

OMNEE Educational Format
for Standardize Patient and Simulation Based Education

**This document will serve as a template for the creation of the
OMNEE Educational Curriculum**

I. OMNEE Curriculum Format – All curriculums will be assimilated on the OMNEE Educational Shared Drive. This repository will allow all faculty members to create, share, and review OMNEE curriculum. All curriculums will include the following essential items:

- a. Literature - A current review article to include indications, contraindications, consent form, cost of procedure to patient, etc...
- b. Pre-participation knowledge tests
 1. Minimum of 25 questions
 2. A-E answer options
 3. Correct answer highlighted
 4. Questions referenced (i.e. literature books, VCOM online TV)
 5. Web-based (Atrixware)
 6. Procedural Stream/Video - Preferably using VCOM Online TV, NEJM videos are acceptable
- c. Peer review opinions and feedback form
- d. Post-participation survey – web-based
- e. OMNEE Faculty will educate and staff all procedures. If ancillary staff is required, OMNEE must provide
- f. All consumable products to be covered by OMNEE (specific to equipment utilized)
- g. VCOM Simulation Center will provide *free of charge* the facility, all simulators, task trainers and digital archiving equipment
- h. All labs and procedures will be scheduled through Mrs. Rayne Stenger at rstenger@vcom.vt.edu or 540-231-5916. At time of request we will need the date, time, number of participants and hours of desired usage. All items listed above in Part I must be posted on the OMNEE Shared-Drive before any scheduling will be accepted. Normal business hours are 8am – 5pm, Monday through Friday. Weekends are available upon special approval.

II. Simulators and Equipment Available for OMNEE Utilization

- a. High Fidelity Simulation – Detailed Simulations Upon Request
 1. SimMan - Adult Male – 2G, 3G
 2. SimBaby – 6 month old
 3. Noelle – Birthing Simulator
 4. Baby Hal – Newborn
 5. Digitally archived, downloadable for viewing and grading utilizing SimBridge/SimCapture

- b. High Fidelity Standardized Patient
 1. Ventriloscope – Stethoscope which simulates all body sounds
 2. Electronic Medical Record System – Capable of x-rays, EKGs, Labs, and audio/video
 3. Fully digitally archived, remote on-demand viewing and grading
 4. OMNEE will reimburse the Simulation Center for creation, programming and managing high fidelity standardized patients.
 5. OMNEE to provide compensation to Standardized Patients according to the current VCOM payscale.
- c. Potential Procedures
 1. Conscious/Moderate Sedation
 2. Central Venous Line
 - a. Ultrasound
 - b. Landmark
 3. HeartCode ACLS™ – AHA Virtual Online with SimCenter Procedural Competency Exam
 4. Airway Lab – Cricothyroidotomy, Tracheostomy, Glidescope, Orotracheal Intubation, Manikin and Cadaver Based
 5. Thorocostomy and Needle Decompression
 6. Lumbar Puncture
 7. Joint Injection and Aspiration
 8. Colonoscopy
 9. Arterial Line
 10. VCOM's Heart Course – Dysrhythmias Management emphasizing physiology and pharmacology
 11. Focused Abdominal Sonography Trauma (FAST)
 12. Paracentesis
 13. Ventilator Management
 14. Rapid Sequence Intubation Scenarios