ANATOMY AND PHYSIOLOGY (ANAT)

ANAT 1500
Survey of Human Anatomy and Physiology
4 Credit Hours
Essential principles of human anatomy and physiology are presented, including histology and the function of major organ systems. This course provides an introduction to the human body in one semester and is intended for students in certain allied health and social service programs. ** Note ** This course will NOT count towards the Life Science requirement in the AA, AS, AFA or AAT degrees. (3 lecture hours, 2 lab hours)
Prerequisite: Course requires Reading Placement Category One. BIOLO 1100 is strongly recommended.
Course types: Physical/Life Science (A.A.S., A.G.S.)

ANAT 1551
Human Anatomy and Physiology I
4 Credit Hours
First semester of a two-semester sequence dealing with the structure and function of the human body and mechanisms for maintaining homeostasis within it. Includes the study of cells, tissues, and the integumentary, skeletal, muscular and nervous systems. Course is intended to be an alternative to ANAT 1571; credit toward graduation will be granted for ANAT 1551 or ANAT 1571, but not for both. BIOLO 1151 is strongly recommended. ** Note ** This course, taken after Spring 2017, will NOT count towards the Life Science requirement in the AA, AS, AFA or AAT degrees. (3 lecture hours, 3 lab hours)
Prerequisite: Course requires Reading Placement Category One.
Course types: Physical/Life Science (A.A.S., A.G.S.)

ANAT 1552
Human Anatomy and Physiology II
4 Credit Hours
Continuation of the study of the structure and function of the human body and the mechanisms for maintaining homeostasis within it. The endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems, as well as the concepts of development, metabolism, fluid and electrolyte balance, and acid-base balance are included. Course is intended to be an alternative to ANAT 1572; credit toward graduation will be granted for ANAT 1552 or ANAT 1572 but not for both. (3 lecture hours, 3 lab hours)
Prerequisite: ANAT 1551 or ANAT 1571, with a grade of C or better. Course requires Reading Placement Category One.
Course types: Physical/Life Science (A.A.S., A.G.S.)

ANAT 1571
Anatomy and Physiology With Cadaver I
4 Credit Hours
First semester of a two-semester sequence dealing with the structure and function of the human body and mechanisms for maintaining homeostasis within it. Includes the study of cells, tissues, and the integumentary, skeletal, muscular and nervous systems. Identification of anatomical structures on cadavers will be required in the laboratory. Course is intended to be an alternative to ANAT 1551; credit toward graduation will be granted for ANAT 1551 or ANAT 1571 but not for both. BIOLO 1151 is strongly recommended. ** Note ** This course, taken after Spring 2017, will NOT count towards the Life Science requirement in the AA, AS, AFA or AAT degrees. (3 lecture hours, 3 lab hours)
Prerequisite: Course requires Reading Placement Category One.
Course types: Physical/Life Science (A.A.S., A.G.S.)

ANAT 1572
Anatomy and Physiology With Cadaver II
4 Credit Hours
Continuation of the study of the structure and function of the human body and the mechanisms for maintaining homeostasis within it. The endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems, as well as the concepts of development, metabolism, fluid and electrolyte balance, and acid-base balance are included. Identification of anatomical structures on cadavers will be required in the laboratory. Course is intended to be an alternative to ANAT 1552; credit toward graduation will be granted for ANAT 1552 or ANAT 1572 but not for both. (3 lecture hours, 3 lab hours)
Prerequisite: ANAT 1551 or ANAT 1571, with a grade of C or better. Course requires Reading Placement Category One.
Course types: Physical/Life Science (A.A.S., A.G.S.)

ANAT 1820
Selected Topics I
3 Credit Hours
Introductory exploration and analysis of selected topics in anatomy and physiology with a specific theme indicated by course title listed in college class schedule. This course may be taken four times for credit as long as different topics are selected. (3 lecture hours)
Course types: Physical/Life Science (A.A.S., A.G.S.)

ANAT 1821
Selected Topics II
3 Credit Hours
Introductory exploration and analysis of selected topics in anatomy and physiology with a specific theme indicated by course title listed in college class schedule. This course may be taken four times for credit as long as different topics are selected. (2 lecture hours, 2 lab hours)
Course types: Physical/Life Science (A.A.S., A.G.S.)

ANAT 1840
Independent Study
1-4 Credit Hours
Exploration and analysis of topics within anatomy and physiology to meet individual student-defined course description, goals, objectives, topical outline and methods of evaluation in coordination with and approved by the instructor. This course may be taken four times for credit as long as different topics are selected. (1 to 4 lecture hours)
Prerequisite: Consent of instructor is required.
Course types: Physical/Life Science (A.A.S., A.G.S.)

ANAT 2860
Internship (Career & Technical Ed)
1-4 Credit Hours
Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)
Prerequisite: Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Dean from the academic discipline where the student is planning to earn credit.
Course types: Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.), Physical/Life Science (A.A.S., A.G.S.)

ANAT 2865
Internship Advanced (Career & Tech Ed)
1-4 Credit Hours
Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)
Prerequisite: Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Dean from the academic discipline where the student is planning to earn credit.
Course types: Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.), Physical/Life Science (A.A.S., A.G.S.)

ANAT 2870
Internship (Transfer)
1-4 Credit Hours
Course requires participation in work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)
Prerequisite: Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Dean from the academic discipline where the student is planning to earn credit.
Course types: Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.), Physical/Life Science (A.A.S., A.G.S.)

ANAT 2871 (ANAT-REQ)
Internship - Advanced (Transfer)
1-4 Credit Hours
Continuation of Internship (Transfer). Course requires participation in work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 tgo 20 lab hours)
Prerequisite: Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Dean from the academic discipline where the student is planning to earn credit.
Course types: Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.), Physical/Life Science (A.A.S., A.G.S.)