

**Outcomes Matrix**  
**M.A.Ed. Anesthesiology Education**  
**Revised 2005-06**

GONZAGA UNIVERSITY MISSION	SOE GOALS/THEME	PROGRAM OUTCOMES	CRNA Standards for Accreditation	NCATE Category	KEY ASSESSMENTS
<ul style="list-style-type: none"> <li>• Develop intelligence &amp; moral judgment</li> <li>• Communication in order to make a difference</li> <li>• Creatively, intelligently, morally provide leadership in a variety of endeavors</li> <li>• Actively support the aspirations of others</li> <li>• Provide leadership in the arts, the professions, business, and public service</li> </ul>	<p>Develop transformational leaders who serve and influence their communities.</p> <p><i>Socially Responsible Professional Service Commitment</i></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Participating in activities related to the professional scope of practice including               <ul style="list-style-type: none"> <li>• Developing, conducting, and reporting results of a research project</li> <li>• Providing continuing education opportunities for medical personnel based on adult learning theory</li> <li>• Applying principals of ethical practice to a variety of clinical situations</li> <li>• Applying legal principals to a variety of clinical situations</li> <li>• Applying leadership theory and principals of practice within the profession</li> <li>• Discussing issues of the business of anesthesia</li> <li>• Discussing national issues affecting the practice of the profession</li> </ul> </li> <li><input type="checkbox"/> Demonstrating professional dispositions including               <ul style="list-style-type: none"> <li>• Being punctual with clinical and academic assignments</li> <li>• Being self-motivated</li> <li>• Following directions given by MD/CRNA supervisor</li> <li>• Being dependable by asking for help when necessary</li> <li>• Interacting and communicating well within the professional setting</li> <li>• Reacting appropriately to emergencies during case</li> <li>• Interacting professionally and appropriately with patients</li> <li>• Behaving ethically and legally</li> </ul> </li> </ul>	<p>Standard E: Professional role is demonstrated by the graduate's ability to</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Participate in activities that improve anesthesia care</li> <li><input type="checkbox"/> Function within appropriate legal requirements as a registered professional nurse, accepting responsibility and accountability for his or her practice.</li> <li><input type="checkbox"/> Teach others</li> <li><input type="checkbox"/> Interact on a professional level with integrity</li> <li><input type="checkbox"/> Participate in continuing education activities to acquire new knowledge and improve his or her practice</li> </ul>	<p>Not Applicable</p>	<p>Research report</p> <p>Teaching projects</p> <p>Clinical evaluation tool Oral Exam</p>

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<ul style="list-style-type: none"> <li>• Knowledge of traditions/cultures different from our own</li> <li>• Awareness of the possibilities of heritage</li> <li>• Familiarity with a variety of human cultures</li> <li>• Understanding of the world in light of the variety of human societies and competing ideologies</li> <li>• Reflection on the ideological differences that separate the peoples of the world</li> <li>• Rights and responsibilities of commitment to a free society</li> </ul>	<p>Create an environment where diverse individual contributions are valued.</p> <p><i>Care</i>  <i>Socially Responsible</i>  <i>Professional</i></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Demonstrating professional dispositions               <ul style="list-style-type: none"> <li>• Interacting and communicating well within the professional setting</li> <li>• Interacting professionally and appropriately with patients</li> <li>• Being dependable by asking for help when necessary</li> </ul> </li> </ul>	<p>Standard D: Communication skills are demonstrated by the graduate's ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Effectively communicate with all individuals influencing patient care.</li> <li><input type="checkbox"/> Utilize appropriate verbal, nonverbal, and written communication in the delivery of perianesthetic care.</li> </ul> <p>Standard B: Individualized perianesthetic management is demonstrated by the ability of the graduate to</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Deliver culturally competent perianesthetic care throughout the anesthesia experience</li> </ul>	Not Applicable	Clinical Evaluation tool
<ul style="list-style-type: none"> <li>• Development and discipline of moral judgment</li> <li>• Live creative, productive and moral lives</li> <li>• Enter creatively, intelligently and with deep moral conviction into a variety of endeavors</li> </ul>	<p>Understand and adhere to ethical standards and guidelines of professional practice.</p> <p><i>Competence</i>  <i>Service</i></p>	<p>Participating in activities related to professional scope of practice          Applying principals of ethical practice to a variety of clinical situations          Applying legal principals to a variety of clinical situations</p>	<p>Standard E: Professional role is demonstrated by the graduate's ability to</p> <ul style="list-style-type: none"> <li>• Interact on a professional level with integrity</li> </ul>	Not Applicable	Clinical Evaluation tool
<ul style="list-style-type: none"> <li>• Understanding the world of great technological progress and scientific complexity</li> <li>• Reflect on the problems/possibilities of a scientific age</li> </ul>	<p>Understand the consequences of technology and harness its possibilities to positively impact humanity.</p> <p><i>Competence</i></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Providing a safe anesthesia experience for a wide variety of patients according to professional standards.</li> </ul>	<p>Standard A: Patient safety is demonstrated by the ability of the graduate to</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Be vigilant in the delivery of patient care</li> <li><input type="checkbox"/> Protect patients from iatrogenic complications</li> <li><input type="checkbox"/> Participate in the positioning of patients to prevent injury</li> <li><input type="checkbox"/> Conduct a comprehensive and appropriate equipment check.</li> <li><input type="checkbox"/> Utilize standard precautions and appropriate infection control measures.</li> </ul>	Not Applicable	Clinical Evaluation tool

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<ul style="list-style-type: none"> <li>• Tradition of free intellectual inquiry</li> <li>• Essential role of human creativity, intelligence, and initiative in construction of society and culture</li> <li>• Development of restless curiosity and desire for truth</li> </ul>	<p>Pursue meaningful research.</p> <p><b>Competence</b>  <b>Commitment</b>  <b>Service</b></p>	<p>Consistently using critical thinking skills for problem solving and decision-making within the clinical arena by demonstrating</p> <p>Knowledge of professional research            Ability to perform preanesthetic assessments and formulate anesthesia care plans for a variety of patients.            Appropriate troubleshooting of equipment malfunctions            Appropriate response to anesthetic complications</p> <ul style="list-style-type: none"> <li>○ Ability to interpret and utilize data obtained from noninvasive and invasive monitoring modalities</li> <li>○ Ability to Pass the Council on Certification of Nurse Anesthetists' certification examination</li> </ul>	<p>Standard C: Critical thinking is demonstrated by the graduate's ability to</p> <ul style="list-style-type: none"> <li>❑ Apply theory to practice in decision-making and problem solving</li> <li>❑ Provide nurse anesthesia care based on sound principles and research evidence.</li> <li>❑ Perform a preanesthetic assessment and formulate an anesthesia care plan for patients to whom they are assigned to administer anesthesia</li> <li>❑ Identify and take appropriate action when confronted with anesthetic equipment-related malfunctions.</li> <li>❑ Interpret and utilize data obtained from noninvasive and invasive monitoring modalities</li> <li>❑ Calculate, initiate, and manage fluid and blood component therapy</li> <li>❑ Recognize and appropriately respond to anesthetic complications that occur during the perianesthetic period.</li> <li>❑ Pass the Council on Certification of Nurse Anesthetists' (CCNA) certification examination in accordance with CCNA policies and procedures.</li> </ul>	<p>Not Applicable</p>	<p>Key assessment tests</p> <ul style="list-style-type: none"> <li>• Airway Management test</li> <li>• Case Analysis and Management</li> <li>• Clinical application of Neuromuscular Blocking Agents</li> <li>• Central Line Placement</li> <li>• Regional Anesthesia</li> <li>• Neuroanesthesia</li> <li>• Pediatric Anesthesia</li> <li>• OB anesthesia</li> </ul> <p>Clinical evaluation tool</p> <p>Oral Exam</p> <p>National Board exam</p>
<ul style="list-style-type: none"> <li>❑ Understanding of and reflection on contemporary civilization</li> <li>❑ Preparation of enlightened dedication to Christian ideals of justice and peace</li> <li>❑ Development and discipline of imagination, intelligence and moral judgment</li> <li>❑ Development of self-knowledge, self-acceptance, desire for truth, thirst for justice, mature concern for others</li> <li>❑ Live creative, productive lives, seeking to fulfill their own aspirations and actively supporting aspirations of others by generously sharing of their gifts</li> </ul>	<p>Nurture a lifelong commitment to self-assessment and growth.</p> <p><b>Commitment</b>  <b>Care</b>  <b>Socially Responsible</b>  <b>Professional</b></p>	<ul style="list-style-type: none"> <li>❑ Demonstrating professional dispositions               <ul style="list-style-type: none"> <li>• Interacting and communicating well within the professional setting</li> <li>• Interacting professionally and appropriately with patients</li> </ul> </li> </ul>	<p>Standard D: Communication skills are demonstrated by the graduate's ability to:</p> <ul style="list-style-type: none"> <li>❑ Effectively communicate with all individuals influencing patient care.</li> <li>❑ Utilize appropriate verbal, nonverbal, and written communication in the delivery of perianesthetic care.</li> </ul>	<p>Not Applicable</p>	<p>Clinical Evaluation tool</p>

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<ul style="list-style-type: none"> <li>• Recognize the essential role of human creativity, intelligence and initiative in construction of society and culture</li> <li>• Development and discipline of imagination, intelligence and moral judgment</li> <li>• Communication to make a difference</li> </ul>	<p>Develop critical thinking and collaborative problem-solvers with the courage to contribute to society.</p> <p><i>Service</i>  <i>Socially Responsible</i>  <i>Professional</i>  <i>Commitment</i></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Participating in activities related to the professional scope of practice including               <ul style="list-style-type: none"> <li>• Developing, conducting, and reporting results of a research project</li> <li>• Providing continuing education opportunities for medical personnel based on adult learning theory</li> <li>• Applying principals of ethical practice to a variety of clinical situations</li> <li>• Applying legal principals to a variety of clinical situations</li> <li>• Applying leadership theory and principals of practice within the profession</li> <li>• Discussing issues of the business of anesthesia</li> <li>• Discussing national issues affecting the practice of the profession</li> </ul> </li> </ul>	<p>Standard E: Professional role is demonstrated by the graduate's ability to</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Participate in activities that improve anesthesia care</li> <li><input type="checkbox"/> Function within appropriate legal requirements as a registered professional nurse, accepting responsibility and accountability for his or her practice.</li> <li><input type="checkbox"/> Teach others</li> <li><input type="checkbox"/> Interact on a professional level with integrity</li> <li><input type="checkbox"/> Participate in continuing education activities to acquire new knowledge and improve his or her practice</li> </ul>	<p>Not Applicable</p>	<p>Research report</p> <p>Teaching projects</p> <p>Clinical evaluation tool</p> <p>Oral Exam</p>

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<ul style="list-style-type: none"> <li>• Development of general knowledge and skills</li> <li>• Attainment of more specialized competence in at least one discipline/profession</li> <li>• Enter into a variety of endeavors and provide leadership</li> </ul>	<p>Provide a strong, working knowledge base from which practice flows.</p> <p><i>Competence</i> <i>Service</i> <i>Commitment</i></p>	<ul style="list-style-type: none"> <li>❑ Providing a safe anesthesia experience for a wide variety of patients according to professional standards.</li> <li>❑ Individualizing perianesthetic managements for all patients according to professional standards for nurse anesthesia.</li> <li>❑ Consistently using critical thinking skills for problem solving and decision-making within the clinical arena by demonstrating <ul style="list-style-type: none"> <li>• Knowledge of professional research</li> <li>• Ability to perform preanesthetic assessments and formulate anesthesia care plans for a variety of patients.</li> <li>• Appropriate troubleshooting of equipment malfunctions</li> <li>• Appropriate response to anesthetic complications</li> <li>• Ability to interpret and utilize data obtained from noninvasive and invasive monitoring modalities</li> <li>• Ability to Pass the Council on Certification of Nurse Anesthetists' certification examination</li> </ul> </li> </ul>	<p>Standard A: Patient safety is demonstrated by the ability of the graduate to</p> <ul style="list-style-type: none"> <li>❑ Be vigilant in the delivery of patient care</li> <li>❑ Protect patients from iatrogenic complications</li> <li>❑ Participate in the positioning of patients to prevent injury</li> <li>❑ Conduct a comprehensive and appropriate equipment check.</li> <li>❑ Utilize standard precautions and appropriate infection control measures.</li> </ul> <p>Standard B: Individualized perianesthetic management is demonstrated by the ability of the graduate to</p> <ul style="list-style-type: none"> <li>❑ Provide care throughout the perianesthetic continuum</li> <li>❑ Use a variety of current anesthesia techniques, agents, adjunctive drugs, and equipment while providing anesthesia.</li> <li>❑ Administer general anesthesia to patients of all ages and physical conditions for a variety of surgical and medically related procedures</li> <li>❑ Provide anesthesia service to all patients, including trauma and emergency cases.</li> <li>❑ Administer and manage a variety of regional anesthetics.</li> </ul>	<p>Not Applicable</p>	<p>Key assessment tests</p> <ul style="list-style-type: none"> <li>• Airway Management test</li> <li>• Case Analysis and Management</li> <li>• Clinical application of Neuromuscular Blocking Agents</li> <li>• Central Line Placement</li> <li>• Regional Anesthesia</li> <li>• Neuroanesthesia</li> <li>• Pediatric Anesthesia</li> <li>• OB anesthesia</li> </ul> <p>Clinical evaluation tool</p> <p>Oral Exam</p> <p>National Board exam</p>

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<ul style="list-style-type: none"> <li>• Work in loving service of the human community</li> </ul>	Serve the underserved.  <i>Service Care Competence</i>	<input type="checkbox"/> Participating in activities related to the professional scope of practice including <ul style="list-style-type: none"> <li>• Developing, conducting, and reporting results of a research project</li> <li>• Providing continuing education opportunities for medical personnel based on adult learning theory</li> <li>• Applying principals of ethical practice to a variety of clinical situations</li> <li>• Applying legal principals to a variety of clinical situations</li> <li>• Applying leadership theory and principals of practice within the profession</li> <li>• Discussing issues of the business of anesthesia</li> <li>• Discussing national issues affecting the practice of the profession</li> </ul>	Standard E: Professional role is demonstrated by the graduate's ability to <ul style="list-style-type: none"> <li><input type="checkbox"/> Participate in activities that improve anesthesia care</li> <li><input type="checkbox"/> Function within appropriate legal requirements as a registered professional nurse, accepting responsibility and accountability for his or her practice.</li> <li><input type="checkbox"/> Teach others</li> <li><input type="checkbox"/> Interact on a professional level with integrity</li> <li><input type="checkbox"/> Participate in continuing education activities to acquire new knowledge and improve his or her practice</li> </ul>	Not Applicable	Research report  Teaching projects  Clinical evaluation tool Oral Exam