



Pre-Allied Health
Off - Site
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Dual Credit Start-up Package | Check off list

The following information covers the necessary facility, instructor, and curriculum requirements for approval and maintenance of a Dual Credit Facility.

The following must be completed to be approved:

1. Facility Evaluation Checklist.
2. Facility Site Visit or Virtual Tour of Facility
3. Instructor Credentialing Checklist

Dual Credit Instructor Credential minimum qualifications:

- Associate's degree or higher in the teaching discipline or a related field from a regionally accredited college or university; relevant work related experience in the field or profession recognized certifications and/or licensures may be considered in lieu of educational requirement
- Demonstrated competency in the field
- Demonstrate competency with use of technology that supports learning and teaching.
- Able to work effectively in a team environment; commitment to the mission, vision.
- For BIOL courses: Doctoral or master's degree in the teaching discipline, or a master's degree with a concentration in the teaching discipline. A minimum of 18 graduate semester hours in the teaching discipline shall be required.

Upon successfully completing the above items the school may be approved for accreditation.

Dual Credit Pathways

- **Pre-Allied Health DC Pathway**

The courses to be offered by the high school are:

1. **HPRS 2302: Medical Terminology for Allied Health**
2. **BIOL 2301: Anatomy & Physiology I (lecture)**
 - a. **BIOL 2101: and Anatomy & Physiology I (lab)**
3. **PSYC 2314: Lifespan Growth & Development**
4. **BIOL 2302: Anatomy & Physiology II (lecture)**
 - a. **BIOL 2102: and Anatomy & Physiology II (lab)**

Dual Credit Facility Evaluation

School: _____

Address: _____

Date: _____

POC: _____

Phone: _____

Email: _____

Facility Checklist:

Classroom

_____ Space for students to work with Laptops.

_____ Classroom overhead projector & screen for clear view by all students.

_____ Classroom is WiFi compatible.

_____ One (1) Laptop/Tablet available per student that can access the internet.

Dissecting equipment

_____ Blunt probe

_____ Dissecting needles

_____ Dissecting pins

_____ Dissecting trays

_____ Forceps

_____ Fine-tissue forceps

_____ Hemostat

_____ Scalpels

_____ Scissors

Lab supplies/Equipment

_____ Safety glasses (one pair per student)

_____ Aprons or lab coats (one per student)

_____ Hazardous waste disposal

_____ Disposable gloves

- Alcohol prep pads
- Compound light microscopes (at least 1 for every 2 students)
- Dissecting microscopes (at least 1 for every 2 students)
- Clean slides and cover slips
- Fine tissue paper or KimWipes
- Distilled water
- Flat toothpicks
- Agar plates
- Petri dishes
- Metric rulers (clear)
- Letter size white paper
- Stopwatch or clock
- 1" diameter dialysis tubing
- Beakers (500 mL)
- Funnels (small)
- Hot plates
- Disposable pipettes
- Test tubes
- Test tube racks
- Test tube clamps
- Calipers
- Coins or washers
- Ice
- Feathers
- Magnifying glasses
- Urine testing strips
- Ink pad
- Sphygmomanometers
- Stethoscopes
- Hand barbells (1 lb, 2 lb, 5 lb, 10 lb, 25 lb)
- Small flashlight
- Tuning fork
- Rubber percussion hammer
- Washable markers
- Cotton swabs
- Blindfolds
- Snellen eye charts
- Eyedroppers

Microscope slides

- Colored threads
- Letter 'e'
- Whitefish mitosis
- Small vein cross section
- Kidney
- Small intestine
- Uterine tube cross section
- Trachea and esophagus
- Merocrine sweat gland
- Urinary bladder
- Mesenchyme
- Areolar connective tissue
- Adipose connective tissue
- Reticular connective tissue
- Tendon or ligament
- Aorta or elastic artery
- Intervertebral disc
- Elastic cartilage
- Ground compact bone
- Human blood smear
- Skeletal muscle
- Cardiac muscle
- Smooth muscle
- Nervous tissue
- Thick skin
- Pigmented skin

- _____ Scalp
- _____ Axillary skin
- _____ Nail
- _____ Decalcified compact bone
- _____ Decalcified spongy bone
- _____ Developing long bone
- _____ Neuromuscular junction
- _____ Spinal cord cross section
- _____ Cerebrum (Nissl stain)
- _____ Cerebellum
- _____ Cerebrum or cerebellum (silver stain)
- _____ Brain
- _____ Myelinated peripheral nerve longitudinal section
- _____ Spinal ganglion
- _____ Peripheral nerve cross section
- _____ Tongue
- _____ Olfactory epithelium
- _____ Retina
- _____ Cochlea
- _____ Red bone marrow
- _____ Pituitary gland
- _____ Pineal gland
- _____ Thyroid and parathyroid
- _____ Adrenal gland
- _____ Pancreas
- _____ Heart atrium
- _____ Artery and vein

- _____ Small muscular artery
- _____ Arteriole
- _____ Large vein
- _____ Lymphatic vessels
- _____ Tonsils
- _____ Ileum
- _____ Appendix cross section
- _____ Thymus
- _____ Lymph node
- _____ Spleen
- _____ Lungs
- _____ Kidney
- _____ Ureter cross section
- _____ Bladder
- _____ Salivary glands
- _____ Stomach
- _____ Large intestine
- _____ Liver
- _____ Ovary
- _____ Uterus
- _____ Vagina
- _____ Testes
- _____ Epididymis
- _____ Ductus deferens
- _____ Seminal vesicles
- _____ Prostate
- _____ Penis cross section

Chemicals/Reagents

- _____ Methylene blue solution
- _____ Potassium permanganate crystals
- _____ Table salt

- _____ Artificial urine (normal and abnormal)
- _____ Whole milk
- _____ Food coloring

- _____ Amylase solution
- _____ Starch solution
- _____ Benedict's solution
- _____ Lugol's solution
- _____ Glycerol
- _____ ATP solution
- _____ KCl/MgCl₂ solution
- _____ ATP + KCl/MgCl₂ solution
- _____ Peppermint oil
- _____ Monosodium glutamate solution
- _____ Sugar

Models

- _____ Human torso
- _____ Disarticulated human skeletons
- _____ Articulated human skeletons
- _____ Animal cell
- _____ Human skin
- _____ Fetal skull
- _____ Male pelvis (bone)
- _____ Female pelvis (bone)
- _____ Synovial joint (knee)
- _____ Human muscular model
- _____ Human brain
- _____ Meninges

Specimens

- _____ Red blood cells (sheep or cow)
- _____ Sheep brains
- _____ Sheep or cow eyes
- _____ Sheep hearts
- _____ Sheep lung and trachea (pluck)
- _____ Sheep and/or pig kidney

- _____ Tonic water
- _____ Vinegar
- _____ Almond extract
- _____ Clove oil
- _____ Lemon extract
- _____ Wintergreen oil
- _____ Vanilla
- _____ Apple slices
- _____ Potato slices
- _____ Artificial blood typing kits

- _____ Brain ventricles
- _____ Human eye
- _____ Human spinal cord
- _____ Cross section of human spinal cord
- _____ Reflex arc
- _____ Human ear
- _____ Human heart
- _____ Larynx or human respiratory system
- _____ Working model lung
- _____ Human kidney or human urinary system
- _____ Human digestive system
- _____ Human reproductive systems (M/F)

_____ Skeletal muscle tissue

_____ Lab has sufficient room for the number of dual credit students to work in a safe environment.

_____ Lab has safety posters up and displayed to include PPE, lab rules, electrical shock, etc.

_____ Lab should present a neat and organized appearance, free of clutter and trip hazards.

I hereby state that the above items are present as required and shall be maintained throughout the duration of each school year.

Instructor (Print Name) _____ Date _____

Instructor (Signature) _____

Course Books & Materials Required:

Medical Terminology

MindTap Medical Terminology Access (Cengage Unlimited Access 4-12 month)

Authors: Schroeder/Ehrlich/Schroeder Smith/Ehrlich

ISBN: 4 month access: 9780357700006

12 month access: 9780357700013

Anatomy and Physiology I/Lab

Lecture: O'Loughlin, Bidle, McKinley, *Anatomy & Physiology: An Integrative Approach*, 4th ed., McGraw-Hill, 9781265579098, with Connect access

Lab: Ross, Day, Comer, Eckel, *Anatomy & Physiology: An Integrative Approach lab manual*, 4th ed., McGraw-Hill, 9781265136239, with Connect access

Anatomy and Physiology II/ Lab

Lecture: O'Loughlin, Bidle, McKinley, *Anatomy & Physiology: An Integrative Approach*, 4th ed., McGraw-Hill, 9781265579098, with Connect access

Lab: Ross, Day, Comer, Eckel, *Anatomy & Physiology: An Integrative Approach lab manual*, 4th ed., McGraw-Hill, 9781265136239, with Connect access