

Health Technologies

Health technologies are those areas in which all health personnel are working toward the common goal of providing the best possible service in patient care and health promotion. There is a large cluster of health care-related professions and personnel whose functions include assisting, facilitating or complementing the work of the physicians and other specialists in the health care system.

Individuals in many health care fields work without direct supervision, while others can only work in a supervised setting. As machines and techniques change, the individual must be able to accept new innovations to ensure continued demand for their services.

Health care personnel are highly regulated. After showing their proficiency in the classroom as practitioners of their art, they take certifying exams and are licensed by state or federal agencies, and their titles are protected by certification. To receive accreditation or certification in a technology, the faculty, college and curriculum must be reviewed and must meet the standards of professional health accreditation bodies. All of the degree granting technologies in the health technologies division have received multiple-year accreditation or certification.

Health technologies students at Stark State College spend time in the classroom and laboratory, learning the techniques and skills of their profession. Having learned these skills, students work and learn in a clinical setting to gain practical experience in their field under the supervision of a clinical instructor. Upon completion of their studies, students may sit for certifying exams to receive their titles.

Acceptance to Stark State College does not ensure acceptance into a particular health program. Students must apply to their program of choice. See Application Requirements for Health Technologies.

Application Requirements for Health Technologies

Applications for the Health Technologies are available in the **Office of Admissions/Student Services**. Applications that have been filled out are to be returned to the **Academic Records/Registrar's Office**. The following steps should be completed by anyone wishing to apply to a health program.

1. Submit a Stark State College of Technology application and an official high school transcript to the **Academic Records/Registrar's Office**.
2. Contact the Office of Admissions/Student Services to make arrangements to take the COMPASS pre-admission placement tests if applicable. The COMPASS test is not required for applicants to health programs who transfer appropriate college credit. In cases when the COMPASS test is required, ACT test results may be used in place of the COMPASS test as long as the applicant has graduated from high school within the last two years.
3. Submit official college transcripts from any other institutions to the **Academic Records/Registrar's Office**. (It is the student's responsibility to review the evaluated transcript for accuracy before submitting the health application.)
4. Meet with an advisor to discuss all course and GPA requirements.
5. Complete all program-specific tour, volunteer or testing requirements. Submit the appropriate form to the **Academic Records/Registrar's Office**.

Information on program-specific requirements and deadlines can be obtained by contacting the **Office of Admissions/Student Services** for a health application packet.

Applicants for the nursing LPN to RN option are accepted on a selective basis. Any applicant who is not accepted in a given year must reapply the next year to be considered. Applications to this program are available on April 1 at the **Office of Admissions/Student Services**. The applicant should submit the application to the **Academic Records/Registrar's Office** as soon as possible after that date. However, the application will not be considered complete until all requirements are complete.

Applicants are accepted to the other health technologies on a rolling admissions (first come, first placed) basis. Once a class is full for a particular year, valid applications are accepted for the next year. These applications are available in the **Office of Admissions/Student Services**, but should not be submitted to the **Academic Records/Registrar's Office** until all requirements are met. Please see the appropriate application packet for details about requirements.

Admission to a health technology involves expenses beyond tuition and books. Students are responsible for expenses incurred for program and health requirements. These expenses may range from approximately \$100 to \$900. The **Office of Admissions/Student Services** can provide more specific information. Expenses for dental hygiene exceed this range due to the clinical component of the program.

Practice in various health professions requires specific physical skills and abilities. Questions about the competencies required of health technology applicants should be discussed with an admissions counselor.

According to various sections of the *Ohio Law and Regulations for Certification and Licensure Boards*, persons convicted of a felony or misdemeanor may not be able to take the licensure or certification examinations; may be refused acceptance of placement by the clinical/practicum sites; or may have restrictions placed on their ability to practice. For more information, contact the dean of student services and the applicable licensure/certification board.

Stark State College is committed to the principle of equal opportunity and does not discriminate on the basis of race, religion, national origin, gender, sexual orientation, age or disability. The College's equal opportunity guidelines apply to admission to all health technology programs. The College strives to assure a diverse representation of students within the health technology programs. Members of minority groups are encouraged to apply.

Specific information about application requirements for health technologies can be obtained from the **Office of Admissions/Student Services** at 330-966-5450 or 1-800-797-8275.

Dental Hygiene Program

Dental hygienists are important members of the dental health care team who are licensed to work with dentists in the delivery of dental care. Hygienists combine knowledge and clinical skills to plan and provide dental hygiene care for patients. They use interpersonal skills to motivate and instruct individual patients and community groups on methods to prevent oral disease and to maintain oral health.

The profession welcomes men and women of all ages and offers career opportunities with excellent income and scheduling flexibility. While most dental hygienists work in general or specialty dental offices and clinics, alternative opportunities include public health departments, nursing homes, school systems, private industry, academic institutions and dental sales manufacturers.

Stark State's program consists of one semester of eligibility (pre-application) courses and four semesters plus one summer session of academic coursework and hands-on learning experiences in the classroom, laboratory, clinic and community. An important feature of the program is the on-campus Dental Hygiene Clinic which is open to the public. The hundreds of hours of supervised patient care experiences provide excellent skill and professional development training.

Enrollment in the program is limited. Admission is offered to eligible applicants on a space-available basis. The dental hygiene program requires a separate application; admission to Stark State does not automatically mean acceptance into the dental hygiene program. Applicants must meet specific eligibility criteria, as described in program informational materials. Applicants must meet the following eligibility requirements:

- Be a high school graduate or have a GED certificate.
- Complete SSCT's Compass Assessment Test and take any courses recommended as a result of the test.
- Complete four eligibility (pre-application) courses – ENG124, PSY121, CHM121, BIO121 and their prerequisites according to the eligibility rules regarding minimum grade, age of course, and number of repeats/drops.
- Achieve a GPA of at least a 2.75 for the four eligibility courses.
- Maintain an overall college GPA of at least 2.00.
- Score at the 60th percentile or above on the PAX test.
- Complete the dental office observation experience requirement.
- Complete specified supplemental requirements.

Specific physical requirements are necessary to perform dental hygiene functions. Details are provided in program information materials or may be obtained from the dean of student services.

The goal of Stark State's program is to prepare students to demonstrate knowledge and competencies essential for the delivery of dental hygiene services and to enable them to assume the responsibilities for providing patient care. Graduates will understand the role of the dental hygienist and of other dental health team members; will be prepared to adapt to changing demands of the oral health care profession; and will seek opportunities for continuous professional development.

Graduates are eligible to take the Dental Hygiene National Board and Northeast Regional Board examinations, both of which are required for licensure in Ohio. Licensure is mandatory for employment in Ohio as a dental hygienist. Other states may have different licensing requirements.

According to Section 4715.21 of the Ohio Revised Code, applicants for licensure must submit to an FBI background check.

Dental hygiene applicants/students are responsible for informing the program director of any misdemeanor or felony convictions so that they may be informed of the steps the Ohio State Dental Board will take before considering their application for licensure.

The dental hygiene program is accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body of the American Dental Association, recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at 312-440-4653; at 211 East Chicago Avenue, Chicago, IL 60611; www.ada.org.

The Stark State College Dental Hygiene Program has the following written articulation agreement for a bachelor in science degree completion program with:

Ohio State University, Dental Hygiene Program, Section of Primary Care, College of Dentistry

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Dental Hygiene Program

SUGGESTED COURSE SEQUENCE

Eligibility Courses		Credit Hours
CHM121	General Chemistry	4
BIO121	Anatomy and Physiology I	4
ENG124	College Composition †	3
PSY121	General Psychology	3
		14
Semester I		
DHY121	Head, Neck and Oral Anatomy	2
DHY122	Oral Histology and Embryology	1
DHY123	Dental Radiography	3
DHY131	Fundamentals of Dental Hygiene Practice	4
BIO122	Anatomy and Physiology II	4
		14
Semester II		
DHY124	Periodontics I	1
DHY125	Dental Materials	3
DHY126	Pathology	2
DHY132	Dental Hygiene Theory I	2
DHY133	Clinical Dental Hygiene I	2
BIO221	Principles of Microbiology**	4
		14
Summer		
DHY134	Clinical Dental Hygiene IA	1
DHY127	Community Oral Health I	1
DHY221	Nutrition in Dentistry	1
		3
Semester III		
DHY222	Dental Pharmacology	2
DHY223	Community Oral Health II	1
DHY225	Anesthesia and Pain Control	2
DHY231	Dental Hygiene Theory II	2
DHY232	Clinical Dental Hygiene II	4
SOC121	Sociology	3
		14
Semester IV		
DHY224	Periodontics II	1
DHY233	Dental Hygiene Theory III	2
DHY234	Clinical Dental Hygiene III	5
COM121	Effective Speaking	3
	Social Sciences Elective*	3
		14

73 TOTAL CREDIT HOURS

† Based on SSCT placement score.

* May select any PSY/SOC course of three credit hours or more, SWK127 or PHL122.

** May not be taken earlier than three years prior to enrollment in DHY121.



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Emergency Fire Services

The fire service is a noble and gratifying career. Firefighters are called upon to respond to many different situations. The main goals of a firefighter are to save life, protect property, to render humanitarian and special services, and to safeguard the environment. On any given day a firefighter may be called upon to respond to structural fires, car fires, animal rescues, brush fires, childbirth, hazardous materials incidents, water rescue, and more. Firefighters are confronted with challenging situations and must act quickly and decisively to mitigate these incidents to protect the public and themselves from harm. Firefighters are held in high regard by the public they serve. Today's firefighters are cross trained

to also serve as paramedics. A firefighter/paramedic is ready to serve the public at all levels of emergency response.

Stark State College offers a two-year associate in applied science degree of emergency fire services technology. The level I and II firefighter certification course, EMT-Basic, and paramedic certification courses are included within this degree pathway, as well as courses designed to enhance the skills necessary to function as a firefighter/paramedic. The associate degree of emergency fire services will provide the initial knowledge and skills necessary for this profession.

SUGGESTED COURSE SEQUENCE

		Credit Hours
NOTE: The following two courses must be taken prior to Semester I		
EMS121	Emergency Medical Technician - Basic*	5
BIO101	Introduction to Anatomy and Physiology**	3
		8
Semester I		
EMS122	Paramedic I/Seminar	10
ENG124	College Composition †	3
		13
Semester II		
EMS221	Paramedic II/Seminar	10
EMS222	Paramedic III/Seminar	4
MTH101	Introduction to Algebra	4
PSY121	General Psychology	3
		21
Semester III		
FST228	Firefighter I and II***	10
BCA120	Business Computer Applications	4
		14
Semester IV		
FST226	Line Officer Leadership	3
COM121	Effective Speaking	3
PHY101	Principles of Physics	4
FST225	Hazardous Materials	3
		13

69 TOTAL CREDIT HOURS

† Based on SSCT placement score.

* EMS121 must be completed prior to applying to the paramedic program.

** BIO127 may be substituted for BIO101. (You must complete either BIO101 or BIO127 in order to enroll in EMS122.)

*** See emergency fire services coordinator for options regarding this course.

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Emergency Medical Services

Paramedics are highly regarded health professionals. Public awareness has increased due to television and public events.

The world of emergency medical services (EMS) is very dynamic, changing and evolving continually. Paramedics have many new challenges in the care of the ill and injured requiring a higher standard of learning, particularly with interests of national security. The field of paramedicine is evolving to new areas beyond emergency care in the streets.

Stark State College offers a two-year associate in applied science degree of emergency medical services technology. The EMT-basic and paramedic certification courses are included within this degree pathway, as well as courses designed to enhance management skills in the healthcare industry. The EMS associate degree will provide the initial knowledge and skills necessary for this profession.

SUGGESTED COURSE SEQUENCE

<i>NOTE: The following two courses must be taken prior to Semester I (Paramedic I)</i>		Credit Hours
EMS121	Emergency Medical Technician - Basic*	5
BIO101	Introduction to Anatomy and Physiology**	3
		8
Semester I		
EMS122	Paramedic I/Seminar	10
ENG124	College Composition †	3
		13
Semester II		
EMS221	Paramedic II/Seminar	10
EMS222	Paramedic III/Seminar	4
MTH101	Introduction to Algebra	4
FST224	Legal Aspects	2
		20
Semester III		
BCA120	Business Computer Applications	4
PHY101	Principles of Physics	4
PSY121	General Psychology	3
HIT230	Health Care Delivery in the US	2
		13
Semester IV		
OTA223	Life Span Development	5
FST225	Hazardous Materials	3
BUS121	Business Administration	4
COM121	Effective Speaking	3
		15

69 TOTAL CREDIT HOURS

EMT-Paramedic One-year Certificate

SUGGESTED COURSE SEQUENCE

<i>NOTE: The following two courses must be taken prior to Semester I (Paramedic I)</i>		Credit Hours
EMS121	Emergency Medical Technician -Basic*	5
BIO101	Introduction to Anatomy and Physiology**	3
		8
Semester I		
EMS122	Paramedic I	10
		10
Semester II		
EMS221	Paramedic II	10
EMS222	Paramedic III	4
ENG124	College Composition †	3
		17

35 TOTAL CREDIT HOURS

† Based on SSCT placement score.
 * EMS121 is a pre-requisite for EMS122. A student can waive this course by showing proof of current State of Ohio Certification.
 ** BIO127 may be substituted for BIO101.
 (You must complete either BIO101 or BIO127 prior to Paramedic I.)

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Emergency Medical Services

Certifications

The emergency medical technician (EMT) is an integral part of the healthcare system in today's society, providing emergency medical services (EMS) in a wide variety of situations in the pre-hospital setting. EMT-basics, intermediates and paramedics are an extension of the emergency department and have received increasing attention and public awareness due to television and public events.

Stark State College offers emergency medical services training including EMT-basic and paramedic. First responder and intermediate certification courses, while not routinely scheduled may be available.

The EMT curricula follow the National Department of Transportation and Ohio Objectives. Successful completion of the certification courses will allow a student to take the *National Registry Certification Exam*, which is required by the state of Ohio for certification as an EMT at any level. The EMS Courses consist of classroom and lab sessions, including hands-on training in an ambulance on campus. Additionally, training in various hospitals and infield internship with fire departments and EMS squads is required.

Critical thinking and physical agility are among the skills required to function as an EMT. Emergency services are highly regarded and respected by our community and throughout the country. A graduate of Stark State College's EMS training will find their career to be very challenging and rewarding.

EMT-Basic Certification ADMISSION REQUIREMENTS

- Age 17 or in the last year of high school, OR 18 and out of high school
- Proof of proficiency in reading English as demonstrated on SSCT COMPASS test
- Meet admission requirements as set forth in OAC 4765-8-01

EMT-Paramedic ADMISSION REQUIREMENTS

- Current EMT-basic certification in the State of Ohio
- Current healthcare provider basic life support certification
- Meet admission requirements as set forth in OAC 4765-8-01

Credit for Fire/EMS

General information guidelines for students with current Fire, EMT-B or EMT-P certification in the emergency fire/EMS two year associate degrees:

Students who are currently certified in any or all of the following can receive credit for these courses provided they meet all the requirements for graduation. Students must submit a written request to the department chair of emergency services prior to this process.

Courses: Firefighter Level 1 & 2 – 10 credits
EMT-B - 5 credits
EMT-P - 24 credits

Students must complete the following requirements at Stark State College:

- a minimum of 15 general credit hours
- a minimum of 5 technical credit hours
- submit current copies of certifications in the technical areas in which they are seeking credit

The specific areas of credit courses available in the technical portions of these two degrees are as follows:

Emergency Fire Services Degree:

Firefighter Level 1&2 (FST228), Line Officer Leadership (FST226), Hazardous Materials/WMD (FST225), EMT-B (EMS121), and Paramedic (EMS122), (EMS221), (EMS222)

Emergency Medical Services Degree:

EMT-B (EMS121), Paramedic (EMS122), (EMS221), (EMS222), (Legal Aspects (FST224), Hazardous Materials/WMD (FST225)

These credits will be posted when all the requirements of attaining the degree(s) have been met and verified by the department chair of emergency services. A list of alternative technical courses will be provided to any student required to enroll in a technical credit course in order to meet the five-hour minimum. Students may not post any failing grades in the major in which they are seeking an associate degree. Students must also maintain at least a 2.0 grade point average.

For additional information, contact the department chair of emergency services.

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Health Information Management Technology

Graduates of health information management technology associate degree programs are known as health information technicians or registered health information technicians (RHIT).

Health information technicians generally perform technical duties vital to the operation of a health information management department. These may include analysis of the medical record; collection and preparation of statistical data, coding and abstracting, quality improvement functions and supervision. One of the most important job functions is to protect the confidentiality of patient information and ensure the integrity of the medical record.

Health information technicians primarily are employed in hospitals, long-term care and outpatient facilities. The health information technician may have full responsibility for the operation of the medical record department or may specialize in a particular function such as medical coding. There has been an increase in jobs in places such as medical billing companies, physician group practices, health maintenance organizations and mental health and rehabilitation facilities. Other places of employment, depending on education, skills and interest, include consulting firms, software vendors, research facilities, information system departments and social service agencies.

Common job titles held by health information technicians in today's job market include: coder, medical record technician, registered health information technician, data analyst, etc. It is anticipated that job titles will change as health care enterprises expand their reliance on information systems and the electronic health record.

The health information management technology program at Stark State College is a four-semester course of study leading to an associate of applied science (A.A.S.) degree. A new group of students begins each year in the fall semester. The maximum number of students accepted is 24.

Graduates of the health information management technology program will be eligible to take the national accreditation examination administered by the American Health Information Management Association. Individuals who pass the examination are entitled to use the designation of registered health information technician (RHIT).

Prospective students in the health information management technology program must meet specific criteria as outlined in program preapplication requirements. Fulfilling the criteria does not guarantee admission to the program. You must apply and be accepted into the program to take HIT courses.

Graduates of the program may pursue a bachelor's degree in health information management (HIM) via distance learning at the University of Toledo or pursue other bachelor degree options.

The health information management technology program is accredited by the Commission on the Accreditation for Health Informatics and Information Management Education (CAHIIM).

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Health Information Management Technology

SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
HIT121	Health Data Management and Delivery Systems	4
BIO125	Medical Terminology	3
HIT123	Healthcare Legal and Ethical Issues	2
BIO123	Principles of Human Structure and Function	5
BCA120	Business Computer Applications	4
		18
Semester II		
HIT124	Clinical Classification Systems I	4
HIT122	Alternative Health Records and Registries	3
BIO222	Pharmacology	3
BIO124	Pathophysiology	3
ENG124	College Composition †	3
		16
Summer		
	Communication Elective *	3
	Social Science Elective **	3
		6
Semester III		
HIT221	Clinical Classification Systems II	3
HIT222	Healthcare Statistics and Research	3
HIT224	Quality Management in Healthcare	2
HIT226	Professional Practice I/Seminar I	4
		12
Semester IV		
ENG222	Medical Technology Report Writing***	3
HIT223	HIM Supervision Concepts and Practices	3
HIT228	Clinical Classification Systems III and Reimbursement	4
HIT229	Health Information Systems and Technology	3
HIT227	Professional Practice II/Seminar II	4
		17

69 SEMESTER CREDITS

- † Based on COMPASS or ACT placement scores.
- * May select from communication (COM) offerings.
- ** May select from psychology (PSY) or sociology (SOC) offerings.
- *** ENG222 must be taken concurrently with HIT223.



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Massage Therapy Program

Massage therapy is a study of the interrelationship of body, mind and spirit. Massage therapists apply specific techniques to the muscular structures and soft tissues of the human body effectively relieving pain and restoring function. Professional massage therapists are an integral part of a health care team and recognized for their important role in helping to treat illness and chronic ailments.

Stark State College offers two approaches to training as a massage therapist. The certificate program enables students to complete the 42 credit hour coursework in four semesters. Upon successful completion, students are issued a certificate which allows them to sit for licensure with the State of Ohio Medical Board. The associate of technical studies degree in massage therapy can be completed in five semesters and includes business and other courses which prepare students for success in their profession.

Massage Therapists in Ohio are required to be licensed. The State of Ohio Medical Board approves the curriculum at Stark State College and is the licensing agent for massage therapy. Therapists are licensed as

limited medical practitioners and are able to work in private practice as well as hospitals, clinics, spas, doctor and chiropractor offices and in many other venues.

The massage therapy program at Stark State College challenges the student in proficiency of hands-on skills as well as extensive knowledge of anatomy, physiology and massage therapy theory. Self-care for the massage practitioner, client wellness education and community involvement through volunteerism is also an integral part of the curriculum.

Massage therapists benefit from knowing that they make a difference in the lives of others, enjoy a high level of autonomy in their employment and ample time with clients to convey a sense of caring which facilitates a healing environment.

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Massage Therapy Certificate Program

Program Beginning in Fall

		Credit Hours
Fall – Semester I		
MAS121	Massage Therapy I	6
BIO121	Anatomy and Physiology I	4
MAS123	Massage Therapy Anatomy and Physiology I – <i>Web Delivered</i>	1
PSY222	Psychological Aspects of Therapy	3
		14
Spring – Semester II		
MAS122	Massage Therapy II	2
MAS224	Massage Therapy III	4
BIO122	Anatomy and Physiology II	4
MAS124	Massage Therapy Anatomy and Physiology II – <i>Web Delivered</i>	2
		12
Summer – Semester III		
MAS225	Massage Therapy IV	2
MAS228	Professional Practice and Evaluation	1
BIO124	Pathophysiology	3
		6
Fall – Semester IV		
MAS226	Massage Therapy V	3
MAS223	Massage Therapy Review	3
MAS227	Massage Therapy Procedures	2
MAS229	Clinic Operations	2
		10

42 TOTAL CREDIT HOURS

Program Beginning in Spring

		Credit Hours
Spring – Semester I		
MAS121	Massage Therapy I	6
BIO121	Anatomy and Physiology I	4
MAS123	Massage Therapy Anatomy and Physiology I – <i>Web Delivered</i>	1
PSY222	Psychological Aspects of Therapy	3
		14
Summer – Semester II		
MAS122	Massage Therapy II	2
		2
Fall – Semester III		
MAS224	Massage Therapy III	4
MAS225	Massage Therapy IV	2
BIO122	Anatomy and Physiology II	4
MAS124	Massage Therapy Anatomy and Physiology II – <i>Web Delivered</i>	2
MAS228	Professional Practice and Evaluation	1
		13
Spring – Semester IV		
MAS226	Massage Therapy V	3
MAS223	Massage Therapy Review	3
MAS227	Massage Therapy Procedures	2
MAS229	Clinic Operations	2
BIO124	Pathophysiology	3
		13

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Massage Therapy Program

Associate of Technical Studies Massage Therapy Major

Program Beginning in Fall

		Credit Hours
Fall – Semester I		
MAS121	Massage Therapy I	6
BIO121	Anatomy and Physiology I	4
MAS123	Massage Therapy Anatomy and Physiology I - <i>Web Delivered</i>	1
BUS121	Business Administration	4
ENG124	College Composition †	3
		<hr/>
		18

Spring – Semester II

MAS122	Massage Therapy II	2
MAS224	Massage Therapy III	4
MAS124	Massage Therapy Anatomy and Physiology II - <i>Web Delivered</i>	2
PSY222	Psychological Aspects of Therapy	3
BIO122	Anatomy and Physiology II	4
		<hr/>
		15

Summer – Semester III

MAS225	Massage Therapy IV	2
MAS228	Professional Practice and Evaluation	1
BIO125	Medical Terminology	3
BIO124	Pathophysiology	3
		<hr/>
		9

Fall – Semester IV

MAS226	Massage Therapy V	3
MAS223	Massage Therapy Review	3
BUS123	Business Math	4
MAS227	Massage Therapy Procedures	2
MAS229	Clinic Operations	2
		<hr/>
		14

Spring – Semester V

MKT121	Principles of Marketing	3
ACC121	Principles of Accounting	4
BCA120	Business Computer Applications	4
MGT121	Principles of Management	3
		<hr/>
		14

70 TOTAL CREDIT HOURS

† Based on SSCT placement scores.

Program Beginning in Spring

		Credit Hours
Spring – Semester I		
MAS121	Massage Therapy I	6
BIO121	Anatomy and Physiology I	4
MAS123	Massage Therapy Anatomy and Physiology I - <i>Web Delivered</i>	1
BUS121	Business Administration	4
BUS123	Business Math	4
		<hr/>
		19

Summer – Semester II

MAS122	Massage Therapy II	2
BCA120	Business Computer Applications	4
ENG124	College Composition †	3
BIO125	Medical Terminology	3
		<hr/>
		12

Fall – Semester III

MAS224	Massage Therapy III	4
MAS225	Massage Therapy IV	2
BIO122	Anatomy and Physiology II	4
MAS124	Massage Therapy Anatomy and Physiology II - <i>Web Delivered</i>	2
PSY222	Psychological Aspects of Therapy	3
MAS227	Massage Therapy Procedures	2
MAS228	Professional Practice & Evaluation	1
		<hr/>
		18

Spring – Semester IV

MAS226	Massage Therapy V	3
MAS223	Massage Therapy Review	3
BIO124	Pathophysiology	3
MAS229	Clinic Operations	2
		<hr/>
		11

Summer – Semester V

MKT121	Principles of Marketing	3
MGT121	Principles of Management	3
ACC121	Principles of Accounting	4
		<hr/>
		10

70 TOTAL CREDIT HOURS

† Based on SSCT placement scores.



A COLLEGE TECH PREP PARTICIPANT

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Medical Assisting Program

Medical assisting is projected to be one of the fastest growing occupations over the 2004-14 period according to the *Occupational Outlook Handbook* published by the U.S. Department of Labor.

The medical assisting program offers a five-semester "day track" program and a "night track" program to accommodate students who work during the day. Students are encouraged to complete general studies courses while waiting to become eligible for admission to the program.

WHAT IS MEDICAL ASSISTING?

Medical assistants are medical office experts. They do not administer skilled, bedside nursing care. These skills are performed by the registered and practical nurse in a hospital or skilled nursing facility.

The medical assistant is a multi-competent professional who works in doctors' offices, outpatient and ambulatory care clinics, and other health-related businesses. The medical assistant frequently functions as the physician's right hand, assisting with the instruction and treatment of patients and performing the administrative tasks needed to keep an office running smoothly. The medical assistant is skilled in human relations techniques and is required to deal effectively with patients and other allied health personnel in the health care delivery system.

Clinical skills include assisting with the physical exam, measuring vital signs, height, weight, visual acuity and hearing levels. The medical assistant gives injections, applies bandages and dressings, and instructs patients in diet and at-home treatments. Medical assistants perform laboratory screening tests and EKGs, and assist with x-rays. Medical assistants clean and sterilize instruments and assist with minor office surgery and therapeutic treatments ordered by the physician.

Medical assistants must have administrative skills to keep an office running smoothly. Among these skills are: typing, word processing, insurance coding, transcribing from dictation, computer office systems, accounting, office procedures and communication/telephone skills.

Immediately upon graduation, a medical assisting graduate is eligible to take the national certification exam given by the AAMA (American Association of Medical Assistants) to become a certified medical assistant (CMA).

Second-year students are offered electives in advanced phlebotomy and ophthalmology to assist them in becoming eligible to sit for two additional national certification exams: certified phlebotomist (CLPIb) and certified ophthalmic assistant (COA).

The medical assisting program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), on recommendation of the Curriculum Review Board of the American Association of Medical Assistants' Endowment (CRB-AAMAE).

Medical assisting ophthalmology technical electives are accredited by The Committee on Accreditation for Ophthalmic Medical Personnel (CoA-OMP) a sponsor committee on Accreditation of the CAAHEP system.

According to various sections of the Ohio Law and Regulations for Certification and Licensure Boards, persons convicted of any felony or a misdemeanor may not be accepted into a health program at Stark State College; may not be able to take the licensure or certification examinations; may be refused acceptance of placement by the clinical/practicum sites; or may have restrictions placed on their ability to practice. For more information, contact the dean of student services and the applicable licensure/certification board.

Important note:

Effective with the January 2001 Certification Examination, felons are not eligible to sit for the examination unless the Certifying Board (CB) grants a waiver based on one or more of the mitigating circumstances listed in the *Disciplinary Standards*.

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Medical Assisting Program

Day Track

SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
BIO101	Introduction to Anatomy and Physiology	3
BIO125	Medical Terminology	3
IDS115	Master Student	3
MAT121	Medical Assisting I	4
OAD107	Digital Technologies (8 wks)	1
OAD108	MS Outlook (8 wks)	1
		<hr/> 15
Semester II		
MAT122	Medical Assisting II	4
MAT124	Medical Office Procedures I	3
MTH101	Introduction to Algebra (or test out)	4
BCA120	Business Computer Applications*	4
PSY121	General Psychology	3
		<hr/> 14-18
Summer		
ENG124	College Composition †	3
PSY123	Human Growth and Development	3
COM121	Effective Speaking	3
		<hr/> 9
Semester III		
MAT221	Medical Laboratory Procedures	3
MAT222	Insurance for Medical Assisting	4
MAT223	Medical Office Procedures II	4
MAT224	Pharmacology / Administration of Medications	4
	Social Sciences Elective or Technical Elective**	3
		<hr/> 15-18
Semester IV		
MAT123	Medical Assisting III	2
MAT225	Emergency Medical Procedures	2
MAT226	Medical Office Management / Law	3
MAT227	Medical Assisting Externship	2
MAT233	Seminar	1
	Social Sciences Elective or Technical Elective**	3
		<hr/> 10-13

70 TOTAL CREDIT HOURS

Night Track ^

SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
BIO101	Introduction to Anatomy and Physiology	3
BIO125	Medical Terminology	3
IDS115	Master Student	3
MAT121	Medical Assisting I	4
OAD107	Digital Technologies (8 wks)	1
OAD108	MS Outlook (8 wks)	1
		<hr/> 15
Semester II		
MAT122	Medical Assisting II	4
MAT124	Medical Office Procedures I	3
MTH101	Introduction to Algebra (or test out)	4
BCA120	Business Computer Applications*	4
		<hr/> 11-15
Summer		
ENG124	College Composition †	3
PSY123	Human Growth and Development	3
COM121	Effective Speaking	3
		<hr/> 9
Semester III		
MAT221	Medical Laboratory Procedures	3
MAT222	Insurance for Medical Assisting	4
MAT223	Medical Office Procedures II	4
PSY121	General Psychology	3
	Social Sciences Elective or Technical Elective**	3
		<hr/> 14-17
Semester IV		
MAT123	Medical Assisting III	2
MAT225	Emergency Medical Procedures	2
MAT226	Medical Office Management / Law	3
MAT224	Pharmacology / Administration of Medications	4
MAT227	Medical Assisting Externship	2
MAT233	Seminar	1
	Social Sciences Elective or Technical Elective**	3
		<hr/> 14-17

70 TOTAL CREDIT HOURS

† Based on SSCT placement scores.

* Based on work or educational experience (see administrative information proficiency exam schedule).

** A minimum of three credit hour of medical assisting technical electives or social science electives is required for graduation and may be taken during Semester III or Semester IV. Each of the following courses is a three-credit hour elective: MAT228, MAT229, MAT230.

▲ Medical assisting night track program is designed for working students who are able to complete some or all general studies courses on a part-time basis prior to applying for admission to the program.

Note: Students who are not proficient in keyboarding and data input are strongly advised to take OAD101 (Keyboarding and Data Input Methods) before entering the program.

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In an effort to meet the needs of students, courses required in each of the programs are scheduled in sequence to accommodate those attending on a full-time or part-time basis. All students should consult their academic advisors to plan their schedules and course sequence appropriately.

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Medical Coding Certificate Program

One-Year Certificate Program - Night Track

Continually changing regulations for reimbursement of health care services issued by the government and other third-party payers have created a demand for qualified medical coders. A medical coder is a valuable member of the health information team who is responsible for translating diagnostic and procedural phrases into coded form. The coded information is then utilized for reimbursement purposes, analysis of patient outcomes and research.

Opportunities for employment include all types of health care environments such as hospitals, outpatient facilities, physicians facilities, physician offices, medical/billing companies, insurance companies, etc.

Students will be instructed in ICD-9-CM, CPT-4, DRGs, APCs and other third party reimbursement methodologies. A thorough understanding of coding guidelines, anatomy and physiology and disease processes are required in order to understand the disease and procedures to be coded. The medical coder must also have a thorough understanding of the content of the medical record, legal and ethical issues, and information systems.

Students who complete the medical coding certificate program are eligible to sit for coding certification

examinations. The program recommends the CCA exam (Certified Coding Associate). See the American Health Information Management Association Web site www.ahima.org for additional information regarding coding certification exams.

The medical coding certificate program is a *night track only*, 37-credit course of study that will prepare students for entry-level employment as medical coders. A new group of students begins each fall semester. The summer semester courses are very accelerated and the schedule is rigorous. The maximum number of students accepted is 24. Prospective students in the medical coding certificate program must meet criteria as outlined in program pre-application requirements. Fulfilling the criteria does not guarantee admission to the program. You must apply and be accepted into the program to take HIT courses.

The medical coding certificate program has been approved by the Ohio Board of Regents.

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SUGGESTED COURSE SEQUENCE

		Credit Hours
Fall – Semester I		
HIT121	Health Data Management and Delivery Systems	4
BIO125	Medical Terminology	3
HIT123	Healthcare Legal and Ethical Issues	2
BIO123	Principles of Human Structure and Function	5
		14
Spring – Semester II		
BIO124	Pathophysiology	3
BCA120	Business Computer Applications	4
BIO222	Pharmacology	3
HIT124	Clinical Classification Systems I	4
		14
Summer – Semester III		
HIT221	Clinical Classification Systems II	3
HIT228	Clinical Classification Systems III and Reimbursement	4
HIT231	Coding Professional Practice Experience/ Seminar †	2
		9

37 TOTAL CREDIT HOURS

† The coding professional practice experience is daytime only.

Note: All credits obtained in the medical coding certificate program can be applied to an associate of applied science degree in health information management technology. Entry is based upon seat availability.



A COLLEGE TECH PREP PARTICIPANT

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Medical Instrument Sterilization

Medical instrument sterilization technology is responsible for the correct decontamination processing and sterilization of all items in the hospital and/or clinic that require sterilization. The students in this program work in the central service area and are trained in principles, methods and control of the sterilization processes, cleaning, processing, packaging, distributing, storing and inventory control of sterile goods, instruments, trays, and equipment in the hospital/clinical setting.

The medical instrument sterilization technology program prepares students for professional careers as technicians employed by hospitals and medical clinics to sterilize and clean medical instruments used in surgical procedures and treatment of patients.

Graduates will be eligible to sit for the examination required to become a Certified Sterile Processing and Distribution Technician (CSPDT) after successful completion of the certificate program. Students who complete additional coursework and two additional semesters of study earn an associate of technical studies degree with a major in medical instrumentation sterilization technology.

The program is offered through a collaborative effort between Stark State College of Technology and Mercy Medical Center. Three of the four medical instrument sterilization courses are taught at Mercy Medical Center.

Requirements for admission into the program:

- complete the College admissions process
- submit a health program application to Academic Records/Registrar's Office
- college and high school transcripts provided and evaluated
- minimum GPA 2.0 overall preferred
- successful completion of College Mathematics or proficiency

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Medical Instrument Sterilization Certificate Program

SUGGESTED COURSE SEQUENCE

Semester I		Credit Hours
MIS121	Medical Instrument Sterilization I/Seminar	4
BIO101	Introduction to Anatomy and Physiology	3
IDS115	Master Student	3
BIO125	Medical Terminology	3
		<hr/>
		13
Semester II		
MIS122	Medical Instrument Sterilization II/Seminar	6
ENG124	College Composition †	3
MIS123	Introduction to Surgical Terminology/Microbiology	3
		<hr/>
		12
Semester III (Summer)		
MIS221	Medical Instrument Sterilization III/Seminar	6
		<hr/>
		6

31 TOTAL CREDIT HOURS

† Based on SSCT placement score.

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Medical Instrument Sterilization

Associate of Technical Studies Medical Instrument Sterilization Major

SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
MIS121	Medical Instrument Sterilization I/Seminar	4
BIO101	Introduction to Anatomy and Physiology	3
IDS115	Master Student	3
BIO125	Medical Terminology	3
		<hr/>
		13
Semester II		
MIS122	Medical Instrument Sterilization II/Seminar	6
ENG124	College Composition †	3
MIS123	Introduction to Surgical Terminology/Microbiology	3
BIO123	Principles of Human Structure and Function	5
		<hr/>
		17
Semester III (Summer)		
MIS221	Medical Instrument Sterilization III/Seminar	6
		<hr/>
		6
Semester IV		
BCA120	Business Computer Application	4
COM122	Communication Theory	3
PSY121	General Psychology	3
BIO124	Pathophysiology	3
		<hr/>
		13
Semester V		
COM121	Effective Speaking	3
	Elective (Arts, Humanities, Social Studies)*	3
BIO221	Principles of Microbiology	4
SOC121	Sociology	3
		<hr/>
		13

62 TOTAL CREDIT HOURS

† Based on SSCT placement score.

* An elective of at least 3 semester credit hours in the areas of arts, humanities or social studies must be completed

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Medical Laboratory Technology

Laboratory tests play an important part in the detection, diagnosis and treatment of many diseases. Medical laboratory technicians perform a wide variety of tests and laboratory procedures that require a high level of skill.

The medical laboratory technician analyzes the blood, tissues and fluids in the human body by using precision instruments such as microscopes and automated analyzers. Technicians assist in performing complicated chemical, microscopic and bacteriological tests including: blood cholesterol level; microscopic examination of the blood to detect the presence of diseases; and cultures of body fluid or tissue samples to determine the presence of bacteria, parasites or other microorganisms. Technicians may also type and crossmatch blood samples. Collection of blood samples by venipuncture and skin puncture is a required skill of medical technicians.

Technicians employed in small laboratories often perform a variety of tests, while those in large laboratories may specialize in areas such as microbiology, parasitology, clinical chemistry, blood banking and hematology. Medical

laboratory technicians are valued members of the health team. Graduates of the program are eligible to take the national certification exams given by the ASCP and NCA.

Applicants should review the program essential functions to determine if they meet these requirements, available from the program director.

The medical laboratory technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), which is sponsored by the American Society of Clinical Pathologists and the American Society (ASCLS) of Clinical Laboratory Scientists. NAACLS can be reached at 8410 West Bryn Mawr Avenue, Suite 670, Chicago, IL 60631-3415 • 773-714-8880 • www.naacls.org.

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SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
MLT121	Fundamentals of Laboratory Techniques	3
MLT122	Urinalysis	2
CHM121	General Chemistry	4
BIO123	Principles of Human Structure and Function***	5
MLT123	Hematology I	3
		17
Semester II		
MTH123	Intermediate Algebra*	3
MLT124	Hematology II	4
MLT125	Immuno-hematology	5
CHM122	Organic and Biological Chemistry	4
ENG124	College Composition †	3
		19
Interim Session		
MLT221	Immunology/Serology++	3
		3
Summer		
BIO221	Principles of Microbiology	4
	Elective****	1
	Elective****	1
		6
Semester III		
MLT222	Clinical Chemistry	5
MLT223	Clinical Microbiology	7
	Social Sciences Elective**	3
		15
Semester IV		
MLT224	Directed Practice/Seminar	10
		10

70 TOTAL CREDIT HOURS

† Based on SSCT placement score.

++ Class begins last several weeks of spring semester and concludes before beginning of summer semester.

* May substitute MTH121.

** May select from sociology and psychology offerings.

*** BIO121, BIO122 may be substituted.

**** Suggest two of the following one-credit courses: Microsoft Word, Excel, PowerPoint or Access, or Health Care Delivery in the U.S., a two-credit hour course or another elective per an advisor.

Note: It is recommended that students take Algebra before taking Chemistry.



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Medical Transcription Certificate Program

One-Year Certificate Program

Medical transcription is the art and science of producing a technically and grammatically correct typewritten report of the dictated word. Medical transcriptionists are medical language specialists who use headsets and transcribing/computer equipment to listen to recordings by physicians and other healthcare professionals. After reviewing and editing for grammar and clarity, the medical transcriptionist transcribes the dictated reports and returns them in either printed or electronic form to the dictator for review and signature or correction.

A medical transcriptionist's basic responsibility is to transcribe medical dictation into a complete and accurate report. Depending on the employment setting, the transcriptionist may also be responsible for carrying out other office duties.

To understand and accurately transcribe dictated reports, the medical transcriptionist must demonstrate an extensive knowledge of medical terminology, anatomy and physiology, pharmacology, human diseases, surgical procedures, diagnostic studies and laboratory tests. A medical transcriptionist must also be able to translate medical jargon and abbreviations into their expanded forms.

Characteristics needed to become a medical transcriptionist include: excellent English language and proofreading skills, a strong interest in medical language, good hearing acuity and listening ability, good keyboarding/typing skills, ability to sit and work for long hours, a high level of concentration for extended period of time and the ability to work independently.

Medical transcriptionists may be found in a variety of settings including the medical records department in a hospital, radiology/imaging departments, physician offices, outpatient facilities, outpatient surgery centers, government facilities, long term, mental health and social service facilities, medical transcription services and home offices. After gaining work experience, medical transcriptionists may work independently out of their homes or work at home as an employee of a hospital or transcription service.

According to the *Occupational Outlook Handbook*, demand for medical transcriptionists is expected to increase due to rapid growth in the healthcare industry spurred by a growing and aging population. Advancements in voice recognition technology are not projected to reduce the need for medical transcriptionists because these workers will continue to be needed to review and edit drafts of the medical report for accuracy.

Because of the nature of the program and the availability of resources and facilities, admission to the program is limited to a new class of 20 students each fall semester.

The program is a three-semester course of study combining classroom learning and practical experience leading to entry-level employment. At the end of the program, students who have successfully passed all the courses receive a certificate of completion. In addition, the student is earning college credits from an accredited institution, which may be applied to other courses of study in the future.

Prospective students in the medical transcription certificate program must meet criteria as outlined in program preapplication requirements. Fulfilling the criteria does not guarantee admission to the program. You must apply and be accepted into the program to take MTC courses.

The medical transcription certificate program has been approved by the Ohio Board of Regents.

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SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
BIO125	Medical Terminology	3
BIO123	Principles of Human Structure and Function	5
OAD121	Keyboarding/Formatting*	3
MTC121	Medical Transcription/Terminology I	5
		16
Semester II		
MTC122	Medical Transcription/Terminology II	5
OAD129	Keyboarding/Skillbuilding (8 wks)	1
ENG124	College Composition †	3
BIO124	Pathophysiology	3
		12
Summer		
BIO222	Pharmacology	3
MTC123	Advanced Medical Transcription	3
		6

34 TOTAL CREDIT HOURS

† Based on SSCT placement score.

* Recommend taking this course prior to beginning the program.

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Associate Degree in Nursing (ADN) Program

Nursing is a rewarding profession that combines technology with caring to assist people in obtaining and maintaining optimal health.

The associate degree nurse (ADN) practices in a variety of settings: hospitals, long-term and extended-care facilities, clinics and other health care agencies. The ADN graduate functions in three primary roles: provider of client care, manager of client care and member within the nursing discipline.

Using the methodology of the nursing process, the associate degree nurse formulates clinical judgments, collaborates with clients and other health care professionals, and practices within legal, ethical and social obligations.

Stark State College's ADN program consists of four semesters and a summer of academic coursework and hands-on learning experiences in the classroom, learning laboratory and clinical settings. The program prepares the individual to qualify for the licensing examination for registered nurses.

Applicants must fulfill the following requirements to be eligible for admission to the ADN program:

- Be a high school graduate with a GPA of 3.0 or better on a 4.0 scale within the last five years; or have obtained a GED certificate within the last five years; or have a college GPA of 3.0 or better in 12 hours or more of course work. The SSCT transcript will take precedence once 12 or more credit hours have been completed at SSCT.
- Have completed one year of high school chemistry and biology with a grade of "C" or better within the past five years, or show equivalency. A high school course in Algebra is essential for those attempting to test out of Introduction to Algebra.
- Complete Stark State's pre-admission test and take any courses recommended as a result of that test.
- Score 60% or higher on the National League for Nursing pre-admission examination for registered nurses. See the Information Packet for Nursing regarding specific guidelines for achievement of grades in pre-nursing and non-nursing courses.

An evening/weekend program is currently being offered to students who meet the listed admission requirements as well as having completed the following courses:

- BIO121: Anatomy and Physiology I,
 - BIO122: Anatomy and Physiology II,
 - CHM121: General, Organic, and Biological Chemistry Part I, and
 - CHM122: General, Organic, and Biological Chemistry Part II with a grade of "C" or better by June 1 of the admitting year.
- Meeting requirements for admission to the evening/weekend program does not guarantee admission to the evening/weekend nursing program. This program covers the same sequence in the same time frame as the weekday program.

A licensed practical nurse (LPN) admitted to Stark State College's ADN program with advanced standing admission (ASA) obtains 77 semester hours of credit at graduation.

LPNs must earn 22 hours of credit in specified courses before admission to the program. Upon satisfactory completion of the ACE test with a decision score of 70 in both sections of the test,

and satisfactory completion of *NUR 201: Transition for the LPN* (a five-credit hour course), LPNs will receive 20 hours of credit for first-level nursing courses. In addition, LPNs must complete the one-calendar-year curriculum plan RN completion for LPN sequence.

According to Section 4723.28 of the *Ohio Revised Code*, nursing students are responsible for informing the department chair/director of nursing, early and during the program, of any misdemeanor or felony convictions so that students may be informed of the steps the Ohio Board of Nursing will take before considering their application to sit for the licensing examination.

According to *Ohio HB327*: anyone previously convicted of, pleaded guilty to, or had a judicial finding of guilt for an egregious felony will be precluded from initial licensure. Egregious felonies are: aggravated murder, murder, voluntary manslaughter, felonious assault, kidnapping, rape, sexual battery, gross sexual imposition, aggravated arson, aggravated robbery and aggravated burglary.

Stark State College's associate degree of nursing (ADN) program has full approval by the Ohio Board of Nursing and is accredited by the National League for Nursing Accrediting Commission (NLNAC). NLNAC can be reached at: 61 Broadway, 33rd Floor, New York, NY 10006 • 1-800-669-1656.

Criminal Background checks will be required for all nursing students before beginning nursing courses and on an annual basis. Depending on the individual's criminal background, it may not be possible to provide required clinical placements.

Candidates who wish to sit for the NCLEX-RN (Registered Nurse Licensing Examination) will be required to submit their fingerprints to the Bureau of Criminal Identification and Investigation (BCII) and the Federal Bureau of Investigations (FBI).

For more details, contact the Ohio Board of Nursing Web site at www5.state.oh.us/nur

The Stark State College ADN program has the following written articulation agreements in place:

- Ashland University, Department of Nursing, Bachelor of Science in Nursing (BSN), RN-BSN completion onsite at SSCT.
- Malone College, Department of Nursing, Bachelor of Science in Nursing (BSN) degree-completion track for RNs (Canton, OH)
- Wayne College Joint Vocational High School nurse program and the Wayne Adult School of Practical Nursing (Smithville, OH)
- Portage Lakes Career Center, W. Howard Nicol School of Practical Nursing (Green, OH)
- Practical Nurse Program of Canton City Schools (Canton, OH)
- Robert T. White practical nurse program (Alliance, OH)
- Walsh University, B.S.N. Degree for the Registered Nurse (BSN-RN) Program (Canton, OH)

Transfer guidelines are available from the Admissions Department .

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Associate Degree in Nursing (ADN) Program

SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
NUR121	Fundamental Concepts of Nursing	6
BIO121	Anatomy and Physiology I	4
PSY121	General Psychology	3
CHM121	General, Organic and Biological Chemistry Part I	4
		17
Semester II		
NUR221	Nursing Care of Persons with Alterations in Health I	6
BIO122	Anatomy and Physiology II	4
CHM122	General, Organic and Biological Chemistry Part II	4
ENG124	College Composition †	3
		17
Summer		
NUR122	Nursing Care of the Child-bearing Family	4
NUR123	Nursing Care of Children	4
PSY123	Human Growth and Development	3
		11
Semester III		
NUR222	Nursing Care of Persons with Alterations in Health II	8
BIO221	Principles of Microbiology	4
SOC121	Sociology	3
		15
Semester IV		
NUR223	Nursing Care of Persons with Alterations in Health III	8
NUR224	Nursing Seminar	1
ENG224	Composition and Literature	3
		12

72 TOTAL CREDIT HOURS

RN Completion for LPN

SUGGESTED COURSE SEQUENCE

		Credit Hours
Summer		
NUR201	Transition for the LPN	5
PSY123	Human Growth and Development	3
		8
Fall		
NUR222	Nursing Care of Persons with Alterations in Health II	8
BIO221	Principles of Microbiology	4
SOC121	Sociology	3
		15
Spring		
NUR223	Nursing Care of Persons with Alterations in Health III	8
NUR224	Nursing Seminar	1
ENG224	Composition and Literature	3
		12

35 TOTAL CREDIT HOURS

† Based on SSCT placement score.



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Occupational Therapy Assistant (OTA) Technology

The profession of occupational therapy is concerned with providing services to individuals whose lives have been disrupted by accident or illness, birth defects, developmental problems, social or psychological problems. Occupational therapy personnel work in hospitals, schools, workshops, mental health centers, clinics and home-health agencies.

Occupational therapy assistants work under the supervision of the registered occupational therapist, helping patients achieve maximum independence in activities of daily living (ADL), instrumental activities of daily living, work, leisure and play, education and social participation.

Assistants help therapists in evaluating patients to determine patient and family needs. Once the therapist sets the treatment goals the assistants may be responsible for implementing therapy by using selected activities. Treatment may involve group activities such as role playing, games or work and discussion groups, or individual programs to help strengthen impaired muscles, to improve coordination or to compensate for perceptual problems. Assistants may also instruct and train patients in the use of specially designed devices to allow people with physical disabilities to dress or feed themselves, take care of their homes or return to work.

Coursework focuses on human development and the tasks and skills used in everyday life. Prospective students in the occupational therapy assistant technology program must have one year of high school biology or one semester of college anatomy and physiology and one year of high school algebra.

The occupational therapy assistant program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), 4720 Montgomery Lane, P.O. Box 31220 Bethesda, MD 20824-1220 • 301-652-2682. Graduates of the program will be eligible to sit for the *national certification examination* for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be a certified occupational therapy assistant (COTA). In addition, most states require licensure in order to practice; however, states licenses are usually based on the results of the *NBCOT Certification Examination*.

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Occupational Therapy Assistant (OTA) Technology

SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
BIO125	Medical Terminology	3
PSY121	General Psychology	3
ENG124	College Composition †	3
OTA121	Foundations of Occupational Therapy	3
OTA122	Therapeutic Media	3
		15
Semester II		
PSY221	Abnormal Psychology	3
COM122	Communication Theory	3
BIO123	Principles of Human Structure and Function*	5
OTA123	Psychosocial Aspects in Occupational Therapy	4
OTA124	Psychosocial Clinical Experience	3
		18
Semester III		
OTA223	Life Span Development	5
OTA221	Developmental Aspects in Occupational Therapy	4
OTA222	Developmental Clinical Experience	3
PTA226	Functional Anatomy	4
		16
Semester IV		
BIO124	Pathiophysiology	3
SOC121	Sociology	3
OTA224	OT Physical Dysfunction	4
OTA225	Physical Dysfunction Clinical Experience	3
		13
Semester V		
OTA226	OTA Seminar	2
OTA227	Clinical Application I (8 wks)	3
OTA228	Clinical Application II (8 wks)	3
		8

70 TOTAL CREDIT HOURS

† Based on SSCT placement score.

* May substitute BIO123 with BIO121 and BIO122.

All OTA students must complete Level II fieldwork within six months following completion of academic courses.

According to various sections of the Ohio Revised Code especially sections 4755.01 to 4755.12 and according to the rules and regulations of the occupational therapy (OT) section of the Ohio Occupational Therapy, Physical Therapy and Athletic Trainers Board (OT/PT/AT Board) and of the National Board for Certification of Occupational Therapy (NBCOT), persons convicted of any misdemeanor related to weapon violence, sexual offences, alcohol/drugs or a felony may be denied certification or licensure or may be refused placement by the clinical experience sites or may have restrictions placed on their ability to practice. This may effect your admission into the OTA program. Such persons are advised to contact the director of OTAT, the OT section of the Ohio OT/PT/AT Board, and/or NBCOT.



A COLLEGE TECH PREP PARTICIPANT

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Physical Therapist Assistant (PTA) Technology

Physical therapist assistants work under the supervision of physical therapists to rehabilitate ill or injured persons to the highest possible level of independent living. They also help to educate patients and other people about measures they can take to prevent disability from occurring or becoming worse.

Physical therapist assistants help therapists in testing patients to determine the extent of their capabilities. After the therapist sets goals and plans the treatment program for the patient, assistants may be assigned to perform selected treatments, using a variety of specialized equipment, various forms of heat, cold, light and electricity. Assistants may help patients perform therapeutic exercises to strengthen, stretch or relax muscles, promote circulation or enhance coordination.

Physical therapist assistants help patients learn correct walking procedures and perform everyday activities such as dressing, getting in and out of bed and chairs, using artificial limbs, braces and splints and standing properly. They also teach patients and family members about exercises or other activities to continue at home.

Assistants are responsible for reporting patient reactions to treatment and making suggestions for modifying treatment to their supervising therapist. They also help with documentation of patient progress, perform certain clerical duties and help give on-the-job training to non-licensed personnel working in the physical therapy department.

Upon successful completion of all didactic, laboratory and clinical requirements of the program, graduates become eligible to apply to take licensure examinations. The Ohio Occupational Therapy, Physical Therapy, Athletic Trainers Board must approve all applicants prior to obtaining licensure in the State of Ohio. Graduates must pass the Ohio Laws and Rules Examination and the National Physical Therapy Examination to be eligible to be licensed in Ohio. Licensure is mandatory prior to being able to practice as a physical therapist assistant in Ohio.

Prospective students in the physical therapist assistant technology (PTAT) must meet specific eligibility criteria as outlined in program prerequisite requirements.

The physical therapist assistant technology program is accredited by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association.

Any persons convicted of a felony or misdemeanor (regardless of the state or country in which the conviction occurred) or abuse alcohol or a controlled substance to the extent that it impairs professional competency may be denied acceptance into the physical therapist assistant technology program at Stark State College of Technology, may be refused acceptance of placement by clinical sites (which could prevent graduation from the program) or may be refused licensure as a physical therapist assistant. Such persons are advised to contact the program coordinator of the physical therapist assistant technology program and the executive director of the Ohio Occupational Therapy, Physical Therapy, and Athletic Trainers Board.

In an effort to meet the needs of students, courses required in each of the programs are scheduled in sequence to accommodate those attending on a full-time or part-time basis. All students should consult their academic advisors to plan their schedules and course sequence appropriately.

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Physical Therapist Assistant (PTA) Technology

SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
PHY101	Principles of Physics	4
PTA121	Fundamentals of Physical Therapy	4
PTA122	Musculoskeletal Anatomy	4
BIO123	Principles of Human Structure and Function **	5
		17
Semester II		
BIO125	Medical Terminology	3
COM122	Communication Theory *	3
PTA123	Kinesiology	4
PTA221	PTA Procedures I	5
BIO124	Pathophysiology	3
		18
Semester III (Summer)		
PTA124	Measurement Procedures for the PTA	2
PSY121	General Psychology	3
ENG124	College Composition †	3
PTA125	Professional Clinical Practice for the PTA	1
		9
Semester IV		
PSY222	Psychological Aspects of Therapy	3
PTA222	PTA Procedures II	5
OTA223	Life Span Development	5
PTA229	Directed Practice I	3
PTA228	Seminar I	2
		18
Semester V		
PTA223	PTA Procedures III	2
PTA231	Directed Practice II	2
PTA230	Seminar II	1
PTA227	Directed Practice III	3
		8

70 TOTAL CREDIT HOURS

† Based on SSCT placement score.

* COM121 may be substituted for this class.

** BIO121 and BIO122 may be substituted for this class.

This is a suggested course sequence. Only those marked PTA must be taken in this order. Course prerequisites stated in the catalog must be met.



A COLLEGE TECH PREP PARTICIPANT

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Respiratory Care Technology

Respiratory care is a healthcare specialty involved in the assessment, treatment, management, control, diagnostic evaluation and care of patients with deficiencies and abnormalities of the cardiopulmonary system.

Working under the direction of a physician, respiratory care practitioners perform specific therapeutic procedures in the newborn nursery, surgical and medical clinical areas, emergency rooms, outpatient departments and intensive-care units of hospitals. These procedures include the administration of medical gases, administration of breathing treatments and other bronchial-hygiene techniques. Respiratory therapy provides treatment for patients with acute illnesses who may require use of life-support equipment as well as the testing of patients using various diagnostic techniques.

Prospective students in the respiratory care technology program must meet specific eligibility criteria as outlined in the program's prerequisite requirements.

The respiratory care technology program provides opportunities for students to acquire the necessary skills by combining classroom learning with hospital

experience. Because of the nature of the program and the availability of resources and facilities, admission to the program is limited.

Graduates of the respiratory care technology program will be eligible to apply for the examinations for becoming a certified respiratory therapist (CRT), registered respiratory therapist (RRT) and licensed respiratory care practitioner. Licensure is required to practice as a respiratory care practitioner.

The respiratory care technology program is accredited by the Committee on Accreditation for Respiratory Care (CoARC).

According to various sections of the Ohio Revised Code with respect to Chapter 4761 Respiratory Care Regulations any persons with a plea of guilty to a judicial finding of guilt of, or a judicial finding of eligibility for intervention in lieu of conviction for an offense involving moral turpitude or of a felony or using dangerous drugs, as defined in section 4729.01 of the Revised Code, or use of alcohol to the extent that it impairs practice at an acceptable level of competence may not be accepted into the respiratory care technology (RCT) program at Stark State College; may not be able to take the licensure or certification examinations; may be refused acceptance of placement by the clinical sites; or may not be able to get license to practice respiratory care and be restricted in their ability to practice respiratory care. Such persons are advised to contact the director of the RCT program, and the executive director of the Ohio Respiratory Care Board.

In an effort to meet the needs of students, courses required in each of the programs are scheduled in sequence to accommodate those attending on a full-time or part-time basis. All students should consult their academic advisors to plan their schedules and course sequence appropriately.

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Respiratory Care Technology

SUGGESTED COURSE SEQUENCE

		Credit Hours
Semester I		
RCT121	Introduction to Respiratory Care	3
RCT122	Medical Gas Administration	3
MTH123	Intermediate Algebra	3
BIO123	Principles of Human Structure and Function	5
BIO125	Medical Terminology	3
		17
Semester II		
RCT123	Airway Management Procedure	3
RCT124	Pharmacology for Respiratory Therapy	2
RCT125	Clinical Practice Basic Procedures/Seminar	3
CHM121	General Chemistry	4
ENG124	College Composition †	3
		15
Semester III (Summer)		
RCT126	Introduction to Critical Care	3
RCT127	Cardiopulmonary Anatomy and Physiology	3
RCT128	Clinical Practice Airway Management/Seminar	2
		8
Semester IV		
RCT221	Advanced Respiratory Therapy Procedures	3
RCT222	Respiratory Diseases	3
RCT224	Clinical Practice-Critical Care/Seminar	3
BIO221	Principles of Microbiology	4
	Social Sciences Elective*	3
		16
Semester V		
RCT223	Patient Assessment and Monitoring	3
RCT225	Clinical Practice-Specialty Rotations/Seminar	5
BCA120	Business Computer Applications	4
	Psychology Elective**	3
		15

71 TOTAL CREDIT HOURS

† Based on SSCT placement score.

* May select from sociology offerings only.

** May select from psychology offerings only.



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