Subject: Human Anatomy and Physiology

| Topic | QCC Objectives | Time | Resources | Activities | Evaluation |
|------------------|----------------------------------|------|---------------|--|-------------|
| | | | | | |
| Orientation to | HAP 4 Analyzes organization of | 7 | -Text, Ch 1 | -Lecture/notes/discussion: def. of | -Lab report |
| Human Body | the human body using | | (AWL | anatomy/physiology, levels of | -Test on Ch |
| 1-Overview | appropriate anatomical | | Essentials of | organization in body, overview of body | 1, lab |
| 2-Levels of | terminology | | Human | systems, life functions, body needs, | skills, |
| organization | HAP 4.1 Distinguishes between | | Anatomy & | homeostasis and control mechanisms, | equipment, |
| 3-Overview of | the terms anatomy and | | Physiology) | anatomical terms, body | and safety |
| systems | physiology | | -T/M | planes/sections/cavities | |
| 4-Life functions | HAP 4.2 Describes the levels of | | worksheets | -Worksheets to label: body planes, | |
| 5-Survival | body organization | | -T/M lab | body cavities | |
| needs | HAP 4.3 Assesses the | | | -Anatomy terminology worksheet | |
| 6-Homeostasis | relationships between organs and | | | -Demo: names, functions of common | |
| 7-Anatomical | organ systems | | | lab equipment | |
| terms | HAP 4.4 Describes the | | | -Demo: common lab skills (incl. | |
| 8-Planes, | anatomical positions and body | | | measurement, use of microscope) | |
| sections, | regions when comparing the | | | -Demo and lecture: lab safety review | |
| cavities | relationships of body organs and | | | -Lab: Autopsy of a dill pickle (T/M) | |
| 9-Lab | structures | | | -Selected review questions, p 20 | |
| equipment | HAP 4.5 Identifies mechanisms | | | | |
| 10-Lab skills | of homeostasis | | | | |
| and safety | HAP 1 Uses science process | | | | |
| | skills in laboratory or field | | | | |
| | investigations, including | | | | |
| | observation, classification, | | | | |
| | communication, metric | | | | |
| | measurement, prediction, | | | | |
| | inference, collecting and | | | | |
| | analyzing data | | | | |
| | HAP 1.1 Designs and conducts a | | | | |
| | scientific experiment that | | | | |
| | identifies the problem, | | | | |