

**Marion Technical College
Graduating Class of 2022
College Mission Statement**

The mission of the College is to provide an enriched and personal educational experience for our community

DMS Program Mission Statement

To provide an environment for student sonographers to become qualified and competent technologists in a healthcare setting. We partner with the healthcare community to provide higher education for sonographers. The school encourages the process of life-long learning.

<ul style="list-style-type: none"> ○ Goal 1: “To prepare competent entry-level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains for the following concentration (s) it offers: Abdominal sonography-Extended and Obstetrics and gynecology sonography.” 						
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Actual Outcome	Action Taken
Students/Graduates will provide patient care.	Semester Evaluation Form (Question # 2)	Students will average ≥ 3.5 on a scale of 2.8-4.0	DMS 1301 (4th semester) DMS 2500 (6 th semester)	Clinical Coordinator	The class average was 4 th Semester: 3.6 6 th Semester: 3.6	Students continue to provide appropriate patient care.
Students/Graduates will perform protocols in a systematic and thorough manner.	Semester Evaluation Form (Question # 9)	Students will average ≥ 3.5 on a scale of 2.8-4.0	DMS 1301 (4th semester) DMS 2500 (6 th semester)	Clinical Coordinator	The class average was 4 th Semester: 3.6 6 th Semester: 3.6	Students are able to perform acceptable protocols.
Student/Graduates will optimize technical factors.	Semester Evaluation Form (Question #4)	Students will average ≥ 3.5 on a scale of 2.8-4.0	DMS 1301 (4th semester) DMS 2500 (6 th semester)	Clinical Coordinator	The class average was 4 th Semester: 3.5 6 th Semester: 3.6	Students optimize technical factors.

Action/Analysis:

We continue to struggle with 1st pass rate of mid-term and final practicals in scan lab. Discuss and develop an improvement or action plan during advisory committee meeting.

Implemented Trajecsys for Clinical Tracking

Final Clinical Instructor Evaluation scores used in place of CC evaluation scores for DMS 1301: This was due to clinical sites refusing visitors due to Covid-19

Implemented safety net policy. Implemented individual investigations for student who struggle scanning during 1st and 2nd in on campus labs.

Goal #2: The student will demonstrate critical thinking, problem solving skills and proper ergonomics.																								
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Actual Outcome	Action Taken																		
Students/Graduates will exercise independent judgment, critical thinking skills and follows process for documenting critical findings	Semester Evaluation Form (Question # 11)	Students will average ≥ 3.5 on a scale of 2.8-4.0	DMS 1301 (4th semester) DMS 2500 (6th semester)	Clinical Coordinator	4 th Semester: 3.5 6 th Semester: 3.6	Benchmark met. We continue to work on the continued development of critical thinking skills.																		
	College Graduate Competency	Students must receive a minimum score of 75% or 12 points	DMS 2500 (6 th semester)	Program Director	Average score 15.23	Benchmark met.																		
Students/Graduates will adapt to difficult situations with proper ergonomics while fulfilling required duties.	Semester Evaluation Form (Question # 11)	Students will average ≥ 3.5 on a scale of 2.8-4.0	DMS 1301 (4th semester) DMS 2500 (6th semester)	Clinical Coordinator	4 th Semester: 3.5 6 th Semester: 3.6	Benchmark met. We continue to work with students on probe manipulation and proper ergonomics.																		
	Clinical Test Scores	Students achieve a minimum clinical test grade of 75% or above	DMS 1301 (4th semester) DMS 2500 (6th semester)	Clinical Coordinator	4 th Semester: 89.05% 6 th Semester: 93.80%	Benchmark met. We solicit feedback from CI at clinical sites to improve student experience.																		
Employers are satisfied with graduate problem solving (Cognitive) skills.	Employer Survey Overall Rating	Students will average ≥ 3.0 on a scale of 1-5	Annually	Program Director	All employers score graduates with a rating of	Benchmark met. Employers continue to be happy with new hires. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>5</td> <td>4</td> <td>3</td> <td>2</td> <td>1</td> <td>N</td> </tr> <tr> <td>8</td> <td>3</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>66.6%</td> <td>25%</td> <td>8.3%</td> <td></td> <td></td> <td></td> </tr> </table>	5	4	3	2	1	N	8	3	1	0	0	0	66.6%	25%	8.3%			
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Action/Analysis:

We continue to work on proper ergonomics. We distribute information from SDMS and WRMSDS. We focus on arm abduction and transducer grip. Evaluation questions were added to all evaluation forms.

Goal #3: Students will be able to communicate.						
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Actual Outcome	Action Taken
Students/Graduates will demonstrate oral communication skills.	Semester Evaluation Form (Question #2)	Students will average ≥ 3.5 on a scale of 2.8-4.0	DMS 1301 (4th semester) DMS 2500 (6th semester)	Clinical Coordinator	4 th Semester: 3.6 6 th Semester: 3.6	We continue to work with students to develop appropriate patient report regarding history and exam findings.
	DMS 2050– Pathology Oral Presentation Rubric	Students will average 19 pts of a possible 24 pts.	Spring Quarter Final quarter	Course Instructor	The class average was a 22.67	Benchmark met.
Students/Graduates will demonstrate written communication skills.	DMS 2050 Pathology Written Presentation Rubric	Students will average 19 pts of a possible 24 pts.	Spring Quarter Final quarter	Course Instructor	The class average was a 22.58	Benchmark met.
	Semester Evaluation Form (Question # 2 & 11)	Students will average ≥ 3.5 on a scale of 2.8-4.0	DMS 1301 (4th semester) DMS 2500 (6th semester)	Clinical Coordinator	4 th Semester: 3.6 6 th Semester: 3.6	We continue to work with students to develop appropriate patient report regarding history and exam findings

Action/Analysis:

Goal #4: Students will facilitate the development of professional attitudes, behaviors, ethics, and diversity and inclusion within the framework of the diagnostic medical sonography profession.						
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Actual Outcome	Action Taken
Student/Graduates will exhibit professional ethical standards.	Ethics Final Exam (update coming 2023)	The student will average an 80 %	DMS 1010	Course Instructor	The class average was 88.4%	Benchmark met. Updated goals and SLO's to include diversity inclusion. Developed better suited measurement tool.
Students/Graduates will summarize their professional obligations upon	Semester Evaluation Form (Question # 2)	Students will average ≥ 3.5 on a scale of 2.8-4.0	DMS 1301 (4th semester) DMS 2500 (6 th semester)	Clinical Coordinator	The class average was 4 th Semester: 3.6 6 th Semester: 3.6	Journal article reviews are implemented in clinical courses.

gaining their ARDMS or ARRT.	College Graduate Competency	Students receive a minimum competency score of 39 points of a possible 52 pts.	DMS 2500 (6 th semester)	Program Director	The class average was 48.71	Benchmark met. Students believe they are well prepared to enter the job market.
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Action/Analysis:

We are working on redesign of final review course. Goals and student outcomes will remain the same. The focus will be placed on completion of mock exams and registry review content specs. We will submit appropriate forms to curriculum committee to increase the class time for DMS 2070. DMS 2070 will become a 2 CR course in spring of 2025. This is to improve the pass rates of specialty exams.

Program Effectiveness

Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Results
Students/Graduates will pass the national certification examination on the 1 st attempt.	National Certification Exam 1 st Time Pass Rates	75% or higher each year 5-year Avg 80% or higher	12 months post-graduation (or upon completion by all)	Program Director	10 of the 12 attempted the abdominal exam. 6 passed for 60% pass rate. 6 of the attempted the ob/gyn specialty exam. 4 of the 6 passed for 66% pass rate. Standard from JRCDS met but our benchmark was not met. We are working on redesign of DMS review course.

Students/Graduates will be gainfully employed within 6 months post-graduation.	Verbal Communication	Of those seeking employment, 75% of graduates will find employment within 6 months. Calculation is based on 5-year average.	12 months post-graduation (or upon completion by all)	Program Director	12 of the 12 graduates have obtained employment. 100% job placement rate One student obtained employment but is currently not working.									
Students/Graduates will complete the program.	Graduation roster	The yearly retention rate of $\geq 75\%$	Upon graduation.	Program Director	12 of the 14 students graduated from the program. 87.5% retention rate. 1 student dropped for personal reasons. 1 student failed out due to grades.									
Graduates will be satisfied with their education.	Graduate Survey Section 5	Survey results will indicate an average ≥ 3 on a scale of 1-5.	Last week of classes	Program Director	Rate the overall program quality and your preparation as an entry-level sonographer 3 (25%) 8 (66.6%) 1 (8.3%)									
Employers will be satisfied with the performance of newly hired sonographers.	Employer Survey Overall Rating	Survey results will indicate an average ≥ 3 on a scale of 1-5.	12 months post-graduation (or upon completion by all)	Program Director	<table border="1"> <tr> <td>5</td> <td>4</td> <td>3</td> </tr> <tr> <td>8</td> <td>3</td> <td>1</td> </tr> <tr> <td>66.6%</td> <td>25%</td> <td>8.3%</td> </tr> </table>	5	4	3	8	3	1	66.6%	25%	8.3%
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