



North Central Michigan College Master Course Syllabus

PART 1:

Course Name: Operating Room Seminar

Course Number: SRG 240

Credit Hrs. 3 Lecture Hrs. 0 Lab Hrs. 0 Clinical Hrs. 0 Variable Hrs.

Total Hours of Instruction: 3 Total Contact Hours: 52.8
(Total Contact hour's formula: (lecture hrs. + lab hrs. + clinical hrs) x 17.6)

Course Description:

This course serves two primary functions. It serves as a forum for discussion of and reflection on issues that are being encountered by Surgical Technologist students in their clinical externships at area hospitals. The course also provides a means of maintaining cohort identity as the externship students experience different sites, procedures, and colleagues. The seminar also serves as both a capstone to the program and an introduction to the professional requirements of working as a Surgical Technologist after graduation. Students will participate in weekly seminar discussions, culminating in a final project that summarizes their clinical externship experience.

Prerequisite (s): Completion of SRG 220 with a grade of at least a C+.

Co-requisite (s): SRG 230

Course Objectives:

- Discuss the clinical externship experiences taking place in this student cohort.
- Use the information from this course to begin the process of formal certification as a Surgical Technologist.
- Differentiate between the requirements for continuing education as a certified Surgical Technologist versus the qualities of life-long learning.
- Collect specific information relating to the student surgical technologist's program of study and present the information in the form of a summary paper that offers the student's evaluation of the relationship between the classroom, lab, and clinical areas of study.
- Prepare and reflect upon documents related to the pursuit of employment as a surgical technologist.
- Use appropriate medical/surgical terminology when speaking and writing.
- Demonstrate cognitive abilities and understanding of material from all previous Surgical Technology coursework.
- Demonstrate effective communication, conflict resolution and professional behavior.

Reasonable accommodations can be provided for students with documented disabilities. Please contact Learning Support Services to arrange for these (231)348-6687 or (231)348-6817, Room 533 SCRC.



North Central Michigan College Master Course Syllabus

PART 2:

Course Objectives and Linked Lumina DQP Outcomes

See PART 3 of this syllabus for the complete language of each Lumina DQP outcome.

- Discuss the clinical externship experiences taking place in this student cohort. (DQP# 2, 13)
- Use the information from this course to begin the process of formal certification as a Surgical Technologist. (DQP# 11)
- Differentiate between the requirements for continuing education as a certified Surgical Technologist versus the qualities of life-long learning. (DQP# 4, 5)
- Collect specific information relating to the student surgical technologist's program of study and present the information in the form of a summary paper that offers the student's evaluation of the relationship between the classroom, lab, and clinical areas of study. (DQP# 15, 16)
- Prepare and reflect upon documents related to the pursuit of employment as a surgical technologist.
- Use appropriate medical/surgical terminology when speaking and writing. (DQP# 13, 14)
- Demonstrate cognitive abilities and understanding of material from all previous Surgical Technology coursework. (DQP# 11)
- Demonstrate effective communication, conflict resolution and professional behavior. (DQP# 13, 14)



North Central Michigan College Master Course Syllabus

Suggested Methods of Instruction:

Destination, lecture, discussion, videos, case studies, homework, guest speakers, and discussion of theory concepts related to patient situations.

Suggested Methods of Assessment and Evaluation:

Students will demonstrate appropriate cognitive responses orally and in writing during lecture and discussion sessions, demonstrate appropriate writing skills in preparing a functional resume and professional portfolio, and demonstrate affective skills by responding appropriately to experiences shared by colleagues.

Adopted Text at Time of Course Adoption/Revision:

Fuller, Joanna. *Surgical Technology: Principles and Practice*. St. Louis: Saunders, 2010.

Topics Covered During the Semester:

Sequence of topics and time allowance are at the discretion of the instructor.

WEEK 1: Introduction / assignment to clinical externship sites, Review of effective communication, Conflict resolution, Unique Surgical Technologist skills

WEEK 2: Seminar Discussion, Review of medical terminology, microbiology, pharmacology, & anesthesia

WEEK 3: Seminar Discussion, Review of Aseptic technique, Sterilization & disinfection, OR environment

WEEK 4: Seminar Discussion, Review of Transportation & positioning, Observation, CPR, Medical ethical & legal responsibilities, Occupational hazards

WEEK 5: Seminar Discussion, Review of Consents, Equipment & supplies

WEEK 6: Seminar Discussion, Review of Skin prepping & draping, Instruments, Counts & specimens, Sutures & drains, Wound healing & dressing

WEEK 7: Seminar Discussion, Review of Intraoperative & Postoperative procedures - General, Thoracic, Cardiovascular, Peripheral vascular

WEEK 8: Seminar Discussion, Review of Intraoperative & Postoperative procedures - OB, Ophthalmology, ENT, Urology

WEEK 9: Seminar Discussion, Review of Intraoperative & Postoperative procedures – Plastic & reconstructive, Orthopedic, Neuro, Pediatric, Emergency

WEEK 10: Seminar Discussion, Review of Technology in the OR – Computers, Surgical application of electricity, Physics & Medicine, Endoscopy & MIS, Surgical Robots

WEEK 11: Seminar Discussion, Review of Profession portfolio

WEEK 12: Seminar Discussion, Review of Building a resume

WEEK 13: Seminar Discussion, Review of Professional practice

WEEK 14: Seminar Discussion, Certification practice exam

WEEK 15: Seminar Discussion, Professional portfolios due

WEEK 16: Individual evaluation / Grade review



North Central Michigan College Master Course Syllabus

Part 1 & Part 2 approved by CRDAP on: 12 16 16

Part 2 approved by AD:

Date:

Part 2 approved by CRDAP Chair:

Date:

Rev02/15

PART 3:

LUMINA DQP OUTCOMES – *Use this reference sheet for PART 2 of Master Course Syllabus.*

Specialized Knowledge

1. Describes the scope and principal features of the field of study, citing at least some of its core theories and practices, and offers a similar explication of at least one related field.
2. Illustrates contemporary terminology used in the field.
3. Generates substantially error-free products, reconstructions, data, juried exhibits or performances as appropriate to the field.

Broad Integrative Knowledge

4. Describes how existing knowledge or practice is advanced, tested and revised
5. Describes and examines a range of perspectives on key debates and their significance both within the field and in society.
6. Illustrates core concepts of the field while executing analytical, practical or creative tasks.
7. Selects and applies recognized methods of the field in interpreting characteristic discipline-based problems.
8. Assembles evidence relevant to characteristic problems in the field, describes the significance of the evidence, and uses the evidence in analysis of these problems.
9. Describes the ways in which at least two disciplines define, address and interpret the importance of a contemporary challenge or problem in science, the arts, society, human services, economic life or technology.

Intellectual Skills – Analytic Inquiry

10. Identifies, categorizes and distinguishes among elements of ideas, concepts, theories and/or practical approaches to standard problems.

Intellectual Skills – Use of Information Resources

11. Identifies, categorizes, evaluates and cites multiple information resources necessary to engage in projects, papers or performance in his or her program.

Intellectual Skills – Engaging Diverse Perspectives

12. Describes how knowledge from different cultural perspectives would affect his or her interpretations of prominent problems in politics, society, the arts and/or global relations.

Intellectual Skills – Communication Fluency

13. Presents accurate calculations and symbolic operations, and explains how such calculations and operations are used in either his or her specific field of study or in interpreting social and economic trends.
14. Presents substantially error-free prose in both argumentative and narrative forms to general and specialized audiences.

Applied Learning

15. Describes in writing at least one substantial case in which knowledge and skills acquired in academic settings are applied to a challenge in a non-academic setting; applies that learning to the question; and analyzes at least one significant concept or method related to his or her course of study in light of learning outside the classroom.
16. Locates, gathers and organizes evidence on an assigned research topic addressing a course-related question or a question of practice in a work or community setting; offers and examines competing hypotheses in answering the question.

Civic Learning

17. Describes his or her own civic and cultural background, including its origins and development, assumptions, and predispositions.



North Central Michigan College Master Course Syllabus

18. Describes diverse positions, historical and contemporary, on selected democratic values or practices, and presents his or her own position on a specific problem where one or more of these values or practices are involved.
19. Takes an active role in a community context (work, service, co-curricular activities, etc.), and examines the civic issues encountered and the insights gained from the community experience.

The Degree Qualifications Profile was adopted by CRDAP: April 11, 2012