Wharton County Junior College

Administrative - Master Syllabus
COVER SHEET

***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 – Anatomy and Physiology for Allied Health
Course Prefix and Number – VNSG1420
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 # 4:3:2

Equated Pay hours for course - 4

Course Catalog Description – Introduction to the normal structure and function of the body including an understanding of the relationship of body systems in maintaining homeostasis.

List Lab/ Other Hours
Lab Hours 2
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 Melissa R Wade	Date 11/14/07
Department Head Melissa Wade	Signature Melissa R Wade	Date 11/14/07
Division Chair ~~Leigh Ann Collins~~ Sarah Clark	Signature Sarah Clark	Date 11/14/07
Vice President Dr. Ty Pate	Signature Ty Pate	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 Cellular structure metabolism and reproduction
II Skeletal and Muscular System
III Nervous Sytem
IV Cardiovascular, Blood and Lymph System
V Respiratory System
VI Urinary System
VII Reproductive System

II. Course Learning Outcomes

Course Learning Outcome	Method of Assessment
Identify the structure of each of the major body systems; describe the functions of each of the major body systems; and discuss the interrelationship of systems in maintaining homeostasis.	Unit Exams Study guide assignments

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

Delmar's Fundamental's of Anatomy & Physiology. Latest edition. Donald C Rizzo, Delmar publishing Delmar's Fundamentals of Anatomy & Physiology Study Guide.

IV. Suggested Course Maximum - 20

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

Biology lab

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 Unit exams follow each unit of study. 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
80 – 89	B
75 – 79	C
60 – 74	D
0 – 59	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

S C A N S M a t r i x

Program: Surgical Technology
CIP: 51-0909

LIST ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES

Competencies 1	2	3	4	5	6	7	8	Course Number	Course Title
☒	☒	☐	☒	☒	☒	☐	☒	VNSG 1420	Anatomy & Physiology
☒	☒	☐	☒	☒	☒	☐	☒	VNSG 1115	Disease Control
☒	☒	☒	☒	☒	☒	☒	☒	SRGT 1405	Introduction To Surgical Technology
☒	☒	☒	☒	☒	☒	☒	☒	SRGT 1409	Fundamentals of Aseptic Technique
☒	☒	☐	☒	☒	☒	☒	☒	SRGT 1541	Surgical Procedures I
☒	☒	☒	☒	☒	☒	☒	☒	SRGT 1560	Clinical I
☒	☒	☐	☒	☒	☒	☐	☒	HPRS 2301	Pathophysiology
☒	☒	☒	☒	☒	☒	☐	☒	HITT 1249	Pharmacology
☒	☒	☐	☒	☒	☒	☐	☒	SRGT 1301	Medical Terminology
☒	☒	☐	☒	☒	☒	☒	☒	SRGT 1542	Surgical Procedures Ii
☒	☒	☒	☒	☒	☒	☒	☒	SRGT 2461	Clinical II
☒	☒	☐	☒	☒	☒	☒	☒	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.

Wharton County Junior College

SCANS Competencies Checklist

Course Prefix & Number: VNSG 1420	
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.	Written Reports and 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.	Written and Oral Reports
5 THINKING SKILLS: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	Written Reports and Unit Exams
6 PERSON QUALITIES: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	Written and Oral Reports
7 WORKPLACE COMPETENCIES: resources; interpersonal skills; information; systems; and technology	n/a
8 BASIC USE OF COMPUTERS	Research for Written Reports