

ARIZONA DEPARTMENT OF EDUCATION
VOCATIONAL TECHNOLOGICAL EDUCATION CURRICULUM SYSTEM

PROGRAM COMPETENCY LIST

SEPTEMBER 1998

PROGRAM: Applied Biological Systems-Health
CIP CODE: 99.0300.30

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1.0 DEMONSTRATE SAFETY COMPLIANCE IN THE LABORATORY

- 1.1 Demonstrate safety practices and procedures
- 1.2 Analyze the impact of safety compliance to employees and businesses

2.0 DESCRIBE THE HUMAN BODY SYSTEMS

- 2.1 Describe basic chemistry in relationship to the human body
- 2.2 Describe the organization of the human body
- 2.3 Describe cells, tissues, organs, and systems
- 2.4 Describe the integumentary system
- 2.5 Describe the muscular system
- 2.6 Describe the skeletal system
- 2.7 Describe the nervous system
- 2.8 Describe the cardiovascular system
- 2.9 Describe the lymphatic system
- 2.10 Describe the respiratory system
- 2.11 Describe the digestive system
- 2.12 Describe the urinary system
- 2.13 Describe the reproductive system
- 2.14 Describe the endocrine system

3.0 DESCRIBE BASIC PRINCIPLES OF HUMAN NUTRITION

- 3.1 Describe nutritional needs
- 3.2 Describe common nutrient problems
- 3.3 Describe food safety practices

4.0 EXAMINE HEALTH AND WELLNESS ISSUES

- 4.1 Describe disease, prevention, and control
- 4.2 Describe measures to promote wellness

5.0 ANALYZE THE INFLUENCE OF TECHNOLOGY ON HEALTH

- 5.1 Describe the affects of technological advances on health and health care
- 5.2 Describe ethical considerations

- 6.0 DEVELOP AN EMPLOYMENT PLAN
 - 6.1 Apply interests, skills, and personal orientation to careers
 - 6.2 Collect career opportunity information
 - 6.3 Develop a plan to achieve employment goals

- 7.0 DEMONSTRATE JOB SEARCH SKILLS
 - 7.1 Research employment opportunities
 - 7.2 Complete a job application
 - 7.3 Prepare an employment resume, portfolio, and cover letter
 - 7.4 Demonstrate interviewing skills

- 8.0 DEMONSTRATE EMPLOYABILITY SKILLS
 - 8.1 Demonstrate communication skills
 - 8.2 Demonstrate problem-solving and critical thinking skills
 - 8.3 Practice leadership skills
 - 8.4 Discuss work ethics