

PVCC CURRICULUM SHEET 2015-2016

Diagnostic Medical Sonography

Associate of Applied Science

Code: 109

NOT designed as a Transfer Program

Student Name: _____ Student ID Number: _____

SEMESTER	REQUIRED COURSES	COURSE DESCRIPTION	CREDITS	PLAN TO TAKE	GRADE
General Education Courses ⁵	SDV 100/101/108	Orientation	1		
	ENG 111	College Composition I	3		
	ENG 112	College Composition II	3		
	BIO 141	Anatomy and Physiology I	4		
	BIO 142	Human Anatomy and Physiology II	4		
	MTH 115	Technical Math ¹	3		
	PHY 100	Elements of Physics	4		
	_____	Social Science Elective ²	3		
_____	Humanities Elective ^{2,3}	3			
First Semester	DMS 206	Introduction to Sonography	2		
	DMS 207	Sectional Anatomy	2		
Second Semester	DMS 208	Ultrasound Physics & Instrumentation I	2		
	DMS 211	Abdominal Sonography	4		
	DMS 231	Clinical Education I	3		
Third Semester	DMS 209	Ultrasound Physics & Instrumentation II	2		
	DMS 219	Ultrasound Physics & Instrumentation Lab	1		
	DMS 221	Ultrasound Seminar I	3		
	DMS 232	Clinical Education II	4		
Fourth Semester	DMS 212	Obstetrical & Gynecological Sonography	4		
	DMS 223	Intro to Vascular Ultrasound	3		
	DMS 233	Clinical Education III	5		
Fifth Semester	DMS 222	Sonography Registry Review ⁴	3		
	DMS 234	Clinical Education IV	6		

Total Minimum Credits to Complete the A.A.S. Degree in Diagnostic Medical Sonography = 72

¹Students may substitute a higher-level math course to include: MTH 163, MTH 164, MTH 173, MTH 174, MTH 180 or MTH 240

²List of courses that fulfill the requirement for Humanities and Social Science Electives can be found on the back of this sheet.

³Introductory (101 or 102 level) foreign language courses will not meet the humanities elective requirement for this program.

⁴ **Graduation Requirement:** 1. Students entering the Diagnostic Medical Sonography degree program are required to take one Writing Intensive Course, which has a prerequisite of ENG 111 and ENG 112, in order to graduate. The Writing Intensive Course for this program is **DMS 222**. Students who are awarded transfer academic credit for this course at another institution may fulfill the Writing Intensive Course (WIC) requirement for this degree programs by completing another Writing Intensive Course (WIC). 2. Earned a cumulative grade point average of at least 2.0 and in good standing.

⁵Completion of general education courses is one criteria used to make admissions decisions.

Sequence of PVCC Developmental English Courses

ENF 1 → ENF 3/ENG 111 or ENG 111

ENF 2 → ENF 3/ENG 111 or ENG 111

Sequence for ESL Students:

ESL 12 → ESL 13 → ENG 111

Sequence of PVCC Developmental Math Courses

MTE 1 → MTE 2 → MTE 3 → MTE 4 → MTE 5

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MTE 9 ← MTE 8 ← MTE 7 ← MTE 6

Approved Humanities Course Electives

ARA* 101, ARA 102, ARA 201, ARA 202
ART 100, ART 101, ART 102, ART 121, ART 122, ART 125,
ART 131, ART 132, ART 138, ART 153, ART 154, ART 231,
ART 232, ART 235, ART 236, ART 238, ART 241, ART 242,
ART 259, ART 271, ART 272
ASL* 101, ASL 102, ASL 201, ASL 202
CHI* 101, CHI 102
CST 130, CST 131, CST 132, CST 141, CST 142, CST 229,
CST 250
DAN 200, DAN 210
ENG 211, ENG 212, ENG 241, ENG 242, ENG 243, ENG 244,
ENG 250, ENG 251, ENG 252, ENG 253, ENG 254, ENG 255,
ENG 271, ENG 272, ENG 273, ENG 274, ENG 276
FRE* 101, FRE 102, FRE 201, FRE 202
GER* 101, GER 102, GER 201, GER 202
HUM 201, HUM 202, HUM 241, HUM 242, HUM 259
ITA* 101, ITA 102, ITA 201, ITA 202
JPN* 101, JPN 102, JPN 201, JPN 202
LAT* 101, LAT 102, LAT 201, LAT 202
MUS 121, MUS 122, MUS 221, MUS 222, MUS 225
PHI 100, PHI 101, PHI 102, PHI 111, PHI 200, PHI 220, PHI
227, PHI 260, PHI 266, PHI 276
REL 200, REL 210, REL 215, REL 216, REL 230, REL 233, REL
237, REL 240, REL 246
RUS* 101, RUS 102, RUS 201, RUS 202
SPA* 101, SPA 102, SPA 201, SPA 202

* 100 level foreign language courses may NOT be used to satisfy the humanities graduation requirement in programs where only one humanities course is required. In programs with two humanities courses, only one 100 level foreign language course may be used to satisfy the humanities graduation requirement.

Note to students transferring credits TO PVCC: Transferred courses may fulfill a requirement under PVCC's approved electives (above). To receive credit for a specific PVCC elective from transferred courses, registrar's approval will be required.

Note to students transferring credits FROM PVCC TO FOUR-YEAR INSTITUTIONS: Although a course fulfills a requirement for a PVCC program, it is possible the same course will not fulfill a requirement at a four-year institution. Students who plan to transfer need to be aware of the four-year institution's requirements.

Note: Students may petition the appropriate dean to substitute a course not listed on this list.

Approved Mathematics Course Electives

MTH 152, MTH 157, MTH 163, MTH 164, MTH 173, MTH 174, MTH 180, MTH 240, MTH 271, MTH 277, MTH 279, MTH 286

Approved Science with Lab Course Electives

BIO 101, BIO 102, BIO 106, BIO 107, BIO 141, BIO 142, BIO 150, BIO 206, BIO 256, BIO 270
CHM 101, CHM 102, CHM 111, CHM 112, CHM 241, CHM 242, CHM 243, CHM 244, CHM 260, CHM 261
GOL 105, GOL 106, GOL 111
NAS 131, NAS 132
PHY 201, PHY 202, PHY 241, PHY 242

Approved Social Science Course Electives

ECO 201, ECO 202, ECO 245
GEO 210, GEO 220
HIS 101, HIS 102, HIS 111, HIS 112, HIS 121, HIS 122, HIS 127, HIS 141, HIS 142, HIS 211, HIS 269, HIS 270, HIS 276, HIS 277, HIS 281, HIS 282
PLS 120, PLS 135, PLS 211, PLS 212, PLS 215, PLS 216, PLS 225, PLS 241, PLS 242
PSY 200, PSY 215, PSY 225, PSY 230, PSY 235, PSY 236
SOC 200, SOC 215, SOC 225, SOC 236, SOC 252, SOC 266, SOC 268