**Amarillo College Curriculum Map Template**

**Division:** Health Sciences **Degree/Academic Program(s):** Sonography (SONO.AAS) **Person Responsible for Division**: Mark Rowh, Dean  **Component Director/Chair:** Megan Chambers Program Director **Submission Date:** 10/19/15 **Purpose Statement:**

Dedicated to educate students who will graduate as competent and compassionate sonographers who are committed to providing care to our community.

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| **Goal #1:**  **To graduate sonographers who demonstrate an understanding of sonographic practices** | | | | | |
| **Program-Specific Courses** | **PLO #1:**  **Students will discuss historical events in sonography** | **PLO #2:**  **Students will recognize principles of sonographic physics** | **PLO #3:**  **Students will practice clinical skills in sonography** | **PLO #4:**  **Students will interpret sonographic findings** | **PLO #5:**  **Students will evaluate clinical history and adjust protocol to meet patient’s needs** |
| **1210** | **I** | **I** |  |  |  |
| **1302** |  | **I** |  |  |  |
| **1206** |  | **I** | **I** | **I** | **I, D** |
| **1405** | **D** | **I** | **I,D** | **I** | **I** |
| **1342** |  | **D** |  |  |  |
| **2253** |  |  | **D** | **D** | **D** |
| **2405** | **D** | **D** | **D** | **D** | **D** |
| **1391** |  | **M** |  |  |  |
| **2257** | **M** | **M** |  | **M** | **M** |
| **2245** |  | **M** | **M** | **M** | **M** |
| **2366** |  | **M** | **M** | **M** | **M** |

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| **Goal #2:**  **To graduate sonographers who apply judgement and action beyond set protocols** | | | | | |
| **Program-Specific Courses** | **PLO #1:**  **Students will recognize pathology with minimal supervision** | **PLO #2:**  **Students will distinguish artifacts from pathology** | **PLO #3:**  **Students will be able to interpret sonographic findings with minimal supervision** | **PLO #4:**  **Students will analyze sonographic findings and be able to provide differential diagnoses to the radiologist** | **PLO #5:**  **Students will document augmented views to further evaluate suspected pathology** |
| **1210** | **I** | **I** |  |  |  |
| **1302** |  | **I, D** |  |  |  |
| **1206** | **I, D** | **D** | **I** | **I** | **I** |
| **1405** | **I, D** | **D** | **D** | **D** | **D** |
| **1342** |  | **D** |  |  |  |
| **2253** | **I, D** | **I, D** | **D** | **D** | **D** |
| **2405** | **I, D** | **I, D** | **D** | **D** | **D** |
| **1391** | **I, D** | **I, D** | **D** | **D** | **D** |
| **2257** | **M** | **M** | **M** | **M** | **M** |
| **2245** | **M** | **M** | **M** | **M** | **M** |
| **2366** | **M** | **M** | **M** | **M** | **M** |

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| **Goal #3:**  **To graduate sonographers that recognize and evaluate pathology** | | | | | |
| **Program-Specific Courses** | **PLO #1:**  **Students will describe and identify suspected pathology** | **PLO #2:**  **Students will distinguish artifact from pathology** | **PLO #3:**  **Students will modify protocol to better demonstrate pathology** | **PLO #4:**  **Students will examine clinical history and other imaging or laboratory values to support differential diagnoses given** | **PLO #5:**  **Students will explain and defend findings to the radiologist** |
| **1302** |  | **I** |  |  |  |
| **1206** | **I, D** | **I, D** | **I, D** | **I, D** | **I** |
| **1405** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **1342** |  | **D** |  |  |  |
| **2253** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **2405** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **1391** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **2257** | **M** | **M** | **M** | **M** | **M** |
| **2245** | **M** | **M** | **M** | **M** | **M** |
| **2366** | **M** | **M** | **M** | **M** | **M** |

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| **Goal #4: To graduate sonographers that utilize critical thinking skills and are clinically competent** | | | | | |
| **Program-Specific Courses** | **PLO #1:**  **Students will label anatomy and plane orientation accurately** | **PLO #2:**  **Students will discuss and describe sonographic findings with peers and providers** | **PLO #3:**  **Students will demonstrate their skill and ability through their scans and dialect** | **PLO #4:**  **Students will question suspicious findings and further investigate using augmented views** | **PLO #5:**  **Students will specifically evaluate each patient using clinical history and the findings provided** |
| **1302** | **I** | **I** |  | **I** |  |
| **1206** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **1405** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **1342** | **D** | **D** |  | **D** |  |
| **2253** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **2405** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **1391** | **I, D** | **I, D** | **I, D** | **I, D** | **I, D** |
| **2257** | **M** | **M** | **M** | **M** | **M** |
| **2245** | **M** | **M** | **M** | **M** | **M** |
| **2366** | **M** | **M** | **M** | **M** | **M** |

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