



# Student Catalog Addendum

This catalog addendum updates several courses in the Cardiovascular Sonography program in the 2023 Student Catalog and supersedes all previously referenced CVS course updates.

## Course Updates – Cardiovascular Sonography Program

In order to prepare students for their certification exams, effective with the January 29, 2024, term start, IBT has updated the theory and lab hours required to complete several courses. Accordingly, students have been allocated more time in CVS2203 Acoustical Physics and CVS2209 Registry Review II. These changes are reflected in the updated course chart below. Note, however, that CVS program length, total number of credits required, course descriptions, and all other program details remain the same.

		Theory Contact Hours	Lab Contact Hours	Practicum Contact Hours	Total Contact Hours	Quarter Credits
<b>Major Core Courses</b>						
CLAB 1101	Clinical Laboratory	24	36	0	60	4
CVPH1101	Cardiovascular Pharmacology	24	0	0	24	2
MEDT1301	Medical Terminology I	24	0	0	24	2
MEDT1302	Medical Terminology II	24	0	0	24	2
MEDP 1303	Medical Procedures with Laboratory	48	48	0	96	7
MOM 1101	Medical Office Management	48	0	0	48	4
CVS1101	Vascular Techniques I Theory	24	0	0	24	2
CVS1101L	Vascular Techniques I Laboratory	0	48	0	48	2
CVS1102	Vascular Techniques II Theory	24	0	0	24	2
CVS1102L	Vascular Techniques II Laboratory	0	48	0	48	2
CVS1105	Principles of Electrophysiology	24	12	0	36	2
CVS1106	Echocardiography Techniques I Theory	24	0	0	24	2
CVS1106L	Echocardiography Techniques I Laboratory	0	48	0	48	2
CVS1109	Registry Review I	24	0	0	24	2
CVS2202L	Vascular Techniques III Laboratory	0	48	0	48	2
CVS2202	Vascular Techniques III Theory	24	0	0	24	2
CVS2203	Acoustical Physics	30	0	0	30	3
CVS2204	Sonographic Anatomy and Pathophysiology	36	0	0	36	3
CVS2207	Echocardiography Techniques II Theory	24	0	0	24	2
CVS2207L	Echocardiography Techniques II Laboratory	0	48	0	48	2
CVS2208	Echocardiography Techniques III Theory	24	0	0	24	2
CVS2208L	Echocardiography Techniques III Laboratory	0	48	0	48	2
CVS2209	Registry Review II	48	0	0	48	4
PDEV1100	Professional Development	12	0	0	12	1
	<b>Clinical Practicum: Students will select to take either courses CVS2211P and CVS2212P OR courses CVS 2213P and 2214P</b>					
CVS2211P	Echocardiography Clinical Practicum I	0	0	480	480	16
CVS2213P	Vascular Sonography Clinical Practicum I					
CVS2212P	Echocardiography Clinical Practicum II	0	0	480	480	16
CVS2214P	Vascular Sonography Clinical Practicum II					
	<b>Total Hours</b>	<b>510</b>	<b>384</b>	<b>960</b>	<b>1854</b>	<b>92</b>
<b>General Education Courses</b>						
BSC 1085	Anatomy & Physiology I (1 <sup>st</sup> 6 weeks)	40	0	0	40	4
BSC 2085L	Anatomy & Physiology I Laboratory (1 <sup>st</sup> 6 weeks)	0	40	0	40	2

BSC 1086	Anatomy & Physiology II (2 <sup>nd</sup> 6 weeks)	40	0	0	40	4
BSC 2086L	Anatomy & Physiology II Laboratory (2 <sup>nd</sup> 6 weeks)	0	40	0	40	2
CCA 1101	Computer Concepts and Applications	12	36	0	48	3
ENC 1101	Composition I	40	0	0	40	4
ENC 1102	Composition II	40	0	0	40	4
MAT 1033	College Algebra	40	0	0	40	4
PHYS 1101	Conceptual Physics	48	24	0	72	6
PSY 2012	General Psychology	40	0	0	40	4
	<b>Total Hours</b>	<b>300</b>	<b>140</b>	<b>0</b>	<b>440</b>	<b>37</b>
	<b>Total Program Hours</b>	<b>810</b>	<b>524</b>	<b>960</b>	<b>2294</b>	<b>129</b>