



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 – VNSG1115

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 # 1:1:1

Equated Pay hours for course – 1.5

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

List Lab/ Other Hours
Lab Hours 1
Clinical Hours
Practicum Hours
Other (list)

Prerequisites/Corequisites - n/a

Approvals – the contents of this document have been reviewed and are found to be accurate.

Prepared by Melissa Wade	Signature 	Date 11/14/07
Department Head Melissa Wade	Signature 	Date 11/14/07
Division Chair Leigh Ann Collins Sarah Clark	Signature 	Date 11/14/07
Vice President Dr. Ty Pate	Signature 	Date 11/16/07



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

Course Learning Outcome	Method of Assessment
Identify characteristics of common microorganisms; discuss the methods of preventing illness through utilization of standard precautions; and describe principles of aseptic techniques	Unit Exams

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 - 20

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

n/a

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 – 60	D
59 – 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).

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**
Attach the following:
 - Program SCANS Matrix
 - Course SCANS Competencies Checklist

SCANS Matrix

Program: Surgical Technology CIP: 51-0909									
LIST ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES									
Competencies								Course Number	Course Title
1	2	3	4	5	6	7	8		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VNSG 1420	Anatomy & Physiology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VNSG 1115	Disease Control
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SRGT 1405	Introduction To Surgical Technology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SRGT 1409	Fundamentals of Aseptic Technique
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SRGT 1541	Surgical Procedures I
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SRGT 1560	Clinical I
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HPRS 2301	Pathophysiology
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<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SRGT 1301	Medical Terminology
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SRGT 1542	Surgical Procedures li
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SRGT 2461	Clinical II
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SRGT 2130	Professional Readiness
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								COMPETENCY REFERENCES	
								8 Basic use of computers	
								7 Workplace Competencies: resources; interpersonal skills; information; systems; and technology.	
								6 Personal Qualities: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	
								5 Thinking Skills: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	
								4 Speaking and Listening: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.	
								3 Arithmetic or Mathematics: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.	
								2 Writing: Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.	
								1 Reading: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.	



Course Prefix & Number: VNSG 1115	
SCANS COMPETENCIES FOR THIS COURSE	
Competency	Method of Assessment
1 READING: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.	Unit Exams
2 WRITING: Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.	Unit Exams
3 ARITHMETIC OR MATHEMATICS: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.	n/a
4 SPEAKING AND LISTENING: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.	Unit Exams
5 THINKING SKILLS: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	Unit Exams
6 PERSON QUALITIES: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	Unit Exams
7 WORKPLACE COMPETENCIES: resources; interpersonal skills; information; systems; and technology	n/a
8 BASIC USE OF COMPUTERS	Research for homework assignments