

**TRANSFER GUIDE FOR
 NORTH CENTRAL COMMUNITY COLLEGE**

**Associate in Applied Science Degree
 DIAGNOSTIC MEDICAL SONOGRAPHY
 Effective Fall 2008**

Home Page	Contact	Phone
http://www.ferris.edu/htmls/colleges/alliedhe/	Michelle Weemaes Program Coordinator Diagnostic Medical Sonography College of Allied Health Sciences Ferris State University 200 Ferris Drive Big Rapids MI 49307-2740 weemaesm@ferris.edu	1-800-GO-BULLDOGS or 231/591-2261

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris State University. The information on this guide is subject to change; students should contact the College of Allied Health Sciences to keep informed of changes (see "contact" above). Final responsibility for verifying all transfer information lies with the students.

QUALIFICATION CHECKLIST FOR APPLICATION

For Admission to the Professional Sonography Sequence: Students should officially apply to the professional sequence **between January 15 and January 30** if they will have their qualifications completed by the end of the previous Fall Semester for consideration for the following Fall semester start.

Please refer to the **Policy for Admission to the Professional Sequence for CAHS Clinical Programs** and to the **Frequently Asked Question (FAQ) for the Application and Admission Process**. These links can be accessed at the College of Allied Health Sciences Home Page. See below.

COURSE / QUALIFIERS	Minimum CREDITS	Minimum GRADE REQUIRED
Academic Status: <ul style="list-style-type: none"> Minimum Standard: Maintain GPA of 2.5 or higher 	NA	NA
Math Competency: <ul style="list-style-type: none"> ACT Subscore of 24 or higher <u>or</u> MATH 115 (*in 2 attempts) 	NA 3	NA C
ENGL 150 English 1 (*in 2 attempts)	3	C
Medical Terminology Competency <ul style="list-style-type: none"> MRIS 102 Orientation To Medical Vocabulary (*in 2 attempts) 	1	C
BIOL 109 Basic Human Anatomy & Physiology (*in 2 attempts)	4	C
PHYS 130 Concepts of Physics (*in 2 attempts)	4	C

CAHS Pre-Professional Advisor: Linda Kuk
 Contact Information: kukl@ferris.edu 1-800-GO-BULLDOGS, ext. 2270; Office: VFS 210B

Be sure to watch the Sonography Website for Program updates. Application Guidelines & Forms can be accessed on the CAHS Website: <http://www.ferris.edu/htmls/colleges/alliedhe/index.cfm>

*Please refer to the Sonography Progression Policy for guidelines regarding repeated courses. Available at the Sonography website: http://www.ferris.edu/htmls/colleges/alliedhe/program_template.cfm?ProgramID=8

The following is a list of courses students must complete to earn the degree. Community college equivalents are listed below and may be taken prior to transferring to Ferris. If a program will accept a course as a substitution, the word "sub" will follow the community college course number. Blank spaces in the community college column indicate there are no course equivalents or substitutions available.

REQUIRED	COURSE TITLE – FSU PREREQUISITES SHOWN IN BRACKETS ()		FSU HOURS	COURSE AT North Central CC
----------	--	--	-----------	----------------------------

COMMUNICATION COMPETENCE: 9 CREDITS REQUIRED

ENGL	150	English 1	3	ENG 111
ENGL	250	English 2 (ENGL 150 grade of C- or higher required)	3	ENG 112
Recommended: COMM Also Accepted: COMM	105 221 121	Interpersonal Communication Small Group Decision-making Fundamentals of Public Speaking	3	COM 170 OR 231 OR 111

QUANTITATIVE SKILLS: PROFICIENCY OR COURSE REQUIRED

*MATH	115	ACT – Math subscore of 24 or higher or MATH 115 grade of C		MTH 113 or 114
-------	-----	--	--	-------------------

SOCIAL AWARENESS: 3 CREDITS REQUIRED

CULTURAL ENRICHMENT: 3 CREDITS REQUIRED

SCIENTIFIC UNDERSTANDING: 8 CREDITS REQUIRED

*BIOL	109	Basic Human Anatomy & Physiology	4	BIO 133
*PHYS	130	Concepts of Physics (Math 110 C- or 19 ACT or 460 SAT)	4	PHY 101

CAHS CORE REQUIREMENTS: 5 CREDITS REQUIRED

CCHS	101	Orientation to Health Care	3	
CCHS	102	Safety Issues in Health Care	1	
CCHS	103	Clinical Skills	1	
*MRIS	102	Orientation to Medical Vocabulary or Medical Terminology Competency		OAS 116
ISYS	105	Introduction to Microcomputer Systems and Software or Computer Competency		CIS100

COURSES TO BE COMPLETED AT FERRIS STATE UNIVERSITY

SONOGRAPHY MAJOR: 54 CREDITS REQUIRED

SONO	100	Introduction to Diagnostic Medical Sonography	1	
SONO	102	Introduction to Sonographic Imaging	1	
SONO	104	Introduction to Ultrasound Physics	3	
SONO	105	Sonography Physics Laboratory	1	
SONO	111	Sonography Pathophysiology of Abdominal Organs	2	
SONO	112	Abdominal Imaging Laboratory	1	
SONO	115	Sonography Cross Sectional Anatomy	1	
SONO	117	Introduction to Sonographic Interpretation	2	
SONO	121	Introduction to OB/GYN Imaging	3	
SONO	122	OB/GYN Imaging Laboratory	1	
SONO	131	Hemodynamic and Doppler Principles	1	
SONO	132	Hemodynamic and Doppler Laboratory	1	
SONO	280	Clinical Internship 1	8	
SONO	281	Small Parts and Invasive Procedures	4	

SONO	282	Clinical Internship II	8	
SONO	283	OB/GYN Imaging II	4	
SONO	284	Clinical Internship III	8	
SONO	285	Sonographic Interpretation II	4	