



## ULTRASOUND TECHNOLOGY CERTIFICATE OF APPLIED SCIENCE

### ADVISING WORKSHEET 2020-2021

Jacket Student Central  
Phone: 406-247-3019  
Fax: 406-247-3095

Name \_\_\_\_\_

Student ID \_\_\_\_\_

Course	Credits	Grade	Semester	Equivalent
<b>Program Entrance Requirements</b>				
Anatomy & Physiology (200 level)				
Education: Associates w/clinical or Bachelor				
Licensure/Registration/Certification for Associate Degree				

#### Ultrasound Technology Prerequisites

AHMS	144	Medical Terminology	3			
COMX	106	Communicating in a Dynamic Workplace	3			
WRIT	104	Workplace Communications	3			
CAPP	120	Introduction to Computers	3			
M	111	Technical Mathematics	3			

Prior to applying to the Ultrasound Technology CAS program, students must be admitted to City College and meet all program prerequisite courses in addition to being a currently licensed, registered, or certified medical professional in an approved medical field. Students must have a minimum overall grade point average (GPA) of 2.0 and a grade of "C" or better in all prerequisite courses. Please speak with an Academic Advisor for details.

#### Required Courses

AHUS	100	Intro to Ultrasound Imaging	3			
AHUS	101	Instrumentation	3			
AHUS	102	Abdomen	3			
AHUS	103	Obstetrics/Gynecology	3			
AHUS	104	Clinical Experience I	4			
AHUS	105	Clinical Experience II	4			
AHUS	106	Cross Sectional Anatomy	3			
AHUS	107	Ultrasound Physics	3			
AHUS	108	Clinical Experience III	4			

TOTAL MINIMUM CREDITS REQUIRED FOR DEGREE **45**  
A grade of "C" (2.0) or higher is mandatory in all courses

Transcript evaluation (if applicable) completed by: \_\_\_\_\_ on \_\_\_\_\_

### ***Suggested Plan of Study***

<b>Prerequisite Semester</b>	<b>Credits</b>	<b>First Semester (Fall)</b>	<b>Credits</b>
AHMS 144	3	AHUS 100	3
COMX 106	3	AHUS 101	3
CAPP 120	3	AHUS 102	3
M 111	3	AHUS 104	4
WRIT 104	3	<b>TOTAL</b>	<b>13</b>
<b>TOTAL</b>	<b>15</b>		

<b>Second Semester (Spring)</b>		<b>Third Semester (Summer)</b>	
AHUS 103	3	AHUS 107	3
AHUS 105	4	AHUS 108	4
AHUS 106	3	<b>TOTAL</b>	<b>7</b>
<b>TOTAL</b>	<b>10</b>		

### **Program Specific Information**

#### **PROGRAM ENTRANCE REQUIREMENTS TO THE ULTRASOUND TECHNOLOGY PROGRAM**

1. Prior Education Requirement: **NEW-Updated 3/29/20**

- A single two-year allied health education degree from a regionally accredited that is patient-care related - (American Registry for Diagnostic Medical Sonography-ARDMS) defines this as (1) 24 full-time consecutive calendar months or (2) 60 semester credits or (3) 84 quarter credits (45) and requiring a clinical internship/externship to complete the program)

or

- Bachelor's degree (any major) or foreign degree equivalent to a Bachelor's degree in the U.S.

2. Completed a 200 level Anatomy & Physiology course with a grade of C or higher **NEW**

3. Current licensure, certification or registration in an approved medical field

4. Hold a minimum number of patient care hours (volunteer, clinical, work) **NEW**

5. Completion of the prerequisite courses with the required minimum GPA

- The competitive applications for the Ultrasound CAS are due the term before the start of the program. Prior to applying to the Ultrasound Technology CAS program, students must be admitted to City College and meet all of the program entrance requirements and prerequisites.
- The didactic (lecture) and laboratory classes will be completed online and via hybrid learning. The program is currently anticipating having students physically on the City College campus one weekend in both the fall and spring semesters and one week (five days) in the summer term. The

clinical internship portion of the program will be completed at hospitals, other clinical facilities, and the City College lab. Students, in conjunction with the Ultrasound Director, will select clinical sites. An Affiliation Agreement must be signed before the student can start their core ultrasound courses.

- Upon successful completion of the Ultrasound CAS, students are encouraged to sit for the American Registry of Diagnostic Medical Sonographers (ARDMS) examination.
- Conviction of a crime (misdemeanor or felony) could leave an individual ineligible for participation in the certifying test and/or becoming registered in Montana or other states. Background checks are required prior to clinical internships. Please contact the ARDMS to complete an Ethics Review if there may be a potential problem.



## 2020-2021 Ultrasound Technology

### CAS Plan of Study

Name \_\_\_\_\_

Student I.D. \_\_\_\_\_

Semester \_\_\_\_\_

Semester \_\_\_\_\_

Course	Credits	Course	Credits
		AHUS 100	3
		AHUS 101	3
		AHUS 102	3
		AHUS 104	4
<b>Total</b>		<b>Total</b>	<b>13</b>

Semester \_\_\_\_\_

Semester \_\_\_\_\_

Course	Credits	Course	Credits
AHUS 103	3	AHUS 107	3
AHUS 105	4	AHUS 108	4
AHUS 106	3		
<b>Total</b>	<b>10</b>	<b>Total</b>	<b>7</b>

Number of earned credits that apply toward certificate: \_\_\_\_\_

Number of credits left to earn for certificate: \_\_\_\_\_

**CERTIFICATION:** The courses listed are **required** for the student's certificate.

Advisor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_