

HEALTH SCIENCES

Certificates:

- *Pharmacy Technology*
- *Practical Nursing – Level I (Full and Part –time programs)*
- *Surgical Technology*

Associate in Applied Science:

- *Cardiac Sonography*
- *Nursing – Level II (Full and Part-time programs)*
- *Surgical Technology*

Other:

- *Nursing Assistant Course*

Partnership Programs

- *Davenport University*
- *Ferris State University*
- *Franklin University*
- *Mid Michigan Community College*

See information on our partnership programs on the web at

<http://www.kirtland.edu/students/transferfrom/>

Foundation

Kirtland Community College recognizes the importance of students possessing basic academic skills in English, reading, and mathematics in order to successfully complete college-level courses. Therefore, all entry-level students are required to demonstrate their proficiency in basic academic skills, as these courses are the foundation for success in all programs. The student's advisor will indicate which of the following courses need to be taken based on ACT scores or COMPASS placement testing results. It is highly recommended that students take these courses during the first semester in order to prepare for the road ahead, as well as possibly satisfying prerequisites needed for more advanced courses. Specific courses needed may be tracked below. *Students must plan additional time to complete their program requirements if placement results demonstrate the need to begin with preparatory courses (courses numbered less than 10000).*

- | | |
|--------------------------------------------------------------|---------------------------------------------|
| <input type="checkbox"/> ENG-10000 Writing Lab (if required) | <input type="checkbox"/> Mathematics: _____ |
| <input type="checkbox"/> English: _____ | <input type="checkbox"/> Reading: _____ |

For more information, please contact the Health Sciences Department.	
Anne Essmaker	989-275-5000, ext. 372
MTEC Advisor	989-305-7600

NURSING ASSISTANT COURSE

Credits: 6
Contact Hours: 8

Kirtland Community College offers a nursing assistant course each semester to prepare students to take the state examination to be certified as a Nursing Assistant. The course is offered each semester at both the Roscommon campus and the M-TEC SM at Gaylord campus. *The student is responsible for paying the fee to take the certification exam.*

Prerequisites

ENG-08601 (Basic Reading Skills). COMPASS testing may be required to determine reading level.

Course	Title	Credits
ALH-10400	Nursing Assistant	6

Notes:

- Conviction for some criminal offenses may render a candidate ineligible for taking course and/or the certification examination. A criminal background check is required at the student's expense. Information regarding this is available in the Health Career's office.
- Students are required to complete the course with a grade of "C" or better.
- A student must be at least 18 years of age.
- There are abilities (with or without accommodation) that a student in this program must have. A list of these abilities can be obtained from the Health Sciences advisor. Based on history and physical examination findings, and these required abilities, which include a Tuberculin Skin Test within the last nine months, a recommendation from a health care provider is required prior to beginning the program. The appropriate forms are available in the Health Careers office.

FOR ADVISING IN THE ABOVE PROGRAMS PLEASE CALL ANNE ESSMAKER (989) 275-5000, EXT 372



PHARMACY TECHNOLOGY

Certificate of Completion (CPHM0)

Minimum Credits: 25
Contact Hours: 38

Introduction: The Pharmacy Technology program at Kirtland is a 2-semester certificate program that prepares the student for entry-level pharmacy technician positions in hospitals, retail stores and other special areas of pharmacy practice where he/she will work under the supervision of a registered pharmacist. During the final semester of the program, the student will develop additional skills and knowledge necessary for the entry-level pharmacy technician by spending 288 hours in hospital, retail settings, and specialty areas in an internship under the direct supervision of a pharmacist. Upon completion of this program the student will be prepared to take the Pharmacy Technician Certification Board National Certification Exam.

Admission Requirements – Pharmacy Technology: Applicants must be granted regular admission to Kirtland and meet the following requirements to be considered for admission to the Pharmacy Technology program:

- COMPASS testing to determine competency in MTH-07300/07400 (Basic Algebra with lab), ENG-09000 (Fundamentals of English), ENG-09601 (College Reading Skills).
- Computer skills are essential to program success (Internet, email, word processing).
- Students requesting admission to the program must submit a “Request for Admission to Pharmacy Technology Program” form (available in Health Science) and turn it into the Health Sciences Office between December 1 and March 1 of the calendar year in which the student is requesting admission to the Pharmacy Technology program. Late applications will be accepted if seats are available after all on-time applicants have been evaluated. Acceptance letters will be mailed by the first week of June.

Note: If applicants exceed the number of available seats in the program, priority will be given to students with required prerequisites completed, then by date of KCC application where Pharmacy Technology is declared to be the program of study or by the date the program of study was changed to Pharmacy Technology, and then by residence within the local service area. Local service area consists of Kirtland’s four-county district, those counties that have portions within Kirtland’s district, and certain counties that are contiguous to Kirtland’s district.

Prerequisites: Students must successfully complete or otherwise demonstrate competency in each of the following courses before being admitted to pharmacy technology program.

Course	Title	Credits
MTH-07300/07400	Basic Algebra & Algebra Lab <i>or competency</i>	0-5
ENG-09000	Fundamentals of English <i>or competency</i>	0-3
ENG-09601	College Reading Skills <i>or competency</i>	0-3

Program admission is required before the following courses can be taken:

Semester I – Fall		
PHM-10000	Introduction to Pharmacy Technology	6
PHM-10100	Pharmacology and Pharmacy Calculation	3
BIO-10700	Essentials of Anatomy and Physiology (C+ or better)	4
Semester II - Winter		
PHM-10200	Issues in Pharmacy Technology	3
PHM-10300	Pharmacy Technology Clinical	6
SPE-11400	Intro. to Interpersonal/Public Communication	3

Notes

- Conviction for some criminal offenses and any drug or substance related offense will render a candidate ineligible for writing the certification examination.
- Felony convictions and misdemeanor convictions involving abuse or neglect of vulnerable populations or any drug or related substance offense will prohibit admission to clinical agencies (a requirement of the program).
- There are abilities (with or without accommodation) that a student in this program must have. A list of these abilities can be obtained from the health science advisor. Based on history and physical examination findings, and these required abilities, a recommendation from a health care provider is required prior to beginning the program.
- The above information is applicable for students entering the program in the 2011/2012 school year. Students entering the program in future years will be subject to the requirements outlined in the applicable catalog.
- A minimum grade of “C+” is required in all Pharmacy Technology (PHM) program courses.
- Successfully complete all prerequisite and general education courses with a “C” or better grade except where noted.
- It is recommended that BIO-10700 be completed prior to beginning the program.

FOR ADVISING IN THE ABOVE PROGRAM PLEASE CALL Anne Essmaker (989) 275-5000, EXT 372.

CARDIAC SONOGRAPHY

Associate in Applied Science (DSON1)

Minimum Credits: 80.5
Contact Hours: 106.5-120

Introduction

A Cardiac Sonographer (echocardiographer) is a health care professional who uses high frequency sound waves to obtain diagnostic recordings and measurements from the ultrasound image of the heart; this data is used by a physician to diagnose and treat various health care problems. A thorough understanding of cardiac anatomy, physiology, hemodynamics, and pathophysiology is required. This program leads to an Associate in Applied Science – Cardiac Sonography degree, and prepares the students to be eligible for the Cardiovascular Credentialing Institute (CCI) exam to obtain their registry. There are special admission requirements to the sonography program; it is the student’s responsibility to understand the requirements and to adhere to them as listed below.

Admission Requirements

To be admitted to the Cardiac Sonography program a separate application is required. Applications can be obtained from the M-TEC office or online and are accepted between February 1 and April 1 for the next Fall Semester (August) and between June 1 and August 1 for the next Winter Semester (January). *All prerequisite and general education courses must be completed with a grade of C or better, except for Essentials of Anatomy & Physiology which requires a grade of B or better.* (Anatomy & Physiology I & II may be completed with a grade of “C” or better if used in place of Essentials of Anatomy & Physiology.) Students eligible for admission will be ranked by the date in which Cardiac Sonography was declared to be their program of study (either on original application or by the change of program form). Students will be admitted in cohort groups. Students who are admitted to the program must plan to take the courses in sequence and include summer semester. No waiting list is maintained for this program. Students must reapply each semester if not accepted into the program for the semester requested. The College reserves the right to extend the application period when warranted.

Prerequisite and General Education Courses—Required for program eligibility:

Course	Title	Credits
ALH-10101	Medical Terminology	1-2
ALH-20203	Professional CPR (See advisor prior to taking)	0-0.5
BIO-10700 Or BIO-23500 And BIO-23600	Essentials of Anatomy & Physiology (“B” or better) Or Anatomy & Physiology I (“C” or better) And Anatomy & Physiology II (“C” or better)	4-8
CIS-10500	Introduction to Computers	3
ENG-10000	Writing Lab, if required	0-1
ENG-10303	English Composition I w/Computers	3
ENG-10403	English Composition II w/Computers	3
MTH-12000	Intermediate Algebra or competency	0-4
POL-10100	Introduction to American Government	3
PSY-10100	Introduction to Psychology	3
SPE-_____	Speech Elective	3
	Humanities Elective	2-4

Program Courses (program admission required; courses must be taken as outlined)

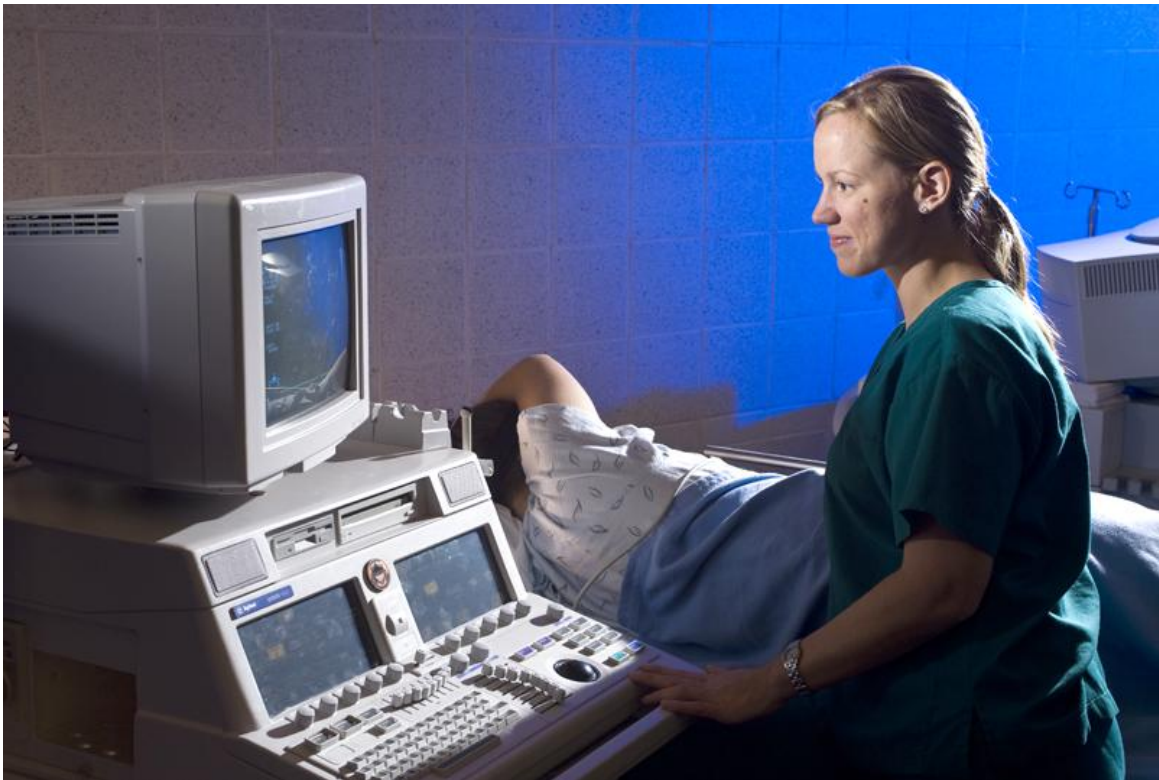
Course	Title	Credits
Semester One:		
SON-10000	Into to Sonography Patient Care	2
SON-10600	Cardiovascular A & P	4
SON-11000	Ultrasound Physics	3
SON-11600	Cardiac Principles I	3
SON-11700	Cardiac Principles Lab I	4
Semester Two:		
SON-12500	Echo I	3
SON-13100	Cardiac Principles II	3
SON-13200	Cardiac Principles Lab II	4
SON-13500	Clinical Practice I	2
Semester Three:		
SON-15000	Echo II	3
SON-15600	Cardiac Principles III	3
SON-15700	Cardiac Principles Lab III	4
SON-16000	Clinical Practice II	2
Semester Four:		
SON-22000	Externship	15.5

Continued on the following page

Important Notes:

- A minimum grade of “C+” is required in all Sonography (SON) courses.
- Students accepted to the Cardiac Sonography program will be required to submit to a complete criminal background fingerprinting review. A fee for this may be required. Felony convictions and certain misdemeanor convictions may prohibit admission to the sonography program due to the inability to place students with certain convictions in clinical facilities.
- There are abilities (with or without accommodation) that a student in this program must have. A list of these abilities can be obtained from the Health Sciences advisor. Based on history and physical examination findings, and these required abilities, a recommendation from a health care provider is required prior to beginning the program.
- Professional provider CPR certification must be obtained no earlier than three months prior to the start of the first semester of the Cardiac Sonography program.
- Prerequisite courses may be repeated one time only in order to obtain the required minimum grade.
- The above information is applicable for students entering the program in the 2011/2012 school year. Students entering the program in future years will be subject to the requirements outlined in the applicable catalog.

FOR ADVISING IN THE ABOVE PROGRAM , PLEASE CALL (989) 705-3600.



PRACTICAL NURSING—LEVEL I
Certificate of Completion (CLPN0)

Minimum Credits: 37
Contact Hours: 58.5-64.5

Introduction: The Level I Nursing program at Kirtland is designed to prepare students for entry-level positions as practical nurses. Following successful completion of this program, graduates are eligible to take the licensure exam to practice as a Licensed Practical Nurse (LPN). The program is also designed to provide career mobility and a foundation for continued learning by serving as the first year of the associate degree nursing program. Students can attend school and complete the nursing program on a part-or full-time basis; however, it must be completed within two years after beginning nursing courses. Programs are offered at both the Central campus in Roscommon and the M-TECSM campus in Gaylord. Each class of nursing students is considered a cohort (group) and courses/schedules are assigned. Students must consult with the Health Sciences advisor before making any schedule changes or changing from full-time to part-time.

Admission Requirements - Practical Nursing - Level I: Applicants must be granted regular admission to Kirtland and meet the following requirements to be considered for admission to the Practical Nursing program:

- Computer skills are essential to program success (Internet, email, word processing).
- Successfully complete all required prerequisite courses with a grade of “C” or better, except where noted.
- Recommend attending a Pre-Nursing Orientation. Schedules are posted in Health Sciences.
- Students requesting admission to the program must obtain a “Request for Admission to Nursing” form, available in the Health Sciences Department and online, and submit it to the Health Sciences office between December 1 and March 1 of the calendar year in which the student is requesting admission to the nursing program. Acceptance letters will be mailed by the first week of June for the full-time program which begins each fall semester and by the first week of October for the part-time program which begins each winter semester.

Note: If applicants exceed the number of available seats in the program, priority will be given to students with required prerequisites and general education courses completed, then by date of KCC application where nursing is declared to be the program of study or by the date the program of study was changed to nursing, and then by residence within the local service area. Local service area consists of Kirtland’s four-county district, those counties that have portions within Kirtland’s district, and certain counties that are contiguous to Kirtland’s district.

Prerequisites: Students must successfully complete the following courses before being admitted to the nursing program:

Course	Title	Credits
ALH-10101	Medical Terminology	1-2
ALH-20203	Professional CPR (taken just prior to program OR substitute professional CPR taken within 3 months prior to start of clinical)	0-0.5
BIO-10700 Or BIO-23500 And BIO-23600	Essentials of Anatomy & Physiology *See note Or Anatomy & Physiology I And Anatomy & Physiology II <i>Note: Any A & P course must be completed with a grade of “B” or better.</i>	4-8
MTH-07300	Basic Algebra or competency	0-4
MTH-07400	Basic Algebra Lab, if required	0-1
ENG-10000	Writing Lab, if required	0-1
ENG-10303	English Composition I w/Computers	3

Program admission is required before students can enroll in the following courses:

Semester I – Fall		
NUR-10300	Nursing Essentials	2
NUR-10502	Foundations of Nursing	3
NUR-10700	Mental Health Concepts	1
NUR-10803	Nursing Practice Lab	3
NUR-10804	Nursing Clinical I	2
NUR-10900	Pharmacology I	2
Semester II - Winter		
NUR-12304	Nursing Clinical II	5
NUR-12503	Adult Medical-Surgical Nursing	4
NUR-12800	Maternal-Child Nursing Care	2
NUR-20900	Pharmacology II	2
Semester III – Summer		
NUR-13302	Current Issues in Nursing	1
NUR-13402	Nursing Clinical III	2

***Note: Starting Fall semester 2012, BIO 23500 (A & P I) and BIO 23600 (A & P II) will be required for Level I (not BIO 10700).**

Continued on the following page

PART-TIME OPTION: Students also have the option of completing this program on a part-time basis in five semesters. Information about the semester sequence for part-time students is available from the health careers advisor. Program work must be completed within two years.

Notes:

- Conviction for some criminal offenses may render a candidate ineligible for writing the examination (NCLEX-PN) for state licensure.
- Felony convictions and misdemeanor convictions involving abuse or neglect of vulnerable populations will prohibit admission to clinical agencies which is a requirement of the nursing program. A specific fingerprinting background check is required. This is at the student's expense. These forms are provided upon acceptance into the program.
- There are abilities (with or without accommodation) that a student in this program must have. A list of these abilities can be obtained from the health sciences advisor. Based on history and physical examination findings and these required abilities, a recommendation from a health care provider is required prior to beginning the program.
- Professional provider CPR certification must be obtained no earlier than three months prior to the start of the first clinical.
- The above information is applicable for students entering the nursing program in the 2011/2012 school year. Students entering the program in future years will be subject to the requirements outlined in the applicable catalog.
- A minimum grade of "C+" is required in all nursing program courses.
- Prerequisite courses may be repeated one time only to obtain the required grade.
- A minimum 2.5 grade point average is required for admission to the Level I nursing program.

FOR NURSING PROGRAM ADVISING, PLEASE CALL ANNE ESSMAKER (989) 275-5000, EXT 372



ASSOCIATE DEGREE IN NURSING – LEVEL II

Minimum Credits: 69

Associate in Applied Science (DADN1)

Contact Hours: 67-73.5 (Beyond Level I Program)

Introduction: The Associate in Applied Science in Nursing program is designed to prepare students for entry-level positions as registered nurses and to provide continued learning and career mobility in nursing for licensed practical nurses. The Associate in Applied Science in Nursing Program is the Level I (practical nursing) plus the Level II program. Graduates of Level I must have earned a 3.0 or higher G.P.A. in prerequisite and Level I course work to be considered for admission into the Level II program. Students can attend school and complete the Level II program on a full- or part-time basis; however, once the program has begun, it must be completed within two years. Following successful completion of Level II, graduates are eligible to take the licensure exam to practice as a Registered Nurse (RN). Each class of nursing students is considered a cohort (group) and courses/schedules are assigned. Students must consult with the health science advisor before making any schedule changes or changing from full-time to part-time. Graduates of the Level II program are qualified to enter the many B.S.N. completion programs available.

Admission Requirements Associate Degree Nursing - Level II: Applicants must be granted regular admission to Kirtland and meet the following requirements to be considered for admission to the Associate Degree Nursing program:

- Submit official transcripts demonstrating successful completion of an approved practical nursing program within the last three years. The applicant who graduated more than three years ago must demonstrate 12 months of clinical experience in an acute or skilled care setting within the last three years or successfully complete the Adult Medical-Surgical Nursing course (NUR-12503) and/or satisfactorily complete Nursing Skills Lab (NUR-106--) and/or Nursing Seminar (NUR-255--) within the last academic year.
- If a current LPN and a graduate of another nursing school, a minimum of one year's current work experience as an LPN is required.
- Computer skills are essential to program success (Internet, email, word processing).
- Students requesting admission to the program must obtain a "Request for Admission to Nursing" form, available in the Health Sciences office and online, and submit it to the Health Science office between December 1 and March 1 of the calendar year in which the student is requesting admission to the nursing program. Acceptance letters will be mailed by the first week of June for the full-time program which begins each fall semester and by the first week of October for the part-time program which begins each winter semester.
- Successfully complete all prerequisite courses with a grade of C or better except where noted.

Note: If applicants exceed the number of available seats in the program, priority will be given to students with required prerequisites and general education courses completed, then by date of KCC application where nursing is declared to be the program of study or by the date the program of study was changed to nursing, and then by residence within the local service area. Local service area consists of Kirtland's four-county district, those counties that have portions within Kirtland's district, and certain counties that are contiguous to Kirtland's district.

Prerequisites: Students must successfully complete the following courses before being admitted to the Level II program.

Course	Title	Credits
	Successful completion (GPA 3.0 or higher) of Level I or other Practical Nursing program with experience	20*
ALH-20203	Professional CPR or Professional Provider CPR taken within 3 months of program	0-0.5
BIO-23500	Anatomy & Physiology I (B or better)	4
BIO-23600	Anatomy & Physiology II (B or better)	4
BIO-23700	Pathophysiology (C + or better)	3
ENG-10403 Or ENG-10602	English Composition II Or Technical Writing	3
MTH-12000	Intermediate Algebra or competency	0-4
POL-10100	Intro to American Government	3
PSY-10100	Intro to Psychology	3
	Any Speech course	3
	Any Humanities Elective	2-4
NUR-10900 And NUR-20900	Pharmacology I And Pharmacology II	0-4

*Students with current LPN licenses may be granted 20 credits toward this program upon presentation of their license.

Program Admission required before the following courses can be taken:

Course	Title	Credits
Semester I – Fall		
NUR-22001	Nursing Assessment	3
NUR-23200	Family Centered Pediatrics	2
NUR-24201	Community Mental Health Nursing	2
NUR-24302	Community Mental Health Clinical	1.5
NUR-24600	Nursing Care of Women & Families	2
NUR-24900	Pediatric/Women's Health Clinical	1.5
Semester II – Winter		
NUR-22201	Critical Thinking in Adult Care	5
NUR-22300	Adult Nursing Clinical	5
NUR-25201	Professional Practice	2

Continued on the following page

PART-TIME OPTION: Students also have the option of completing this program on a part-time basis in three semesters. Information about the semester sequence for part-time students is available from the health science advisor. Program work must be completed within two years.

Notes:

- Conviction for some criminal offenses may render a candidate ineligible for writing the examination (NCLEX-RN) for state licensure.
- Felony convictions and misdemeanor convictions involving abuse or neglect of vulnerable populations will prohibit admission to clinical agencies which is a requirement of the nursing program. A federal fingerprinting procedure at student's expense is required as part of the final admission requirements for the program. These forms are provided upon acceptance into the program.
- There are abilities (with or without accommodation) that a student in this program must have. A list of these abilities can be obtained from the health careers advisor. Based on history and physical examination findings, and these required abilities, a recommendation from a health care provider is required prior to beginning the program. These forms are provided upon acceptance into the program.
- Professional provider CPR certification must be obtained no earlier than three months prior to the start of the first clinical semester.
- The above information is applicable for students entering the nursing program in the 2011/12 school year. Students entering the program in future years will be subject to the requirements outlined in the applicable college catalog.
- A minimum grade of "C+" is required in all nursing program courses.

FOR NURSING PROGRAM ADVISING, PLEASE CALL ANNE ESSMAKER (989) 275-5000, EXT 372



SURGICAL TECHNOLOGY
Certificate of Completion (CSRG0)

Minimum Credits: 43
Contact Hours: 74-79.5

Introduction: The Surgical Technology program at Kirtland is designed to prepare students for entry-level positions as surgical technicians. Following successful completion of this program, graduates are eligible to take the national certification exam to practice as a Certified Surgical Technician. The program must be completed within one year after beginning the surgical technology courses. Programs are offered at the Kirtland campus in West Branch. Each class of Surgical Technology students is considered a cohort (group) and courses/schedules are assigned. Students must consult with the advisor for health sciences for advising.

Admission Requirements – Surgical Technology: Applicants must be granted regular admission to Kirtland and meet the following requirements to be considered for admission to the Surgical Technology program:

- Computer skills are essential to program success (Internet, email, word processing).
- Successfully complete all required prerequisite courses with grade of “C” or better, except where noted.
- A minimum grade of “C+” is required for BIO-23500 and BIO-23600 courses.
- Students requesting admission to the program must submit a “Request for Admission to Surgical Technology Program” form, available in Health Sciences, and turn it into the Health Sciences office between December 1 and March 1 of the calendar year in which the student is requesting admission to the surgical technology program. Acceptance letters will be mailed by the first week of June.

Note: If applicants exceed the number of available seats in the program, priority will be given to students with required prerequisites completed, then by date of KCC application where Surgical Technology is declared to be the program of study or by the date the program of study was changed to Surgical Technology, then by residence within the local service area. Local service area consists of Kirtland’s four-county district, those counties that have portions within Kirtland’s district, and certain counties that are contiguous to Kirtland’s district.

Prerequisites: Students must successfully complete the following courses with a “C” or better grade before being admitted to the surgical technology program.

Course	Title	Credits
ALH-10101	Medical Terminology	1-2
ALH-20203	Professional CPR (taken just prior to program or substitute professional CPR taken within 3 months prior to start of program)	0-0.5
BIO-23500	Anatomy & Physiology I (“C+” or higher required)	4
BIO-23600	Anatomy & Physiology II (“C+” or higher required)	4
ENG-10000	Writing Lab, if required	0-1
ENG-10303	English Composition I w/Computers	3
MTH 12000	Intermediate Algebra or competency	0-4

Program admission is required before the following courses can be taken:

Semester I – Fall		
SUR-10000	Fundamentals of Surgical Technology	3
SUR-10100	Surgical Asepsis	2
SUR-10200	The Surgical Patient	2
SUR-10300	Surgical Pharmacology	2
SUR-10400	Basic Operative Procedures	2
SUR-10700	Fundamental Surgical Techniques	5
Semester II - Winter		
SUR-20000	Advanced Surgical Procedures	3
SUR-20100	Intermediate Surgical Techniques	5
SUR-20200	Advanced Surgical Techniques	5
SUR-20300	Surgical Professional Practice	2

Notes

- Conviction for some criminal offenses may render a candidate ineligible for writing the examination.
- Felony convictions and misdemeanor convictions involving abuse or neglect of vulnerable populations will prohibit admission to clinical agencies which is a requirement of the program.
- There are abilities (with or without accommodation) that a student in this program must have. A list of these abilities can be obtained from the health sciences advisor. Based on history and physical examination findings, and these required abilities, a recommendation from a health care provider is required prior to beginning the program. These forms are provided upon acceptance into the program.
- Professional provider CPR certification must be obtained no earlier than three months prior to the start of the first program semester.
- The above information is applicable for students entering the program in the 2011/2012 school year. Students entering the program in future years will be subject to the requirements outlined in the applicable catalog.
- A minimum grade of “C+” is required in all Surgical Technology (SUR) program courses.

FOR ADVISING IN THE ABOVE PROGRAM PLEASE CALL Anne Essmaker (989) 275-5000, EXT 372.

SURGICAL TECHNOLOGY

Associate in Applied Science (DSRG0)

Minimum Credits: 60
Contact Hours: 91-95.5

Introduction: The Surgical Technology program at Kirtland is designed to prepare students for entry-level positions as surgical technicians. Following successful completion of this program, graduates are eligible to take the national certification exam to practice as a Certified Surgical Technician. The program must be completed within one year after beginning the Surgical Technology courses. The program is offered at the Kirtland campus in West Branch. Each class of Surgical Technology students is considered a cohort (group) and courses/schedules are assigned. Students must consult with the advisor for health sciences for advising.

Admission Requirements – Surgical Technology: Applicants must be granted regular admission to Kirtland and meet the following requirements to be considered for admission to the Surgical Technology program:

- Computer skills are essential to program success (Internet, email, word processing).
- Successfully complete all required prerequisite courses with grade of “C” or better, except where noted.
- A minimum grade of “C+” is required for BIO 23500 and BIO 23600 courses.
- Students requesting admission to the program must submit a “Request for Admission to the Surgical Technology Program” form (available in the Health Sciences office) and turn it into the Health Sciences office between December 1 and March 1 of the calendar year in which the student is requesting admission to the surgical technician program. Acceptance letters will be mailed by the first week of June.

Note: If applicants exceed the number of available seats in the program, priority will be given to students with required prerequisites and general education courses completed, then by date of KCC application where Surgical Technology is declared to be the program of study or by the date the program of study was changed to Surgical Technology, then by residence within the local service area. Local service area consists of Kirtland’s four-county district, those counties that have portions within Kirtland’s district, and certain counties that are contiguous to Kirtland’s district.

Prerequisite Courses--Students must successfully complete the following courses with a “C” or better grade before being admitted to the Surgical Technology program:

Course	Title	Credits
ALH-10101	Medical Terminology	1-2
ALH-20203	Professional CPR (taken just prior to program or substitute professional CPR taken within 3 months prior to start of program)	0-0.5
BIO-23500	Anatomy & Physiology I (C+ or higher required)	4
BIO-23600	Anatomy & Physiology II (C+ or higher required)	4
ENG-10000	Writing Lab, if required	0-1
ENG-10303	English Composition I w/Computers	3
MTH 12000	Intermediate Algebra or competency	0-4

The following General Education Courses are also required for the AAS degree, and may be obtained before or after the program courses.

Note: A “C” or better is required:

ENG-10403	English Composition II w/Computers	3
POL-10100	Introduction to American Government	3
PSY-10100	Introduction to Psychology	3
	Any Humanities Elective	2-4
	Any Speech course	3
	Elective, if needed	0-2

Program admission is required before the following courses can be taken:

Semester I – Fall		
SUR-10000	Fundamentals of Surgical Technology	3
SUR-10100	Surgical Asepsis	2
SUR-10200	The Surgical Patient	2
SUR-10300	Surgical Pharmacology	2
SUR-10400	Basic Operative Procedures	2
SUR-10700	Fundamental Surgical Techniques	5
Semester II - Winter		
SUR-20000	Advanced Surgical Procedures	3
SUR-20100	Intermediate Surgical Techniques	5
SUR-20200	Advanced Surgical Techniques	5
SUR-20300	Surgical Professional Practice	2

Notes

- Conviction for some criminal offenses may render a candidate ineligible for writing the national certification examination.
- Felony convictions and misdemeanor convictions involving abuse or neglect of vulnerable populations will prohibit admission to clinical agencies which is a requirement of the program.
- There are abilities (with or without accommodation) that a student in this program must have. A list of these abilities can be obtained from the health sciences advisor. Based on history and physical examination findings, and these required abilities, a recommendation from a health care provider is required prior to beginning the program.
- Professional provider CPR certification must be obtained no earlier than three months prior to the start of the first clinical semester.
- The above information is applicable for students entering the program in the 2011/2012 school year. Students entering the program in future years will be subject to the requirements outlined in the applicable catalog.
- A minimum grade of “C+” is required in all Surgical Technology (SUR) program courses. A minimum grade of “C” or better is required in all general education and prerequisite courses, except where noted.

FOR ADVISING IN THE ABOVE PROGRAM PLEASE CALL Anne Essmaker (989) 275-5000, ext. 372.



Radiography

The Radiography program is a collaborative program offered by an agreement between Kirtland Community College and Mid Michigan Community College. The program is designed to prepare graduates to function as members of the health team in hospitals, clinics, government and military installations, industry, and public health. In addition to classroom instruction and experience in the laboratory, the student will receive on-the-job practical education in radiology departments of local hospitals participating in the program.

The prerequisite and general education courses are taken at Kirtland Community College and can be completed in one year. The second year will be taken at Mid Michigan Community College. The third year will be a clinical internship at area hospitals. Program graduates are eligible to take the American Registry of Radiologic Technologists certification examination. Mid Michigan Community College confers the associate degree.

The collaborative program has many benefits for students at Kirtland including the following:

- Most general education and prerequisite courses can be taken at Kirtland. HUM-200 must be taken at Mid Michigan Community College.
- Mid Michigan has a limited number of reserved seats for qualified Kirtland students ready to be admitted into the program.
- Kirtland students who are in the program and ready for their clinical internship in a hospital will be assigned to an in-district hospital.

FOR ADVISING IN THE ABOVE PROGRAM, PLEASE CONTACT

Mary Kehoe (989) 275-5000, ext. 440

Or Anne Essmaker (989) 275-5000, ext. 372