



Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

Course Title – Disease Control and Prevention

Course Prefix and Number – VNSG 1115

Department – Surgical Technology

Division - AH

Course Type: (check one)

- Academic General Education Course (from ACGM – but not in WCJC Core)
- Academic WCJC Core Course
- WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

Semester Credit Hours # : Lecture Hours # : Lab/Other Hours # 1:1:0

Equated Pay hours for course - 1

Course Catalog Description - Study of the general principles of prevention of illness and disease, basic microbiology, and the maintenance of aseptic conditions.

Prerequisites/Co-requisites - Admission to the Surgical Technology program.

List Lab/ Other Hours
Lab Hours
Clinical Hours
Practicum Hours
Other (list)

Prepared by Melissa R. Bruton

Date 10/7/2013

Reviewed by Department Head Melissa R. Bruton

Date 10/7/2013

Accuracy verified by Division Chair Carol Derkowski

Date 10/23/2013

Approved by Dean or Vice President of Instruction Lac

Date 12/12/2013



I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non-lecture instruction):

- I An Introduction to Microbiology
- II Microbial Growth and Development
- III Host/Parasite Relationship
- IV Bacteriology
- V Gram Negative and Gram Positive Bacteria
- VI Mycobacteria, Spirochetes and Rickettsia
- VII Pathogens of Body Fluids and Systems
- VIII Pathogens of Body Fluids and Systems (cont)
- IX Viruses, Parasites and Fungi
- X Wound Healing

II. Course Learning Outcomes

Learning Outcomes	Methods of Assessment
<p>Upon successful completion of this course, students will:</p> <p>Identify characteristics of common microorganisms; discuss the methods of preventing illness through utilization of standard precautions; and describe principles of aseptic techniques</p>	<p>Daily work, Unit exams, Final</p>

III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Microbiology for the Surgical Technologist, latest edition, by Price and Frey, published by Thompson/Delmar

IV. Suggested Course Maximum - 16

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

Computer/internet

VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course

Final evaluation in the course will be based on grades achieved during the semester and the final exam. The following scale will be used in final evaluation.

90 – 100	A
89 – 80	B
79 – 75	C
74 – 0	F

The grade of “D” is not awarded nor accepted for transfer in the Surgical Technology Program. The student must maintain a grade point average of 75 (C).

Final grade is made up of daily grades (10%), Unit Exams (70%), and final (20%).

VII. Curriculum Checklist

- **Academic General Education Course** (from ACGM – but not in WCJC Core)
No additional documentation needed

- **Academic WCJC Core Course**
Attach the Core Curriculum Checklist, including the following:
 - Basic Intellectual Competencies
 - Perspectives
 - Exemplary Educational Objectives

- **WECM Courses**
If needed, revise the Program SCANS Matrix & Competencies Checklist.