

**ANES 585**  
**MSA2 Year - Advanced Simulation**

**Instructor:**

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**Goals and Objectives:**

Demonstration of skill in advanced crisis management.  
Demonstration of the effective use of advanced technical tools.  
Efficient execution of advanced team-based scenarios for the purpose of testing retention of previous training.

**Schedule:**

Fall Semester:

Approximately 6 labs (variable depending on clinical rotation schedules)

Spring Semester:

Approximately 6 labs (variable depending on clinical rotation schedules)

**Note:** Laboratory details are not provided in the syllabus in order to enable authentic testing of team responses to intraoperative untoward events. However, generic topics are published as follows.

**Generic Laboratory Topics:** Each topic can spawn 2-3 different scenarios.

Agent overdose/underdose  
Thoracotomy  
Respiratory complications  
Cesarian Section  
Down Syndrome  
Motor vehicle accident  
Cardiac complications  
Electrolyte imbalances  
Burns  
Othropaedic procedures  
Endocrine diseases  
Equipment failure

**Grading Criteria:**

Laboratory performance is evaluated as follows.

1. Written expectations are created for each laboratory.

2. Individual students and the team are evaluated based on observed performance.
3. Debriefing sessions serve to correct misapprehensions or errors in performance.
4. If performance is below expectation as the exercise proceeds, or at debrief, corrects are given so that if the student leaves the laboratory he/she has “passed” the lab.
5. \* The results of the exercise are written up in report form and submitted to the instructor and forwarded to the senior staff for review.

**Policy and missed laboratories or exams/quizzes:**

1. If a laboratory is missed the student will make up the lab with another team.
2. When exams are given they must be taken even if delayed because of valid reasons.