varies by program.

Support Services

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.

First Year Colloquium

US 10097 First Year Colloquium is required of all freshmen and transfer students entering the university with 24 or fewer semester hours. It is designed to help make the transition to college; to familiarize individuals with campus life, services and expectations; and to suggest techniques that can improve student success.

Advising

Regional Campuses consider advising to be an essential component in student success. Professional staff provide general advising, while faculty have primary responsibility for major advising.

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.

STUDENT DISABILITY SERVICES

The Regional Campuses of Kent State University are committed to providing equal access to students with disabilities. Each campus has a student disability coordinator who works with students to identify appropriate academic accommodations and support services to foster success at the university. Services for students with disabilities are determined by appropriate educational, medical and/or psychological documentation provided by the student. After documentation is reviewed and the disability is verified, students receive a letter of accommodations to present to instructors, and instructors then will know how best to work with students to meet their individual needs. If students are requesting accommodations, it is suggested that they contact the student disability coordinator on the campus they plan to attend at least two months prior to enrollment so that accommodations can be in place at the beginning of the semester. Contact the student disability coordinator for more information.

THE ASSOCIATE DEGREE

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

While associate degrees are awarded after the successful completion of at least 61 semester hours, it should be noted that most programs actually require additional hours 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 eventually will transition to the Kent Campus or transfer to another baccalaureate degree-granting institution to complete the degree. Some baccalaureate degrees may be completed at each Regional Campus.

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 a Bachelor of Science degree.

Baccalaureate Degree Completion Programs

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

Liberal Education Requirements

Candidates for the Associate of Arts and the Associate of Science degrees must fulfill the 36-hour Liberal Education Requirements. Regional Campus students who intend to earn a bachelor's degree at Kent also will be expected to fulfill these requirements. (See Pages 85-87 of this *Catalog* for specific information about the LER.)

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 advisor.* The availability of specific LER courses varies by campus.

Technical Programs

The purpose of associate 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, business management technology, computer technology or information technology for administrative professionals.

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: computer design and animation technology, early childhood education technology, electrical/electronic engineering technology, engineering of information technology, environmental technology, high technology manufacturing, horticulture technology, human services technology, legal assisting technology, manufacturing engineering technology, mechanical (integrated manufacturing) engineering technology, nursing, occupational therapy assistant technology, physical therapist assistant technology, plastics technology, radiologic technology, systems (industrial) engineering technology or veterinary technology.

Associate of Technical Study

Degree-Category A: This degree requires a minimum of 65 credit hours selected in consultation with an academic advisor from existing courses at that campus. The program permits students to develop a curriculum based on specific career objectives that 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.

Options in Technical Programs

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

Certificate Programs

The Regional Campus system awards approved certificates to students who successfully complete a course of study designed to meet a specific need. These programs consist of a minimum of 15 credit hours and a maximum of 30. Some certificate programs articulate fully or in part with associate degree majors.

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 State must declare their intent to pursue a certificate before completing 50 percent of the courses required. Courses completed pass/fail or through Credit-By-Exam

will not count toward completion of the certificate requirements. If a student already has 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 minimum 2.50 cumulative GPA in the courses required for the following programs: computer forensics and information security, database administrator, legal nurse consulting/nurse paralegal, solutions developer and systems engineer. All other certificates require a minimum cumulative GPA of 2.00 in the courses required for the programs.

Opportunities for Study Beyond the Associate's Degree

Associate of Arts and Associate of Science degree programs can become the foundation for baccalaureate programs.

Many credits earned in a technical associate's degree program are also applicable to baccalaureate degrees both at Kent State and at other colleges and universities. Which credits apply depend upon the associate's degree earned and the baccalaureate degree toward which students wish to work. Working closely with an advisor is strongly suggested as students explore options for majors and plan their schedules.

The baccalaureate completion 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 382 of this *Catalog*.

Bachelor of Radiologic and Imaging Sciences Technology

The Salem Campus provides a Bachelor of Radiologic and Imaging Sciences Technology, designed for students pursuing studies related to medical imaging. Five concentrations are offered: computed tomography (CT), diagnostic medical sonography (DMS), magnetic resonance imaging (MRI), nuclear medicine technology (NMT) and radiation therapy (RTH). The options to pursue this major are the following:

- **Option I:** Completion of the Associate of Applied Science in Radiologic Technology prior to acceptance into the major. Available in the following concentrations: CT, DMS, MRI, NMT or RTH.
- **Option II:** Completion of an Associate of Science degree *or* completion of electives (freshman entry) prior to acceptance into the major. Available in the following concentrations: DMS, NMT or RTH. No previous radiologic technology program is required prior to acceptance into this option.

- **Option III:** Graduation from a hospital-based certificate program in radiologic technology (32 semester credits will be awarded), successful completion of the American Registry of Radiologic Technologist (ARRT) certification exam and completion of the Associate of Technical Studies in Radiologic Technology (see *Catalog*) prior to acceptance into the major. Available in the following concentrations: CT, DMS, MRI, NMT or RTH.

Graduation Requirements

To receive a Bachelor of Radiologic and Imaging Sciences Technology, students must satisfy the 37-hour minimum requirements stipulated in the Liberal Education Requirements (LER) and diversity requirement as indicated in this *Catalog*. Students must complete a minimum 39 upper-division (junior- and senior-level) courses. The cumulative grade point average must be minimum 2.00 for all coursework taken at Kent State University. Students must have minimum 2.75 GPA in the radiologic and imaging sciences technology core courses. Only general elective courses may be taken pass/fail. Students must complete all academic and clinical competencies in their core concentration.

Computed Tomography Concentration

Students eligible for Option I or III may enroll in the computed tomography (CT) concentration.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	37-38
<i>A complete list of liberal education requirement (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	
Choose from the following 3-4	
MATH 11009 Modeling Algebra (4)	
11010 Algebra for Calculus (3)	
11011 College Algebra (4)	
Humanities and Fine Arts	9
<i>Minimum one course from humanities category and minimum one course from fine arts category.</i>	
Social Sciences	
<i>Must be selected from two curricular areas.</i>	
PSYC 11762 General Psychology	3
Social sciences LER course	3
Basic Sciences	

CHEM 10050 Fundamentals of Chemistry	3
Basic sciences LER course	3
Choose from the following:	1
CHEM 10031 Chemistry in Our World Laboratory (1)	
PHY 21041 Physics in Entertainment and the Arts Laboratory (1)	

Additional LER courses	6
<i>Courses must be selected from two categories, above. COMM 15000 Introduction to Human Communication and PHIL 11009 Principles of Thinking may also be taken within this category.</i>	

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER; the second course may be taken as a second LER, within a minor or as a general elective. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Course Requirements

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this concentration with IHS 44091. A complete list of writing-intensive courses is on Pages 93-95.

IV. Major Requirements 27

IHS * 44091 Professional Seminar in Integrated Health Studies	3
RIS 34083 Sectional Anatomy in Medical Imaging	3
44021 Patient Management in Computed Tomography	3
44022 Computed Tomography Procedures	3
44024 Physical Principles of Computed Tomography	3
44025 Computed Tomography Clinical Education I	3
44027 Computed Tomography Clinical Education II	3
44083 Pathophysiology for Medical Imaging	3
44098 Research in Medical Imaging	3

V. Upper-Division Electives 12

OPTION I

Additional Requirements	54
Technical requirements in radiologic technology	54
<i>See requirements under the A.A.S. in radiologic technology program in this Catalog.</i>	

TOTAL 131-132

OPTION III

Additional Requirements	44
COMT 11000 Introduction to Computer Systems	3
Associate of Technical Studies in Radiologic Technology	32
Lower-division electives	9

TOTAL 121-122

*Course fulfills writing-intensive requirement.

Diagnostic Medical Sonography Concentration

Students eligible for Options I, II or III may enroll in the diagnostic medical sonography (DMS) concentration.

I. General College or University Requirements 1
 US 10097 First Year Colloquium 1

II. Liberal Education Requirements 37-41
A complete list of liberal education requirement (LER) courses is on Pages 85-87.

Composition
 ENG 11011 College Writing I 3
 21011 College Writing II 3

Mathematics and Critical Reasoning
 Choose from the following 3-4
 MATH 11009 Modeling Algebra (4)
 11010 Algebra for Calculus (3)
 11011 College Algebra (4)

Humanities and Fine Arts 9
Minimum one course from humanities category and minimum one course from fine arts category.

Social Sciences
Must be selected from two curricular areas.
 PSYC 11762 General Psychology 3
 Social sciences LER course 3

Basic Sciences 7-10
Students must choose the required courses for their option.

Option I or III
 CHEM 10050 Fundamentals of Chemistry 3
 Basic sciences LER course 3
 Choose from the following: 1
 CHEM 10031 Chemistry in Our World Laboratory (1)
 PHY 21041 Physics in Entertainment and the Arts Laboratory (1)

 7

Option II
 BSCI 20020 Biological Structure and Function 5
 PHY 13001 General College Physics I 5

 10

Additional LER courses 6
Courses must be selected from two categories, above. COMM 15000 Introduction to Human Communication and PHIL 11009 Principles of Thinking may also be taken within this category.

Diversity Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER; the second course may be taken as a second LER, within a minor or

as a general elective. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Course Requirements
Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this concentration with IHS 44091. A complete list of writing-intensive courses is on Pages 93-95.

IV. Major Requirements 44

IHS * 44091 Professional Seminar in Integrated Health Studies 3

RIS 34042 Abdominal Sonography I 3
 34044 Ultrasound Physics and Instrumentation 3
 34045 Ultrasound Clinical Education I 2
 34052 Abdominal Sonography II 3
 34055 Ultrasound Clinical Education II 3
 34062 Obstetric-Gynecology Sonography I 3
 34065 Ultrasound Clinical Education III 2
 34082 Small Parts Sonography 1
 34083 Sectional Anatomy in Medical Imaging 3
 44072 Obstetric-Gynecologic Sonography II 3
 44074 Vascular Sonography 2
 44075 Ultrasound Clinical Education IV 3
 44083 Pathophysiology for Medical Imaging 3
 44084 Ultrasound Image Evaluation 1
 44085 Ultrasound Clinical Education V 3
 44098 Research in Medical Imaging 3

OPTION I
Additional Requirements 54
 Technical requirements in radiologic technology 54
See requirements under the A.A.S. in radiologic technology program in this Catalog.

TOTAL 136-137

OPTION II
Additional Requirements 39-40
 COMT 11000 Introduction to Computer Systems 3
 HED 14020 Medical Terminology 3
 RADT 14002 Introduction to Patient Care 3
 Associate of Science or electives 30-31

TOTAL 124-126

OPTION III
Additional Requirements 42
 COMT 11000 Introduction to Computer Systems 3
 Associate of Technical Studies in Radiologic Technology 32
 Lower-division electives 7

TOTAL 124-125

*Course fulfills writing-intensive requirement.

Magnetic Resonance Imaging Concentration

Students eligible for Option I or III may enroll in the magnetic resonance imaging (MRI) concentration.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	37-38
<i>A complete list of liberal education requirement (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	
Choose from the following 3-4	
MATH 11009 Modeling Algebra (4)	
11010 Algebra for Calculus (3)	
11011 College Algebra (4)	
Humanities and Fine Arts	9
<i>Minimum one course from humanities category and minimum one course from fine arts category.</i>	
Social Sciences	
<i>Must be selected from two curricular areas.</i>	
PSYC 11762 General Psychology	3
Social sciences LER course	3
Basic Sciences	
CHEM 10050 Fundamentals of Chemistry	3
Basic sciences LER course	3
Choose from the following: 1	
CHEM 10031 Chemistry in Our World Laboratory (1)	
PHY 21041 Physics in Entertainment and the Arts Laboratory (1)	
Additional LER courses	6
<i>Courses must be selected from two categories, above. COMM 15000 Introduction to Human Communication and PHIL 11009 Principles of Thinking may also be taken within this category.</i>	
Diversity Requirement	
<i>Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER; the second course may be taken as a second LER, within a minor or as a general elective. A complete list of diversity courses is on Pages 89-91.</i>	
III. Writing-Intensive Course Requirements	
<i>Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this concentration with IHS 44091. A complete list of writing-intensive courses is on Pages 93-95.</i>	

IV. Major Requirements	30
IHS * 44091 Professional Seminar in Integrated Health Studies	3
RIS 34083 Sectional Anatomy in Medical Imaging	3
44031 Patient Management in MRI	3
44032 MRI Procedures	3
44034 MR Equipment and Image Acquisition	3
44035 MRI Clinical Education I	3
44036 MRI Clinical Education II	3
44037 MRI Clinical Education III	3
44083 Pathophysiology for Medical Imaging	3
44098 Research in Medical Imaging	3
V. Upper-Division Electives	9
OPTION I	
Additional Requirements . . . . .	.54
Technical requirements in radiologic technology 54	
<i>See requirements under the A.A.S. in radiologic technology program in this Catalog.</i>	
<hr/> <hr/>	
TOTAL	131-132
OPTION III	
Additional Requirements . . . . .	.44
COMT 11000 Introduction to Computer Systems	3
Associate of Technical Studies in Radiologic Technology	32
Lower-division electives	9
<hr/> <hr/>	
TOTAL	121-122

*Course fulfills writing-intensive requirement.

Nuclear Medicine Technology Concentration

Students eligible for Options I, II or III may enroll in the nuclear medicine technology (NMT) concentration.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	37-42
<i>A complete list of liberal education requirement (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	
Choose from the following: 3-4	
MATH 11009 Modeling Algebra (4)	
11010 Algebra for Calculus (3)	
11011 College Algebra (4)	

Humanities and Fine Arts9

Minimum one course from humanities category and minimum one course from fine arts category.

Social Sciences

Must be selected from two curricular areas.

PSYC 11762 General Psychology3
 Social sciences LER course3

Basic Sciences7-11

Students must choose the required courses for their option.

Option I or III

CHEM 10050 Fundamentals of Chemistry3
 Basic sciences LER course3
 Choose from the following:1
 CHEM 10031 Chemistry in Our World Laboratory (1)
 PHY 21041 Physics in Entertainment and the Arts Laboratory (1)
7

Option II

BSCI 20020 Biological Structure and Function5
 Choose one group from the following:5-6
 CHEM 10054 General and Elementary Organic Chemistry (5)
 or
 CHEM 10050 Fundamentals of Chemistry (3)
 10052 Introduction to Organic Chemistry (2)
 10053 Inorganic and Organic Laboratory (1)
10-11

Additional LER courses6

Courses must be selected from two categories, above. COMM 15000 Introduction to Human Communication and PHIL 11009 Principles of Thinking may also be taken within this category.

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER; the second course may be taken as a second LER, within a minor or as a general elective. A complete list of diversity courses is on Pages 87-89.

III. Writing-Intensive Course Requirements

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this concentration with IHS 44091. A complete list of writing-intensive courses is on Pages 93-95.

V. Major Requirements39

IHS * 44091 Professional Seminar in Integrated Health Studies3
 RIS 44001 Patient Management in Nuclear Medicine2
 44002 Nuclear Medicine Procedures I3
 44005 Nuclear Medicine Clinical Education I3
 44006 Nuclear Medicine Physics & Instrumentation I4
 44010 Nuclear Medicine Clinical Education II3

44011 Nuclear Medicine Radiopharmacy3
 44012 Nuclear Medicine Procedures II3
 44014 Nuclear Medicine Physics & Instrumentation II2
 44015 Nuclear Medicine Clinical Education III2
 44016 Nuclear Medicine Procedures III3
 44017 Nuclear Medicine Radiation Safety3
 44020 Nuclear Medicine Clinical Education IV2
 44098 Research in Medical Imaging3

OPTION I

Additional Requirements54

Technical requirements in radiologic technology54
 See requirements under the A.A.S. in radiologic technology program in this Catalog.

TOTAL 131-132

OPTION II

Additional Requirements41

COMT 11000 Introduction to Computer Systems3
 HED 14020 Medical Terminology3
 Associate of Science electives or freshman entry35

TOTAL 121-123

OPTION III

Additional Requirements44

COMT 11000 Introduction to Computer Systems3
 Associate of Technical Studies in Radiologic Technology32
 Lower-division electives9

TOTAL 121-122

*Course fulfills writing-intensive requirement.

Radiation Therapy Concentration

Students eligible for Options I, II or III may enroll in the radiation therapy (RTH) concentration.

I. General College or University Requirements1

US 10097 First Year Colloquium1

II. Liberal Education Requirements37-41

A complete list of liberal education requirement (LER) courses is on Pages 85-87.

Composition

ENG 11011 College Writing I3
 21011 College Writing II3

Mathematics and Critical Reasoning

Choose from the following:	3-4
MATH 11009 Modeling Algebra (4)	
11010 Algebra for Calculus (3)	
11011 College Algebra (4)	

Humanities and Fine Arts 9

Minimum one course from humanities category and minimum one course from fine arts category.

Social Sciences

Must be selected from two curricular areas.

PSYC 11762 General Psychology	3
Social sciences LER course	3

Basic Sciences 7-10

Students must choose the required courses for their option.

Option I or III

CHEM 10050 Fundamentals of Chemistry	3
Basic sciences LER course	3
Choose from the following:	1
CHEM 10031 Chemistry in Our World Laboratory (1)	
PHY 21041 Physics in Entertainment and the Arts Laboratory (1)	7

Option II

BSCI 20020 Biological Structure and Function	5
PHY 13001 General College Physics I	5
	10

Additional LER courses

COMM 15000 Introduction to Human Communications	3
MATH 11012 Intuitive Calculus	3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER; the second course may be taken as a second LER, within a minor or as a general elective. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Course Requirements

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this concentration with IHS 44091. A complete list of writing-intensive courses is on Pages 93-95.

IV. Major Requirements 42

IHS * 44091 Professional Seminar in Integrated Health Studies	3
RIS 34003 Radiation Therapy Principles/Practice I	3
34004 Radiation Therapy Patient Management	3
34008 Radiation Therapy Physics I	3
34030 Radiation Therapy Clinical Education I	1
34083 Sectional Anatomy in Medical Imaging	3
44013 Radiation Therapy Principles/Practice II	3
44018 Radiation Therapy Physics II	3

44026 Radiation Therapy Pathology	3
44028 Radiation Therapy Radiobiology	3
44038 Radiation Therapy Physics III	3
44040 Radiation Therapy Clinical Education II	1
44041 Radiation Therapy Quality Management	2
44043 Radiation Therapy Principles/Practice III	2
44050 Radiation Therapy Clinical Education III	1
44060 Radiation Therapy Clinical Education IV	1
44070 Radiation Therapy Clinical Education V	1
44098 Research in Medical Imaging	3

OPTION I**Additional Requirements** 54

Technical requirements in radiologic technology 54
See requirements under the A.A.S. in radiologic technology program in this Catalog.

TOTAL 134-135
OPTION II**Additional Requirements** 38

COMT 11000 Introduction to Computer Systems 3
HED 14020 Medical Terminology 3
Associate of Science electives or freshman entry 32

TOTAL 121-122
OPTION III**Additional Requirements** 41

COMT 11000 Introduction to Computer Systems 3
Associate of Technical Studies in Radiologic Technology 32
Lower-division electives 6

TOTAL 121-122

*Course fulfills writing-intensive requirement.

ASSOCIATE 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 degree, entering the university in the Fall Semester 1980 or later with freshman standing, also must complete First Year Colloquium (US 10097), a 1-hour course.

To graduate, students must attain a minimum cumulative GPA 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 GPA in the technical courses.

If students are required to take additional coursework to raise the GPA in the technical core to 2.00, the course(s) will be selected in consultation with the program advisor and approved prior to regis-

tration. It is required that such coursework be in the technical area. Candidates for the Applied Science in Nursing degree must attain a grade of at least C (2.0) in each nursing, biology, chemistry and nutrition course. Candidates in the applied science early childhood education program must attain a C (2.0) grade in every technical course.

Program Requirements

Before or upon completion of 32 semester hours, associate 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' advisors and a copy returned to the Student Services office.

Requests for adjustments in program requirements must be approved prior to enrolling in a course that 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 degree must complete either the first 45 or final 15 hours of their programs at Kent State University 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 degrees, students must be in good academic standing and enrolled officially for a first, or primary, associate degree. Students may qualify to receive a concurrent associate 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: obtain advising from a faculty member in each degree program; complete a Program Requirement Sheet for each program; and receive approval from the Office of the Executive Dean 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, baccalaureate or graduate degree and wish to pursue an associate 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, DANTES, 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 also is presented in another section of this *Catalog*. Briefly, however, associate degree students may earn no more than 15 semester hours through a combination of advanced placement, CLEP and Credit-By-Examination toward their degrees. Noncredit-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 prior approval of the campus dean if they intend to apply this work toward an associate degree. Only coursework earning a grade of C (2.0) or better will be considered for transfer to Kent State University. Neither the GPA nor the grades earned are used in computing the Kent State GPA.

Correspondence Course Credit

Kent State does not offer correspondence courses. Up to 6 semester hours of correspondence coursework from an accredited institution will be accepted toward an associate degree; however, each course must carry a grade of at least C and be applicable to the student's associate degree program. Correspondence credit does not count toward the residency requirement.

Graduation

Associate degrees are conferred at each Regional Campus at the end of the academic term in which all requirements are successfully completed. Commencement ceremonies are typically held at the end of each academic year.

Application for Graduation

Graduation applications, information and deadline dates may be obtained from the Student Services office at each Regional Campus. Application for graduation may also be completed on the Web

(at www.kent.edu/regional/students/graduation.cfm), printed and taken to the Student Services office. Completed application forms are to be returned by the deadline to that office. If students do not complete the proper application process, the degree will not be granted until the next term, however; it will be necessary for the student to reapply.

Graduation with Distinction

Candidates for associate degrees who demonstrate high levels of scholarship through their coursework will graduate with distinction. "With Distinction" is awarded when students achieve a GPA 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' GPA (which should be unadjusted by the application of the Academic Forgiveness Policy, Course Repeat Policy or Rule for Recalculation of First-Year Grade Point Average), will be used in determining "With Distinction."

ASSOCIATE DEGREES OFFERED AT EACH CAMPUS

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

ASHTABULA CAMPUS

Associate of Arts

Justice Studies

Associate of Science

Associate of Applied Business

Accounting Technology

Business Management Technology

Computer Technology

Information Technology for Administrative Professionals

Associate of Applied Science

Aviation Maintenance Technology

Early Childhood Education Technology

Electrical/Electronic Engineering Technology

Human Services Technology

Mechanical Engineering Technology

(Integrated Manufacturing)

Nursing

Occupational Therapy Assistant Technology

Physical Therapist Assistant Technology

Radiologic Technology

Associate of Technical Study—Category A

EAST LIVERPOOL CAMPUS

Associate of Arts

Justice Studies

Associate of Science

Associate of Applied Business

Accounting Technology

Business Management Technology

Computer Technology

Associate of Applied Science

Legal Assisting Technology

Nursing

Occupational Therapy Assistant Technology

Physical Therapist Assistant 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 Applied Science

Computer Design and Animation Engineering Technology
(most coursework)

Electrical/Electronic Engineering Technology (most
coursework)

Horticulture Technology

Nursing

Associate of Technical Study—Category A

Associate of Technical Study—Category B

Emergency Medical Services Technology

Industrial Trades Technology

KENT CAMPUS

Although the degree is conferred at a Regional Campus offering the program, coursework for the following degrees is available at the Kent Campus through the College of Technology.

Associate of Applied Business

Accounting Technology

Business Management Technology

Computer Technology

Associate of Applied Science

Computer Design and Animation Engineering Technology

Engineering of Information Technology

Manufacturing Engineering Technology

SALEM CAMPUS

Associate of Arts

Justice Studies

Associate of Science

Associate of Applied Business

Accounting Technology (most coursework)

Business Management Technology

Computer Technology

Information Technology for Administrative Professionals

Associate of Applied Science

- Early Childhood Education Technology
- Horticulture Technology
- Human Services Technology
- Radiologic Technology

Associate of Technical Study—Category A

Associate of Technical Study—Category B

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

STARK CAMPUS

Associate of Arts

- Justice Studies
- Kent Stark/Stark State combined

Associate of Science

- Kent Stark/Stark State combined

TRUMBULL CAMPUS

Associate of Arts

- Justice Studies

Associate of Science

Associate of Applied Business

- Accounting Technology
- Business Management Technology
- Computer Technology
- Information Technology for Administrative Professionals

Associate of Applied Science

- Electrical/Electronic Engineering Technology
- Environmental Technology
- High Technology Manufacturing Technology
- Legal Assisting Technology
- Manufacturing Engineering Technology
- Mechanical Engineering Technology
(Integrated Manufacturing)
- Plastics Manufacturing Engineering 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

- Justice Studies

Associate of Science

Associate of Applied Business

- Accounting Technology
- Business Management Technology
- Computer Technology
- Information Technology for Administrative Professionals

Associate of Applied Science

- Computer Design and Animation Engineering Technology
- Early Childhood Education Technology
- Electrical/Electronic Engineering Technology
- Engineering of Information Technology
- Mechanical Engineering Technology
(Integrated Manufacturing)
- Nursing
- Plastics Manufacturing Engineering Technology
- Systems (Industrial) Engineering Technology
- Veterinary Technology

Associate of Technical Study—Category A

ASSOCIATE DEGREE CURRICULA

The following curricula list requirements for each associate 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: they may serve as freshman- and sophomore-year programs for students who are planning to complete a bachelor's degree program; they may serve as degrees unto themselves for students who want to obtain a general education by sampling a variety of different subject areas; they may advance students' careers or provide job retraining; and 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 advisors in the selection of their courses prior to the beginning of each semester.*

The following meets the minimum requirements for each degree:

I. General College or University Requirement	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements (see Pages 85-87)	36-37
Composition	6
Mathematics and Critical Reasoning	3
Humanities and Fine Arts	9
Social Sciences	6
Basic Sciences	6-7
Additional LER Courses	6
III. Electives	24
TOTAL	61-62

Regional Campuses

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 LER list (see Pages 85-87 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 Arts in Justice Studies

Specialized advising sheets are available at selected campuses for the Associate of Arts in Justice Studies.

Associate of Arts/Science Kent Stark/Stark State

Specialized advising sheets are available at the Stark Campus for Associate of Arts and Associate of Science degrees which combine certain courses from Stark State with Kent courses.

A.A.B in Accounting Technology

The Associate of Applied Business in Accounting Technology provides students with a broad range of practical accounting and communication skills and teamwork experience. These combined skills prepare students for immediate entry into the accounting technology field in numerous environments including manufacturing, retail, service and governmental organizations. Requirements articulate with the Accounting Technology certificate; contact an advisor for more information. This major is accredited by the Association of Collegiate Business Schools and Programs (ACBSP), 7007 College Blvd., Suite 420, Overland Park, KS 66211, 913-339-9356, www.acbsp.org. The degree is available at the Ashtabula, East Liverpool, Trumbull and Tuscarawas campuses. Most of the courses for this major are available at the Geauga and Salem campuses.

I. TECHNICAL COURSES . . . . .	.29-30
ACTT 11000 Accounting I—Financial	4
11001 Accounting II—Managerial	4
20012 Accounting Software Applications	3
21000 Accounting III—Financial	3
21003 Fundamentals of Tax Preparation	3
21063 Introduction to Cost Accounting	3
BMRT 11000 Introduction to Business	3
Technical electives*	6-7

II. RELATED COURSES . . . . .	.15
BMRT 21000 Business Law and Ethics I	3
COMT 11000 Introduction to Computer Systems	3
ECON 22060 Principles of Microeconomics	3
22061 Principles of Macroeconomics	3
Choose from the following:	3
ENG 20002 Introduction to Technical Writing (3)	
ITAP 26638 Business Communications (3)	
III. GENERAL STUDIES COURSES . . . . .	.17
COMM 15000 Introduction to Human Communication	3
ENG 11011 College Writing I	3
21011 College Writing II	3
MATH 11011 College Algebra	4
US 10097 First Year Colloquium	1
General studies electives	3
<i>Choose from the LER list on Pages 85-87, in consultation with an academic advisor.</i>	
TOTAL	61-62

**Students desiring to maximize credit application to a B.B.A. degree may substitute MATH 11012 or 10041 for their technical electives.*

A.A.B. in Business Management Technology

The Associate of Applied Business in Business Management Technology provides students with a core consisting of written and oral communication skills, management skills, accounting, marketing, e-commerce, economics and liberal arts courses. In addition, the program offers technical options that allow students to specialize in marketing/sales, entrepreneurship/small business, manufacturing management and general business management. In some cases, students may have the opportunity to participate in internships, which help to link theory with hands-on practice. Requirements articulate fully or in part with the Business Management, Entrepreneurship and Manufacturing Management certificates; contact an advisor for more information. This major is accredited by the Association of Collegiate Business Schools and Programs (ACBSP), 7007 College Blvd., Suite 420, Overland Park, KS 66211, 913-339-9356, www.acbsp.org. The degree is available at the Ashtabula, East Liverpool, Salem, Trumbull and Tuscarawas campuses. Most of the courses in this major are available at the Geauga Campus and the Kent Campus through the College of Technology.

I. TECHNICAL COURSES . . . . .	.28
ACTT 11000 Accounting I: Financial	4
BMRT 11000 Introduction to Business	3
11009 Introduction to Management Technology	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
II. RELATED COURSES	12
BMRT 21000 Business Law and Ethics I	3
ECON 22060 Principles of Microeconomics	3
Computer Literacy Module	
Choose from the following:	3
COMT 11000 Introduction to Computer Systems (3)	
21010 Workgroup Productivity Software (3)	
ITAP 16620 Word Processing I (3)	
16639 Database Applications (3)	
Business Communications Module	
Choose from the following:	3
ENG 20002 Introduction to Technical Writing (3)	
30063 Business and Professional Writing (3)	
ITAP 26638 Business Communications (3)	
III. GENERAL STUDIES COURSES	16-17
COMM 15000 Introduction to Human Communication	3
ENG 11011 College Writing I	3
21011 College Writing II	3
US 10097 First Year Colloquium	1
LER course	3
Computation/Mathematics Module	
Choose from the following:	3-4
BMRT*11006 Business Computations (3)	
MATH 11011 College Algebra (4)	
IV. SELECT ONE TECHNICAL CONCENTRATION (see below):	7-11
<i>In consultation with advisor.</i>	
TOTAL	63-68

*Course not applicable to the B.B.A.

Computer Applications Concentration

COMT 11006 Introduction to Web Site Technology	3
12000 Personal Productivity Software	3
21010 Workgroup Productivity Software	3
9	

General Business Management Concentration

Concentration includes Entrepreneurship and Manufacturing.

Before enrolling or applying credit, obtain approval of full-time business management faculty.

7-9

Information Technology Concentration

ITAP 16620 Word Processing I	3
16625 Business Presentations	2
16639 Database Applications	3
26611 Spreadsheet Applications	3
11	

Marketing/Sales Concentration

BMRT 21051 Fundamentals of Retailing	3
21053 Advertising in Business	3
Choose from the following:	1-3
BMRT 21055 Retail Merchandising (3)	
21056 Principles of Visual Display (3)	
21092 Internship in Management Technology (1-3)	
7-9	

A.A.B. in Computer Technology

The Associate of Applied Business in Computer Technology provides students with a core consisting of programming, operating systems and networks, Web site development and workgroup productivity technologies. Students may choose from concentrations in specific areas including networking, applications development and Internet/multimedia technologies. These concentrations allow students to focus their studies and begin to prepare for various professional certifications. There is also a general concentration that prepares students for positions in small- and medium-sized organizations that require computer staff to perform a wide variety of technical duties. In addition, the concentrations may articulate fully or in part with available certificates in microcomputer applications, database administrator and advanced Internet; please contact an advisor for more information. This major is accredited by the Association of Collegiate Business Schools and Programs (ACBSP), 7007 College Blvd., Suite 420, Overland Park, KS 66211, 913-339-9356, www.acbsp.org. The degree is available at the Ashtabula, East Liverpool, Geauga, Salem, Trumbull and Tuscarawas campuses with courses available at the Kent Campus through the College of Technology.

I. TECHNICAL CORE COURSES .23

COMT 11002 Visual Basic Programming	3
11005 Introduction to Operating Systems and Networking Technology	3
11006 Introduction to Web Site Technology	3
11009 Computer Assembly and Configuration	4

Regional Campuses

21002 Network Setup and Configuration	4
21009 Seminar in Computer Technology	3
21010 Workgroup Productivity Software	3

II. RELATED COURSES13-14

COMT 12000 Personal Productivity Software	3
MATH 11011 College Algebra	4

Section A

Choose from the following:	3
BMRT 11000 Introduction to Business (3)	
COMT 11004 Survey of Information Technology (3)	
ECON 22060 Principles of Microeconomics (3)	
22061 Principles of Macroeconomics (3)	

Section B

Choose from the following:	3-4
ACTT 11000 Accounting I: Financial (4)	
11001 Accounting II: Managerial (4)	
COMT*11000 Introduction to Computer Systems (3)	
MATH 11012 Intuitive Calculus (3)	

III. GENERAL STUDIES COURSES16

COMM 15000 Introduction to Human Communication	3
ENG 11011 College Writing I	3
US 10097 First Year Colloquium	1
Choose from the following:	3
ENG 20002 Introduction to Technical Writing (3)	
ITAP 26638 Business Communications (3)	
LER courses	6

IV. SELECT ONE TECHNICAL CONCENTRATION (see below):9-10

In consultation with advisor.

TOTAL	61-63
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*COMT 11000 may only be applied toward this degree if taken prior to any other COMT course offering.

Application Development Technology Concentration

COMT 21005 Visual Basic Database Programming	4
Choose from the following:	6
COMT 20001 C++ Programming (3)	
20011 JAVA Programming (3)	
TECH 21036 Web Scripting (3)	

10

Internet/Multimedia Technology Concentration

COMT 21011 Techniques of Multimedia Web Design	3
Computer-related elective (COMT faculty approval required)	3
Choose from the following:	3
COMT 21007 Internet Ethics and Policies (3)	

21036 Web Scripting I (3)	9
---------------------------	---

Network Technology Concentration

COMT 21100 Local Area Network Troubleshooting	3
21110 Internetworking	3
Computer-related elective (COMT faculty approval required)	3

9

General Technology Concentration

Computer-related electives (COMT faculty approval required)	9
---	---

9

A.A.B. in Information Technology for Administrative Professionals

The Associate of Applied Business in Information Technology for Administrative Professionals provides students with the opportunity to learn current business developments that shape administrative functions. Students use the most current versions of business software applications including word processing, spreadsheets, desktop publishing and visual presentations. In addition, students learn the fundamentals of accounting, automated records management, business communications and resource management. Requirements articulate fully with the Desktop Publishing certificate; contact an advisor for more information. This major is accredited by the Association of Collegiate Business Schools and Programs (ACBSP), 7007 College Blvd., Suite 420, Overland Park, KS 66211, 913-339-9356, www.acbsp.org. The degree is available at the Ashtabula, Salem, Trumbull and Tuscarawas campuses.

I. TECHNICAL COURSES29

ITAP 16620 Word Processing I	3
16621 Word Processing II	3
16625 Business Presentations	2
16636 Data Management for Admin. Professionals	3
16639 Database Applications	3
26611 Spreadsheet Applications	3
26622 Desktop Publishing I	3
26623 Desktop Publishing II	3
26635 Administrative Resource Management	3
26636 Project Management for Admin. Professionals	1
26691 Seminar for Administrative Professionals	2

II. RELATED COURSES16

ACTT 11000 Accounting I: Financial	4
BMRT*11006 Business Computations I	3
COMT 11005 Introduction to Operating Systems and Networking Technology	3

Choose from the following:	.6
BMRT 11000 Introduction to Business (3)	
COMT**11000 Introduction to Computer Systems (3)	
11004 Survey of Information Technology (3)	
11006 Introduction to Web Site Technology (3)	
21007 Internet Ethics and Policies (3)	
21011 Techniques of Multimedia Web Design (3)	
III. GENERAL STUDIES COURSES	.16
COMM 15000 Introduction to Human Communication	.3
ENG 11011 College Writing I	.3
ITAP 26638 Business Communications	.3
US 10097 First Year Colloquium	.1
LER electives	.6
TOTAL	61

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

***This course may be applied as a related elective if taken prior to or concurrently with any other COMT or ITAP offering.*

B.S. in Integrated Business Education

Students interested in a four-year degree in integrated business education should follow the program outlined under Career Technical Teacher Education in the College of Education, Health, and Human Services section of this Catalog.

A.A.S. Aviation Maintenance Technology

Aviation Maintenance Technology provides students with the knowledge, skills and experience necessary to become an aircraft technician. Coursework meets Federal Aviation Administration (FAA) training requirements and qualifies graduates to sit for FAA examinations to become a certified Airframe and Powerplant technician. Topics include aircraft structures, aircraft power systems, aviation electronics and hydraulic systems. Students interested in this program must meet with an advisor prior to admission to the major. This degree is available at the Ashtabula Campus.

I. TECHNICAL COURSES	.39
AMRT 10010 FAA Regulations and Documentation	.2
10020 Aircraft Tools and Techniques	.2
10030 Airframe I	.3
10040 Aviation Power Plant I	.4
20010 Airframe II	.3
20020 Airframe III	.2

20030 Aviation Electronics	.3
20040 Principles of Flight	.3
20050 Practicum in Advanced Aviation	.2
20060 Aviation Power Plant II	.2
EERT 12000 Electric Circuits I	.4
12001 Electric Circuits II	.3
MERT 12005 Properties of Materials	.3
22012 Fluid Power	.3
II. RELATED COURSES	.15
MATH 19001 Technical Math I	.4
19002 Technical Math II	.4
PHY 12201 Technical Physics I	.3
12202 Technical Physics II	.4
III GENERAL STUDIES COURSES	.13
COMM 15000 Introduction to Human Communication	.3
ENG 11011 College Writing I	.3
20002 Introduction to Technical Writing	.3
SOC 12050 Introduction to Sociology	.3
US 10097 First Year Colloquium	.1
TOTAL	67

A.A.S. in Computer Design and Animation Engineering Technology

The Associate of Applied Science in Computer Design and Animation Engineering Technology provides students with coursework in design, animation and virtual reality. Computer-aided design (CAD) is used throughout the program for computer modeling and multimedia development. This program prepares students for entry-level positions as drafter/designer technicians in engineering and manufacturing industries, as well as in the field of multimedia development. This major articulates with the Computer-Aided Drafting certificate and the technology 2+2 baccalaureate degree; please contact an advisor for more information. This program is available at the Tuscarawas Campus, with coursework available at the Geauga Campus, and Kent Campus through the College of Technology.

I. TECHNICAL COURSES	.19
CADT 22000 Advanced CAD	.2
22001 CAD: Architecture	.2
22002 CAD: Civil Applications	.2
EERT 22014 Microprocessors and Robotics	.4
IERT 12005 Applications in CAD	.2
MERT 12000 Engineering Drawing	.3
12001 Computer-Aided Drafting	.4
II. SPECIALTY COURSES	.13
CADT 22003 Solid Modeling	.2
22004 Computer Animation	.3
22005 Multimedia and Virtual Reality	.2

Regional Campuses

COMT 21010	Workgroup Productivity Software	3
21095	Special Topics: Object-Oriented Language	3
III. RELATED COURSES		.20
BMRT 11000	Introduction to Business	3
EERT 22003	Technical Computing	3
IERT 22006	Economic Decision Analysis	3
MATH 11011	College Algebra	4
11012	Intuitive Calculus	3
11022	Trigonometry	2
	Choose from the following:	2
COMT 21092	Computer Practicum (2)	
IERT 22095	Special Topics: Productivity Software (2)	
IV. GENERAL STUDIES COURSES		.13
COMM 15000	Introduction to Human Communication	3
EERT 21010	Engineering and Professional Ethics	3
ENG 11011	College Writing I	3
US 10097	First Year Colloquium	1
	Choose from the following:	3
ENG 20002	Introduction to Technical Writing (3)	
ITAP 26638	Business Communications (3)	
	TOTAL	65

A.A.S. in Early Childhood Education Technology

The Associate of Applied Science in Early Childhood Education Technology (ECET) is offered at the Ashtabula, Salem and Tuscarawas campuses. A minimum of 2.00 GPA (C grade) is required in each technical course and a minimum 2.00 cumulative GPA is required for graduation. Students who successfully complete this program are eligible to apply for Ohio's associate degree preschool license.

The coursework for this associate degree also is fully applicable to the baccalaureate degree in early childhood education at either the Kent or Salem campuses, although completion of the associate degree does not guarantee admission to the baccalaureate program. Students who wish to be admitted to the baccalaureate degree program at the Kent Campus need to check the Early Childhood Education section under the College of Education, Health, and Human Services for admission requirements and other information about this selective admission program.

The baccalaureate program at Kent State Salem is also selective, following standards established at the Kent Campus. To be considered for admission, students must meet all professional requirements for admission to advanced study, have a minimum cumulative 2.75 GPA in all previous Kent State undergraduate coursework and have completed the ECET associate degree. The most qualified applicants will be accepted based upon the num-

ber of available student spaces and consideration of the student's standardized test scores, cumulative GPA, written essay and interview.

For information about the Kent State Salem baccalaureate program, students should contact the Kent State Salem program director for early childhood education the semester before beginning the associate degree student-teaching experience. Because there are limited spaces available, meeting the minimum criteria listed above does not guarantee admission to the program. Students who successfully complete the baccalaureate curriculum are eligible to apply for an Ohio license, valid for teaching children in preschool through grade three.

I. TECHNICAL COURSES		.38
ECED 10120	Introduction to Early Childhood	2
20163	Understanding Young Children:	
	Typical and Atypical	3
ECET 21005	Partnerships in Child Guidance	3
21010	Infant/Toddler Curriculum and Services	3
22000	Preschool Curriculum	3
22130	Emerging Literacy	3
22140	Student Teaching Seminar	3
22150	Student Teaching	6
EDPF 29525	Educational Psychology	3
29535	Education in a Democratic Society	3
ITEC 19525	Educational Technology	3
SPED 23000	Introduction to Exceptionalities	3
II. RELATED COURSES		.14
MATH 14001	Basic Mathematics Concepts I	4
14002	Basic Mathematics Concepts II	4
PSYC 11762	General Psychology	3
	Choose from the following:	3
SOC 12050	Introduction to Sociology (3)	
22778	Social Problems (3)	
III. GENERAL STUDIES COURSES		.16
COMM 15000	Introduction to Human Communication	3
ENG 11011	College Writing I	3
21011	College Writing II	3
US 10097	First Year Colloquium	1
	Basic science elective (select from LER list)	3
	Humanities or fine arts elective (select from LER list)	3
	TOTAL	68

A.A.S. in Electrical/Electronic Engineering Technology

The Associate of Applied Science in Electrical/Electronic Engineering Technology provides students with a core of engineering-related courses and a focus on digital and electronic

systems, robotics, microsystems and the design/development of electrical and electronic circuits. Computer and general options are available which allow students to further specialize; adjustments to optional course requirements may be made by a faculty advisor based upon student need and course availability. Requirements articulate with the technology 2+2 baccalaureate degree. This major is available at the Ashtabula, Trumbull and Tuscarawas campuses with most coursework available at the Geauga Campus.

*Tuscarawas students must take EERT 21010 as the general studies elective.

A.A.S. in Engineering of Information Technology

The Associate of Applied Science in Engineering of Information Technology provides students with a core of engineering-related courses and a focus on digital/electronic systems, robotics, microsystems, fiber optics, network engineering and electronic communications. Skills obtained in this program prepare students for positions dealing with designing and troubleshooting information acquisition, storage, processing, conversion, transmission and display systems. This major is available at the Tuscarawas Campus with most courses available at the Kent Campus through the College of Technology.

I. TECHNICAL COURSES37-38

EERT 12000 Electric Circuits I 4
 12001 Electric Circuits II 3
 12010 Introduction to Electronics 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

Choose from the following: 3

EERT 22002 Industrial Controls (3)
 22005 Instrumentation (3)

Select one option 5-6

General Option

Choose from the following: 5

EERT 12005 Electrical/Electronic Drawing (2)
 22006 Electrical Machines (3)
 22013 Industrial Electronics (3)

IERT 12005 Applications in CAD (2)

Computer Option

COMT 21008 Computer Methods in Sci. and Eng 3

EERT 22015 Robotics and Advanced Micro-Systems 3

II. RELATED COURSES*19

EERT 22003 Technical Computing 3

MATH 11011 College Algebra 4
 11012 Intuitive Calculus 3
 11022 Trigonometry 2

PHY 12201 Technical Physics I 3
 12202 Technical Physics II 4

III. GENERAL STUDIES COURSES *13

COMM 15000 Introduction to Human Communication 3

ENG 11011 College Writing I 3

US 10097 First Year Colloquium 1

LER social sciences or humanities electives 3

Choose from the following: 3

ENG 20002 Introduction to Technical Writing (3)

ITAP 26638 Business Communications (3)

TOTAL 69-70

I. TECHNICAL COURSES38

COMT 21095 Special Topics: Object-Oriented Language 3

EERT 12000 Electric Circuits I 4
 12001 Electric Circuits II 3
 22000 Electricity/Electronics with Applications 3
 22004 Digital Systems 3
 22017 Applied Engineering Software 3
 22018 PC Network Engineering 3

EIRT 22030 Survey of Information Technology 3
 22032 PC Network Engineering II 3
 22033 Fiber Optics Technology 2

IERT 12005 Applications in CAD 2

MERT 12000 Engineering Drawing 3

TECH 33223 Electronic Communication 3

II. RELATED COURSES IN MATHEMATICS AND PHYSICS19

EERT 22003 Technical Computing 3

MATH 11011 College Algebra 4
 11012 Intuitive Calculus 3
 11022 Trigonometry 2

PHY 12201 Technical Physics I 3
 12202 Technical Physics II 4

III. COMMUNICATION AND GENERAL STUDIES COURSES13

COMM 15000 Introduction to Human Communication 3

EERT 21010 Engineering and Professional Ethics 3

ENG 11011 College Writing I 3

US 10097 First Year Colloquium 1

Choose from the following: 3

ENG 20002 Introduction to Technical Writing (3)

ITAP 26638 Business Communications (3)

TOTAL 70

A.A.S. in Environmental Technology

The Associate of Applied Science in Environmental Technology provides students with a working knowledge of the source, nature and scope of conditions that are or could be hazardous to the environment. Topics include toxic waste, occupational safety, pollution and industrial hygiene. In addition to the environmental core, students complete selected basic science and appropriate liberal education courses. Students interested in continuing their studies at the baccalaureate level should consult with an advisor. This major is available at the Trumbull Campus.

I. TECHNICAL COURSES	.34
COMT 11000 Introduction to Computers	.3
ENVT 10001 Introduction to Environmental Technology	.3
10004 Toxicology	.3
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
Choose from the following (<i>consult with advisor</i>):	.6
ENVT 20006 Fire Prevention and Control (3)	
20020 Hazardous Waste Operations and Emergency Response (3)	
22095 Special Topics in Environmental Technology (3)	
JUS 22301 The Investigative Process (3)	
II. RELATED COURSES	.17
BSCI 10110 Biological Diversity	.4
10120 Biological Foundations	.4
CHEM 10053 Inorganic and Organic Laboratory	.1
10054 General and Elementary Organic Chemistry	.5
GEOG 21062 Environmental Geology	.3
III. GENERAL STUDIES COURSES	.17
ENG 11011 College Writing I	.3
21011 College Writing II	.3
GEOG 21062 Physical Geography	.3
MATH 11011 College Algebra	.4
US 10097 First Year Colloquium	.1
General studies elective	.3
<i>Select from the LER humanities or social sciences list in this Catalog.</i>	
TOTAL	68

A.A.S. in High Technology Manufacturing

The Associate of Applied Science in High Technology Manufacturing provides students with a solid foundation in mathematics, chemistry and electronics, and then introduces topics in semiconductor manufacturing and photonics. Students gain an understanding of the complete process of taking silicon from its raw state, fashioning it into wafers, manufacturing integrated circuits on the wafers and finally testing the integrated circuit to determine if it performs to the specifications set for the product. Students will learn the application and use of lasers, lightwave communications and optoelectronic devices. This major is available at the Trumbull Campus.

I. TECHNICAL COURSES	.23
EERT 12000 Electric Circuits I	.4
12001 Electric Circuits II	.3
12005 Electrical/Electronic Drawing	.2
12010 Introduction to Electronics	.3
22003 Technical Computing	.3
22004 Digital Systems	.3
22011 Electronic Systems	.3
HTMT 13600 Electronic Materials	.2
II. RELATED COURSES	.16
MATH 12001 Algebra and Trigonometry	.4
12002 Analytical Geometry and Calculus I	.5
PHY 12201 Technical Physics I	.3
12202 Technical Physics II	.4
III. GENERAL STUDIES COURSES	.18
CHEM 10060 General Chemistry I	.4
10062 General Chemistry I Laboratory	.1
COMM 15000 Introduction to Human Communication	.3
ENG 11011 College Writing I	.3
20002 Introduction to Technical Writing	.3
US 10097 First Year Colloquium	.1
LER course	.3
IV. SELECT ONE TECHNICAL CONCENTRATION (see below):	.14-15
TOTAL	71-72

General Concentration

EERT 23000 Sensors	.2
Courses from photonics concentration	.6
Courses from semiconductor concentration	.6
<i>(With EERT faculty advisor approval.)</i>	

Photonics Concentration

HTMT 13601	Introduction to Photonics and Fiber Optics	. . . . .	3
13602	Introduction to Lasers	. . . . .	3
13603	Laser and Electro-Optic Components and Devices	. . . . .	3
23603	Light Sources and Wave Optics	. . . . .	3
* 23607	Laser Technology: Applications or Special Topics	. . . . .	3
			15

Semiconductor Concentration

EERT 22002	Industrial Controls	. . . . .	3
HTMT 23600	Semiconductor Manufacturing Process I	. . . . .	3
23601	Semiconductor Manufacturing Process II	. . . . .	3
23602	Photolithography in IC Fabrication	. . . . .	2
23604	Vacuum System Technology	. . . . .	2
23606	Power Radio Frequency	. . . . .	2
			15

*EERT/IERT/MERT or HTMT special topics course. May be substituted with appropriate EERT/IERT/MERT or HTMT course(s). Engineering technology faculty advisor's approval is required.

A.A.S. in Horticulture Technology

The Associate of Applied Science in Horticulture Technology prepares students for careers in landscape management, turf management, tree care, nursery and greenhouse operations and related horticultural professions. In addition to a core of horticulture and basic science courses, the major provides three areas of concentration: urban forestry, landscape design and turfgrass management. The program emphasizes practical experience through hands-on training in outdoor labs and site visits to employers. Students complete two paid summer internships in their areas of concentration. This program is available at the Geauga and Salem campuses.

I. TECHNICAL COURSES			.31
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	Opportunities in Horticulture	. . . . .	1
26001	Occupational Regulations and Safety	. . . . .	2

26016	Irrigation Design and Maintenance	. . . . .	3
26018	Landscape Construction	. . . . .	3
	Technical elective	. . . . .	3
II. RELATED COURSES			.12
BMRT 11000	Introduction to Business	. . . . .	3
21052	Professional Selling Techniques	. . . . .	3
COMT 11000	Introduction to Computer Systems	. . . . .	3
GEOL 21062	Environmental Geology	. . . . .	3
III. GENERAL STUDIES COURSES			.14
COMM 15000	Introduction to Human Communication	. . . . .	3
ENG 11011	College Writing I	. . . . .	3
20002	Introduction to Technical Writing	. . . . .	3
PEB 10020	Development and Conditioning	. . . . .	1
US 10097	First Year Colloquium	. . . . .	1
	LER elective	. . . . .	3
IV. SELECT ONE TECHNICAL CONCENTRATION (see below):			.12
			TOTAL 69

Urban Forestry

Available at Salem Campus only.

HORT 26010	Arboriculture	. . . . .	3
* 26011	Cooperative Work Experience in Tree Care	. . . . .	6
26012	Urban Forestry	. . . . .	3
			12

Landscape Design

HORT 26020	Professional Landscape Management	. . . . .	3
* 26021	Cooperative Work Experience in Landscape Management	. . . . .	6
26046	Landscape Design I	. . . . .	3
			12

Turfgrass Management

HORT 26030	Turfgrass Management	. . . . .	3
* 26031	Cooperative Work Experience in Turfgrass Management	. . . . .	6
26032	Golf Course Management	. . . . .	3
			12

*Course must be taken twice.

A.A.S. in Human Services Technology

The Associate of Applied Science in Human Services Technology is designed to prepare graduates for entry-level positions in a

variety of human services agencies. The program includes applied courses in human services and joint university-agency supervised internships. The core courses provide a solid foundation in case management and client advocacy. The coursework in the associate degree is fully applicable to the Bachelor of Science in Human Development and Family Studies and articulates in part with the certificate in Child and Family Advocacy. The program is offered at the Ashtabula and Salem campuses.

I. TECHNICAL COURSES *	.36
HDFS 24011 Interpersonal Relationships and Families	3
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 Management	3
** 21092 Internship I	3
** 21192 Internship II	3
Choose from the following	9
COMT 11000 Introduction to Computer Systems (3)	
GERO 44030 Adult Development and Aging (3)	
HDFS 24012 Child Development (3)	
24013 Early Adolescence (3)	
34031 Cultural Diversity (3)	
HED 11570 Personal Health (3)	
32530 Drug Use and Misuse (3)	
32544 Human Sexuality (3)	
NUTR 23511 Nutrition Related to Health (3)	
SOC 22778 Social Problems (3)	
II. RELATED COURSES	.15
HED 14020 Medical Terminology	3
PSYC 11762 General Psychology	3
21211 Psychology of Adjustment	3
SOC 12050 Introduction to Sociology	3
Choose from the following:	3
SOC 32762 Deviant Behavior (3)	
40111 Abnormal Psychology (3)	
III. GENERAL STUDIES COURSES	.16
COMM 15000 Introduction to Human Communication	3
ENG 11011 College Writing I	3
US 10097 First Year Colloquium	1
LER social science or humanities elective	3
LER basic sciences elective	3
Choose from the following:	3
ENG 20002 Introduction to Technical Writing (3)	
21011 College Writing II (3)	

TOTAL 67

Admission includes approval of an application and remediation of deficiencies in English, reading and mathematics.

*A minimum cumulative 2.5 GPA is required in the technical courses. Overall 2.0 cumulative GPA is required for graduation.

**Minimum internship hours 135 per semester. For students who wish to obtain the Social Work Assistant Certificate, minimum internship of 300 hours per semester is required.

A.A.S. in Legal Assisting Technology

The Associate of Applied Science in Legal Assisting Technology prepares students to work as legal assistants (paralegals) under the supervision of an attorney in all areas of law and law-related practice. The program consists of legal assisting, law-related and general studies courses. This major is available at the East Liverpool and Trumbull campuses.

I. TECHNICAL COURSES	.24
LEGT 18000 Introduction 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 Advanced Legal Research and Writing	3
28007 Estate and Probate Administration	3
28008 Professional Development for Paralegals	1
II. TECHNICAL ELECTIVES	.12
Choose from the following:	12
ACTT 21003 Fundamentals of Tax Preparation (3)	
BMRT 11009 Introduction to Management Technology (3)	
21000 Business Law and Ethics I (3)	
21002 Business Law and Ethics II (3)	
ENG 20002 Introduction to Technical Writing (3)	
JUS 12000 Introduction to Justice Studies (3)	
22100 Basic Interviewing (3)	
22301 The Investigative Process (3)	
LEGT 18002 Corporate Law (3)	
18004 Tort Claims for Paralegals (3)	
18005 Employment Regulations (3)	
RERT 11000 Real Estate Principles and Practices (3)	
11001 Real Estate Law (3)	
III. RELATED COURSES	.13
ACTT 11000 Accounting I - Financial	4
BMRT 11000 Introduction to Business	3
* 11006 Business Computations I	3
COMT 11000 Introduction to Computer Systems	3
IV. GENERAL STUDIES COURSES	.19
COMM 15000 Introduction to Human Communication	3

ENG 11011 College Writing I	3
21011 College Writing II	3
US 10097 First Year Colloquium	1
Choose from the following:	3
PSYC 11762 General Psychology (3)	
SOC 12050 Introduction to Sociology (3)	
Choose from the following:	6
ECON 22060 Principles of Microeconomics (3)	
GEOG 10160 Introduction to Geography (3)	
17063 World Geography (3)	
JUS 26704 Issues in Law and Society (3)	
POL 10001 Introduction to Political Science (3)	
10004 Comparative Politics (3)	
10100 American Politics (3)	
10301 Diversity in American Public Policy (3)	
10500 World Politics (3)	
PSYC 20651 Child Psychology (3)	
21211 Psychology of Adjustment (3)	
SOC 12050 Introduction to Sociology (3)	
32400 Individual and Society (3)	
32570 Inequality in Societies (3)	
TOTAL	68

*A higher level math course may be substituted.

A.A.S. in Manufacturing Engineering Technology

The Associate of Applied Science in Manufacturing Engineering Technology provides students with knowledge and skills in the areas of computer-aided design (CAD), computer-aided manufacturing (CAM), computer numerical controlled machining (CNC), industrial controls and programmable logic controllers (PLCs). Options are available in automated machining and industrial automation. Requirements articulate with the technology 2+2 baccalaureate degree. This major is available at the Trumbull Campus; courses are available at the Kent Campus through the College of Technology.

I. TECHNICAL COURSES	35
Engineering Technology Core	
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
Industrial Automation Option	
EERT 22013 Industrial Electronics (3)	
MFGT 22014 Advanced Industrial Electronics (3)	
Automated Machining Option	
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 Introduction to Human Communication	3
ENG 11011 College Writing I	3
20002 Introduction to Technical Writing	3
MATH 12001 Algebra and Trigonometry	4
US 10097 First Year Colloquium	1
TOTAL	66

A.A.S. in Mechanical Engineering Technology

(Integrated Manufacturing)

The Associate of Applied Science in Mechanical Engineering (integrated manufacturing) Technology provides students with knowledge and skills in the manufacturing areas related to computer-controlled equipment and integrated manufacturing. Topics include drafting, CAD/CAM, materials testing and robotics applications. There are four concentrations available: general (available at the Ashtabula, Trumbull and Tuscarawas campuses); polymer and radiation polymer (available at the Ashtabula and Trumbull campuses); and systems, which is individualized and developed with the guidance of a faculty advisor (available only at the Ashtabula Campus). In addition, the concentrations may articulate fully or in part with available certificates in computer-aided drafting, plastics manufacturing and radiation polymers and the technology 2+2 baccalaureate degree. Please contact an advisor for more information.

I. TECHNICAL COURSES	20
Engineering Technology Core	
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

Regional Campuses

II. RELATED COURSES	19
EERT 22003 Technical Computing	3
MATH 11011 College Algebra	4
11012 Intuitive Calculus	3
11022 Trigonometry	2
PHY 12201 Technical Physics I	3
12202 Technical Physics II	4
III. GENERAL STUDIES COURSES *	13
COMM 15000 Introduction to Human Communication	3
ENG 11011 College Writing I	3
US 10097 First Year Colloquium	1
Social sciences or humanities electives	3
Choose from the following:	3
ENG 20002 Introduction to Technical Writing (3)	
ITAP 26638 Business Communications (3)	
IV. SELECT ONE TECHNICAL CONCENTRATION (see below):	16-19
TOTAL	68-71

General Concentration

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
TOTAL	19

Polymer Concentration

Available only at the Ashtabula and Trumbull campuses.

IERT 22000 Statistical Process Control	4
PLCT 12000 Introduction to Plastics	4
12003 Reinforced Plastics	3
12004 Properties of Plastics Materials	3
22000 Assembly and Finishing of Plastics	3
TOTAL	17

Radiation Polymer Concentration

Available only at the Ashtabula and Trumbull campuses.

IERT 22000 Statistical Process Control	4
PLCT 12000 Introduction to Plastics	4
12003 Reinforced Plastics	3
12005 Radiation Polymer Technology I	3
22006 Radiation Polymer Technology II	3
TOTAL	17

Systems Concentration

Available only at the Ashtabula Campus.

IERT 12005 Applications in CAD	2
MERT 12004 Manufacturing Processes	3
Engineering technology electives (<i>consult with advisor</i>)	11-14
TOTAL	16-19

*Tuscarawas students must take EERT 21010 as a general studies elective.

A.A.S. in Nursing

The Associate of Applied Science in Nursing is available at the Ashtabula, East Liverpool, Geauga 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 and are eligible to apply to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

The Associate Degree in Nursing program is accredited by the National League for Nursing Accrediting Commission, 61 Broadway, 33rd floor, New York, NY 10006, 212-363-5555, ext. 153, www.nlnac.org.

I. NURSING COURSES*	38
NRST 10001 Foundations of Nursing Agency	5
10002 Introduction to Nursing Process	1
10003 Nursing Agency I	6
10004 Older Adult Developmental 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 Development Self-Care	2
20210 Child and Family Development Self-Care	2
20211 Contemporary Nursing Issues	1
NURS**20950 Human Growth and Development for Health Professionals	3

II. RELATED COURSES***	17
BSCI 20020 Biological Structure and Function	5
20021 Basic Microbiology	3
20022 Basic Microbiology Lab	1
NUTR 33512 Nutrition	3
Choose from the following:	5
CHEM 10050 General Chemistry (3)	
10052 Organic Chemistry (2)	
10054 General and Elementary Organic Chemistry (5)	
III. GENERAL STUDIES COURSES****	16
ENG 11011 College Writing I	3
21011 College Writing II	3
PSYC 11762 General Psychology	3
SOC 12050 Introduction to Sociology	3
US 10097 First Year Colloquium	1
Elective*****	3
TOTAL	71

**Note 1: Minimum C (2.0) grade in theory and a designation of "passing" for performance in the clinical area must be achieved for each nursing course. A 2.0 GPA must be maintained in the nursing program. Minimum C (2.0) grade in all required courses, including related courses, general studies courses and prescribed developmental courses.*

***Note 2: Course must be completed within the past five years prior to admission to the program.*

****Note 3: Minimum C (2.0) grade in all required courses, including related courses, general studies courses and prescribed developmental courses. All related courses must be completed within the past seven years prior to admission to the program.*

*****Note 4: Minimum C (2.0) grade in all required courses, including related courses, general studies courses and prescribed developmental courses.*

******Note 5: Elective must be in the area of communication, management, computer, psychology, sociology, foreign language or LER. Permission should be obtained from the director of nursing.*

The associate degree in nursing program, Regional Campuses, reserves the right to initiate changes in the program as deemed necessary for maintaining quality nursing education.

A.A.S. in Occupational Therapy Assistant Technology

The Associate of Applied Science in Occupational Therapy Assistant Technology is offered at the East Liverpool campus. This program is fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220, 301-652-AOTA (2682), www.aota.org. With successful completion of the

program, graduates are awarded the Associate of Applied Science in Occupational Therapy Assistant Technology (OTAT) and are eligible to sit for the National Certification Examination for Occupational Therapy Assistants administered by the National Board for Certification in Occupational Therapy (NBCOT). Admission to the OTAT major requires the following: admission to the university; completion of the COMPASS test and, if necessary, recommended coursework; a minimum of 40 hours of volunteer time in at least two different occupational therapy settings; high school or college courses in algebra and general biology; and a 2.5 GPA. Students interested in the program should apply directly to the Ashtabula or East Liverpool campus and meet with the program director. Applicants not admitted directly to the OTAT program will be admitted as pre-major students. Detailed information and requirements for admission may be obtained from the Kent State Ashtabula or East Liverpool campus program offices.

I. TECHNICAL COURSES	35
OTAT 10000 Introduction 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 Disabilities	3
20005 Clinical Applications	8
II. RELATED COURSES	16
BSCI 11001 Anatomy for Physical and Occupational Therapy	5
NURS 20950 Human Growth and Development for Health Professionals	3
PSYC 21211 Psychology of Adjustment	3
PTAT 10002 Analysis of Movement	4
20001 Therapeutic Communications in Physical Therapy	1
III. GENERAL STUDIES COURSES	16
ENG 11011 College Writing I	3
21011 College Writing II	3
PSYC 11762 General Psychology	3
SOC 12050 Introduction to Sociology	3
US 10097 First Year Colloquium	1
Elective*	3
TOTAL	67

**Course must have communication or management focus.*

Note: Clinical education must be successfully completed within 18 months of the didactic coursework.

A.A.S. in Physical Therapist Assistant Technology

The Associate of Applied Science in Physical Therapist Assistant Technology program is offered at the Ashtabula and East Liverpool campuses. The program is accredited by the Commission on Accreditation in Physical Therapy Education, 1111 N. Fairfax St., Alexandria, VA 22314, 703-706-3245, www.apta.org. With the successful completion of the program, graduates are awarded the Associate of Applied Science in Physical Therapist Assistant 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 the Ashtabula or East Liverpool campuses and meet with the campus program director. Applicants not admitted directly to the program may be admitted as pre-major students. Detailed information and requirements for admission may be obtained from the Ashtabula or East Liverpool campus program offices.

I. TECHNICAL COURSES	37
PTAT 10000 Introduction for the Physical Therapist Assistant	2
10001 Principles of Patient Care in Physical Therapy	4
10003 Clinical Conditions I	2
10004 Physical Therapy Procedures I	4
10005 Directed Practice in Physical Therapy I	2
20003 Clinical Conditions II	2
20004 Physical Therapy Procedures II	4
20005 Directed Practice in Physical Therapy II	5
20006 Physical Rehabilitation Procedures	4
20007 Directed Practice in Physical Therapy III	6
20008 Clinical Conditions III	2
II. RELATED COURSES	17
BSCI 11001 Anatomy for Physical and Occupational 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 Therapeutic Communications in Physical Therapy	1
III. GENERAL STUDIES COURSES	16
ENG 11011 College Writing I	3
21011 College Writing II	3
PSYC 11762 General Psychology	3
SOC 12050 Introduction to Sociology	3
US 10097 First Year Colloquium	1

LER elective*	3
TOTAL	70

*COMM 15000 Introduction to Human Communication is recommended. Please see Pages 85-87 for complete list of Liberal Education Requirements (LER) courses.

Minimum (2.0) grade in theory and a "passing" designation in the clinical and laboratory components must be achieved for each physical therapy assisting course to progress to the next course in the program sequence.

The associate degree in physical therapist assistant technology program reserves the right to initiate changes in the program as deemed necessary for maintaining quality education for the students.

A.A.S. in Plastics Manufacturing Engineering Technology

The Associate of Applied Science in Plastics Manufacturing Engineering Technology provides students with knowledge and skills in both simulated and actual manufacturing environments in the areas of materials, design, computer-controlled equipment and manufacturing processes specific to the plastics industry. The program emphasizes the development of strong mathematical and analytical problem-solving skills and provides a foundation in chemistry and physics. It also incorporates computer applications in manufacturing processes and product development. Requirements articulate with the Plastics Manufacturing certificate and the technology 2+2 baccalaureate degree. Contact an advisor for more information. This major is available at the Trumbull and Tuscarawas campuses.

I. TECHNOLOGY COURSES	36-37
Engineering Technology Core	
EERT 22000 Electricity/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 from the following:	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 of the following: 2-3

12003 Reinforced Plastics (3)

22005 Plastics Manufacturing (2)

II. RELATED COURSES 18

EERT 22003 Technical Computing 3

IERT 22000 Statistical Process Control 4

MATH 12001 Algebra and Trigonometry 4

19002 Technical Math II 4

PHY 12201 Technical Physics I 3

III. GENERAL STUDIES COURSES 15

CHEM 10054 General & Organic Chemistry 5

COMM 15000 Introduction to Human Communication 3

ENG 11011 College Writing I 3

20002 Introduction to Technical Writing 3

US 10097 First Year Colloquium 1

TOTAL **69-70**

24011 Clinical Education VI 1

24020 Radiographic Procedures III 3

24022 Radiographic Exposure and Imaging III 3

II. RELATED COURSES 20

BSCI 11000 Principles of Anatomy for Radiologic Technology 4

COMT 11000 Introduction to Computer Systems 3

HED 14020 Medical Terminology 3

RADT 14002 Introduction to Patient Care 3

14004 Radiologic Physics 4

24001 Radiologic Pathology 3

III. GENERAL STUDIES COURSES 17

CHEM 10050 Fundamentals of Chemistry 3

ENG 11011 College Writing I 3

21011 College Writing II 3

MATH 11011 College Algebra 4

PSYC 11762 General Psychology 3

US 10097 First Year Colloquium 1

TOTAL **71**

A.A.S. in Radiologic Technology

The Associate of Applied Science in Radiologic Technology is offered at the Ashtabula and Salem campuses. The Salem Campus program is approved and accredited by the Joint Review Committee on Education in Radiologic Technology, JRCERT, 20 N. Wacker Drive, Suite 900, Chicago, IL 60606-2901, 312-704-5300, www.jrcert.org. 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 Feb. 1. Program applicants are encouraged to meet with an advisor at the Ashtabula or Salem campuses 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 directors.

I. TECHNICAL COURSES 34

RADT 14000 Introduction to Radiologic Technology 3

14001 Orientation 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 Imaging I 2

14020 Radiographic Procedures I 5

14021 Radiographic Procedures II 4

14022 Radiographic Exposure and Imaging II 3

24002 Radiation Protection 3

24010 Clinical Education V 1

A.A.S. in Systems/Industrial Engineering Technology

The Associate of Applied Science in Systems/Industrial Engineering Technology provides students with knowledge and skills in the areas of analysis and measurement in a variety of industries. Students receive hands-on experience with the equipment used in machine tool operations, testing and analysis and computer-aided design. This major is available at the Trumbull and Tuscarawas campuses. Systems engineering also is available as an individualized program option under mechanical engineering technology at the Ashtabula Campus. Not all courses are available at all campuses, nor are all courses regularly scheduled.

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 from the following: 10

COMT 21008 Computer Methods in Science and Engineering (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	Technical Physics I	.3
12202	Technical Physics II	.4
III. GENERAL STUDIES COURSES		.14
COMM 15000	Introduction to Human Communication	.3
ENG 11011	College Writing I	.3
20002	Introduction to Technical Writing	.3
	Social Sciences or Humanities electives	.4
	from the LER courses.	
US 10097	First Year Colloquium	.1
	TOTAL	70

*Tuscarawas students must take MATH 11011, 11022, 19002 (10 hours) or MATH 12001, 12002 (9 hours) due to ABET accreditation. For Tuscarawas students the Related Courses hours are 19-20 and the total hours are 70-71.

A.A.S. in Veterinary Technology

The Associate of Applied Science in Veterinary Technology program is offered at the Tuscarawas Campus. With the successful completion of the program, graduates are awarded the Associate of Applied Science in Veterinary Technology and are eligible for registration in the state of Ohio. Students interested in the program should apply directly to the Tuscarawas Campus and meet with the campus program director. Admission to the program is selective. Applicants not admitted directly to the program may be admitted as pre-major students. Detailed information and requirements for admission, satisfactory progress and graduation can be obtained from the Kent State Tuscarawas program office.

I. TECHNICAL COURSES		.35
VTEC 10001	Introduction to Veterinary Technology	.2
10002	Veterinary Nursing I	.3
10204	Clinical Laboratory I	.3
10205	Veterinary Nursing II	.3
10206	Pharmacology	.2
20008	Clinical Laboratory II	.3
20009	Veterinary Nursing III	.3
20010	Imaging Techniques	.3
20212	Surgery and Anesthesia	.3
20213	Nutrition and Disease	.2
20214	Veterinary Nursing and Hospital Procedures	.3

	20392 Veterinary Hospital Practicum	.5
II. RELATED COURSES		.21
BSCI 10100	Anatomy for Veterinary Technicians	.5
10110	Biological Diversity	.4
20021	Basic Microbiology	.3
CHEM 10050	Fundamentals of Chemistry	.3
10052	Introduction to Organic Chemistry	.2
10053	Inorganic and Organic Laboratory	.1
HED 14020	Medical Terminology	.3
III. GENERAL STUDIES COURSES		.16
COMM 15000	Introduction to Human Communication	
	or	
	20001 Interpersonal Communication	.3
ENG 11011	College Writing I	.3
	Humanities electives	.3
	Social Sciences electives	.6
US 10097	First Year Colloquium	.1
	TOTAL	72

Associate of Technical Study - Category A

The Associate of Technical Study 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 that suit the students' career goals. Degree programs must be planned with the help of a faculty advisor.

The program consists of a minimum of 61 semester hours of coursework, including First Year Colloquium. At least 30 hours are "technical core" courses that offer education central to students' career goals. At least 15 hours must consist of basic courses that provide background to the technical core, and at least 15 hours must be selected from the LER on Pages 85-87. The degree program should not exceed 73 hours.

Degree programs must be approved by the faculty advisor, 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 after receiving a prior 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 program, Category B, provides associate 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 Program on Page 407 of this Catalog.

Emergency Medical Services Program

The Geauga Campus offers an associate degree completion program for students who have completed a state-certified paramedic training program and hold a current paramedic certificate.

Students interested in this program should apply to the Geauga Campus and must meet with an advisor to be admitted to this program. Upon completion of this program, students will be granted 30 credit hours on the basis of their paramedic certification training. In addition, they must successfully complete a minimum of 34-35 hours of courses selected in accordance with the following curriculum.

I. TECHNICAL COURSES	30
II. RELATED COURSES	21
BSCI 10001 Human Biology	3
20020 Biological Structure and Function	5
BMRT 11009 Introduction to Management Technology	3
CHEM 10050 Fundamentals of Chemistry	3
COMT 11000 Introduction to Computer Systems	3
MATH 11011 College Algebra	4
III. GENERAL STUDIES COURSES	13-14
COMM 15000 Introduction to Human Communication	3
ENG 11011 College Writing I	3
21011 College Writing II	3
US 10097 First Year Colloquium	1
Choose from the following:	3-4
JUS 26704 Issues in Law and Society (3)	
PSYC 11762 General Psychology (3)	
SPED 19201 American Sign Language I (4)	
or any foreign language (4)	

TOTAL 64-65

Coursework may be pursued at any Regional Campus, but students must be advised at the Geauga Campus.

Associate of Technical Study - Category B

Industrial Trades Technology Program

The Geauga and Trumbull campuses offer an associate 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 either the Kent State Geauga or Trumbull campus and must meet with an advisor 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. TECHNICAL COURSES	30
II. RELATED COURSES	15
COMT 11000 Introduction to Computer Systems	3
IERT 22003 Supervision and Labor Relations	5
22006 Economic Decision Analysis	3
MATH 11011 College Algebra	4
III. GENERAL STUDIES COURSES	20
COMM 15000 Introduction to Human Communication	3
ECON 22060 Principles of Microeconomics	3
ENG 11011 College Writing I	3
20002 Introduction to Technical Writing	3
PSYC 11762 General Psychology	3
US 10097 First Year Colloquium	1
General studies electives	4

Select from the LER list in this Catalog, in consultation with an academic advisor.

TOTAL 65

Coursework may be pursued at any Regional Campus, but students must be advised at the Geauga or Trumbull campuses.

Radiologic Technology Completion Program

The Salem Campus offers associate 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 Diagnostic Medical Sonography
- Associate of Technical Study in Nuclear Medicine Technology
- Associate of Technical Study in Radiation Therapy Technology
- Associate of Technical Study in Radiologic Technology

Credits awarded on the basis of certification	32
Basic Sciences, Math*, Computer Technology	15
ENG 11011 College Writing I	3
21011 College Writing II	3
Humanities and Fine Arts	3
Social Sciences	9
US 10097 First Year Colloquium	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.

Radiology Department Management Program

Thirty-two credits are awarded on the basis of certification as radiologic technologist.

I. TECHNICAL COURSES	32
<i>(Credits awarded on the basis of certification.)</i>	
II. RELATED COURSES	20
BMRT 11000 Introduction to Business	3
11009 Introduction to Management Technology	3
21006 Human Resources Management	3
21008 Case Studies in Management Technology	3
21096 Individual Investigation	2
COMT 11000 Introduction to Computer Systems	3
RADT 21095 Special Topics: Contemporary Issues in Radiology Technology	3

III. GENERAL STUDIES COURSES	16-17
COMM 15000 Introduction to Human Communication	3
ENG 11011 College Writing I	3
20002 Introduction to Technical Writing	3
US 10097 First Year Colloquium	1
One of the following pairs:	6-7
BSCI 10001 and 10002	
ECON 22060 and 22061	
MATH 11011 and 11012	
PSYC 11762 and 21211	

TOTAL	68-69
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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.

MILITARY STUDIES

AIR FORCE RESERVE OFFICER TRAINING CORPS (AFROTC)

Overview

The Air Force ROTC (AFROTC) 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.

There are two primary 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 General Military Course (GMC), a four-week-field training course, and the Professional Officer Course (POC). The second is a two-year program designed for students who have two years of academic work remaining. In the two-year program, students are selected to participate in the POC program and attend a five-week field-training course, which includes coursework covered during the freshman and sophomore years. Both programs result in a commission as a second lieutenant in the United States Air Force. Periodically the Air Force activates a one-year program to attract students majoring in fields in which the Air Force has a manpower shortage.

CURRICULUM

Registering

Courses normally are 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. Juniors and seniors wishing to enroll in AFROTC should call the AFROTC unit admissions officer prior to enrollment to discuss the particular requirements.

The curriculum in aerospace studies is divided into two parts: the General Military Course (usually taken during the freshman and sophomore years) and the Professional Officer Course (normally taken during the junior and senior years). Air Force officers are assigned as full-time faculty members and teach all aerospace studies 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 1 hour of academic instruction and a 2-hour leadership laboratory each week. Nonscholarship students incur no military obligation when enrolled in freshman- and sophomore-level courses. Juniors will register for ASTU 30101 and 30103 for the fall term and ASTU 30102 and 30104 for the spring term. Continuing seniors in the AFROTC program will register for ASTU 40101 and 40103 for the fall term and ASTU 40102 and 40104 for the spring term. Upon accepting a scholarship or beginning the first day of the junior-level course, students must contract with AFROTC and incur a military obligation. Students may enroll in any level AFROTC academic course (except leadership laboratory) for elective credit

only and not incur a military obligation. Due to the excellent leadership and management training, as well as the hands-on experience in the POC, the students are eligible to receive additional credit for activities completed while in the program. The students can receive credit for their performance at Field Training (ASTU 20105 and 20106) and based on the positions and responsibilities held while training other cadets (ASTU 30192).

The General Military Course

The General Military Course (GMC) is offered in four-part lower-division aerospace studies courses. Each course consists of 1 hour of academic instruction per week and 15 leadership laboratory contact hours per semester. Nonscholarship membership in the GMC affords students 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

The Professional Officer Course (POC) is a four-part upper-division aerospace studies course. Each course consists of 3 hours of academic instruction per week and 15 leadership laboratory contact hours per semester. Entrance into the POC is limited to qualified students desiring to compete for Air Force commissions. Enrollment in this program is based upon a cumulative GPA, physical qualifications and leadership potential.

Veterans with previous honorable, active, U.S. military service who wish to enroll in the POC may be eligible for 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 their 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. Uniforms are returned upon withdrawal from the course.

FINANCIAL ASSISTANCE

Students who demonstrate academic and leadership potential may be selected by the professor of aerospace studies to compete for scholarships. These scholarships are for two or three years, and are awarded in all majors. The scholarship award includes tuition, textbook allowance, some course fees and a monthly tax-free stipend.

Scholarship Program

Air Force ROTC students enrolled in the Professional Officer Course (juniors and seniors) who are not already on scholarship are eligible for a \$350-\$400-per-month stipend. Room incentive scholarships are also available.

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 INFORMATION

For further information, contact the Department of Aerospace Studies, AFROTC DET 630, 104 Terrace Hall, Kent State University, Kent, OH 44242, at 330-672-2182 or e-mail det630@kent.edu.

ARMY RESERVE OFFICER TRAINING CORPS (ARMY ROTC)

Overview

Kent State University's Army ROTC has served the university and the nation since 1947 by preparing students for service as professional officers in the United States Army. Since its inception, the department has commissioned over 1,100 officers. The military science program at Kent State offers a four-year course of study that adds practical management training and leadership experiences to students' chosen academic degrees.

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 Course and the Advanced Course.

Basic Course

The Basic 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 Course.

Advanced Course

The Advanced Military Science courses are open to students who have completed the Basic Course requirements and desire to commission as Army Officers. These upper-division courses involve military leadership, Army logistics, personnel management principles, ethics, military law and further will enhance the preparation of the professional officer. An additional 32-day summer practicum allows students to put into practice their learned skills while being

evaluated on their leadership abilities. Students who successfully complete the Advanced Course and earn their degrees from Kent State University will serve as officers in the U.S. Army.

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 \$20,000; \$300- to \$500-per-month tax-free grant; and \$900-per-year book allowance. Two- and three-year scholarship applications are available only on campus and are under the immediate control of the Army ROTC program. Applications are taken year-round. Scholarship eligibility criteria include: college GPA, ACT/SAT results (three- and four-year applicants only), extracurricular activities and work, an interview and review board. Four-year scholarship applications are due by Dec. 1 of the students' senior year in high school. Those who are interested may contact our office, their local guidance counselor, or 800-USA-ROTC for an application or apply online at www.armyrotc.com. All scholarships are awarded based on merit rather than need, and on-campus scholarships are on a first-come basis. All academic majors are eligible to apply.

University Incentives

For students interested in participating or who are currently enrolled, Kent State University has given our ROTC program dormitory room incentives and financial incentives to use toward discretionary scholarships. These incentive scholarships are awarded annually to scholarship and nonscholarship students in our program.

OTHER PROGRAMS AND INFORMATION

Simultaneous Membership Program

Members of the Army National Guard or Army Reserves or students who have completed the ROTC Basic 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 Kent State University full time and taking military science classes. Upon graduation and completion of the ROTC program, SMP students either will receive a commission as a second lieutenant in the National Guard or Reserves or go on active duty. In addition to becoming officers, students will receive all eligible financial benefits of the National Guard or Reserves. All students currently participating in a National Guard or Reserve program while attending Kent State University should look into the Army ROTC program. Service time while in school counts toward your military pay.

Leader's Training Course (LTC)

Students who have not taken the Basic Course classes but wish to pursue a commission and receive some financial benefits of the ROTC program can attend a 28-day summer camp in lieu of the two-year Basic Course. Leader's Training Course (LTC) teaches the skills required to complete the on-campus program and offers students practical leadership experience by performing as cadet leaders throughout the camp. LTC is challenging, both mentally and physically. Upon completion, students are eligible for placement in the Advanced Course, two-year scholarship benefits and entrance into the SMP program (see above). In addition to LTC, there are other "Alternative Entry Options" to begin your ROTC Advanced Course program. Contact us.

Career Opportunities

The Army has 16 branches with a variety of job descriptions for newly commissioned officers. Areas such as communications, finance, military intelligence, Corps of Engineers, military police, nursing, etc., offer the new officer a variety of career options. 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. Other activities such as physical conditioning, land navigation, rifle marksmanship and water survival are examples of other programs complementing the military science study. Airborne and Air Assault School training also is available to qualified students.

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 the ROTC Program and compete for scholarships through the Army ROTC Department. Scholarship recipients serve in the Army Nurse Corps upon 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.
- We provide textbooks and uniforms for freshman and sophomore students. All materials needed for our courses are provided by the Department of Military Science.
- 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.
- The Department of Military Science also offers the Advanced Course cadets "staff rides," trips to historic sites where military campaigns and history are studied. Staff rides include the cost of transportation and lodging. Past trips included sites such as Niagara Falls, Canada and Gettysburg.

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. The office is located in 106 Terrace Hall on the university's Kent Front Campus and can be reached by telephone at 330-672-2769; by fax at 330-672-3690; or on the Web at www.kent.edu/rotc.

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 one of the following

- 3.50 after 60 semester hours
- 3.40 after 75 semester hours
- 3.30 after 90 semester hours
- 3.20 after 105 semester hours

may apply for early admission to a master's degree program by successfully accomplishing the following:

- 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 that 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. Combined Baccalaureate/Master's Program in the College of Business Administration and Graduate School of Management

Students must have earned 90 semester hours 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.

C. 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 international relations majors and complete their undergraduate coursework in the first three years of study. In addition, students must pass a language proficiency exam, have a cumulative GPA 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 that 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.

D. Combined Baccalaureate in Fashion Merchandising/Master of Business Administration in the College of Business and Graduate School of Management

Fashion merchandising majors who qualify may enroll in the combined Bachelor of Science in Fashion Merchandising/Master's of Business Administration program and complete both degrees within five years. Careful planning and advising are needed in order to successfully complete

the programs in a timely way. Students intending to follow this plan should work closely with their faculty advisor. In the freshman year, the math choice should be MATH 11012 or MATH 12002. When the student has achieved 90 hours or more in the merchandising program (beginning of the junior year) and has a GPA of 3.3 or higher, he or she should apply for conditional admission to the MBA program. This application must occur no later than April 1 of the junior year. The GMAT exam must be completed with an appropriately high score at the time application is made.

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

This is a five-year degree program with optional concentrations in 2-D graphic design, 3-D graphic design and illustration. Students who pass the junior portfolio review, complete a minimum of 90 semester hours, demonstrate excellence in formal organization, conceptual problem-solving abilities and technical skills and maintain a minimum 3.00 overall GPA and a 3.25 in the major will be invited or may petition to enter this program. An overall GPA of 3.00 and a major GPA of 3.00 in both the bachelor's and master's programs will be required for graduation.

F. The Combined Bachelor of Science/Master of Science in Nursing Program

An accelerated combined degree program for undergraduate KSU nursing students who have completed 60 semester hours and meet the GPA requirements delineated in Combined Baccalaureate/Master's for Degree Students Early In Their Undergraduate Studies. Qualified students may apply by completing an application for admission to the Master of Science in Nursing (MSN) program of choice and gaining approval from the appropriate graduate faculty program director. A plan of substituting selected master's core courses for selected undergraduate courses should be carefully worked out with the faculty advisor. Following graduation and passing the state licensing examination (NCLEX-RN), students' MSN application may be activated for admission into the selected master's program.

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.

COLLEGE OF CONTINUING STUDIES

The College of Continuing Studies (CCS), in partnership with academic units, sponsors nontraditional, credit and noncredit academic programs. The College of Continuing Studies encompasses Lifelong Learning and Evening and Weekend programs. Visit our Web site for details at www.ccs.kent.edu.

LIFELONG LEARNING

The College of Continuing Studies administers both credit and non-credit programs to meet life-long learning needs of university, community and professional audiences. All credit workshops are graded satisfactory/unsatisfactory (S/U). A student who never attends even one class session will receive a grade of NF (never attended, F). Students who stop attending prior to the course withdrawal deadline will receive a grade of SF (stopped attending, F). Both NF and SF grades will count as an F (zero quality points) in computing the GPA.

In collaboration with other academic and service units at the university, CCS offers credit workshops, conferences, noncredit courses and seminars for professionals in business, education, health care and numerous other disciplines.

The College of Continuing Studies also develops, manages and co-sponsors learning opportunities for the enrichment and professional development of special targeted populations and communities. These include the Summer Youth program and the Saturday Art programs, among other opportunities. To receive additional information or to be placed on a mailing list, contact the College of Continuing Studies, 204 Michael Schwartz Center, 330-672-3100 or visit our Web site at www.ccs.kent.edu.

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 time or part time and have additional family responsibilities. Selected evening and weekend programs may permit students to complete requirements for a variety of undergraduate degrees. Students should contact academic departments about the availability of specific degree programs. If you are an adult student interested in attending evening and weekend programs, please contact the Adult Student Center, 330-672-7933.

CONTACT INFORMATION

204 Michael Schwartz Center
330-672-3100
<http://www.ccs.kent.edu>