BACTERIOLOGY
Course Syllabus

Course Number: BARB-1246  
OH LAP Credit: No
OCAS Code: None
Course Length: 15 Hours
Career Cluster: Human Services
Career Pathway: Personal Care Services
Career Major(s): Barber

Pre-requisite(s): In this course the students will gain an understanding of bacteriology. Areas of instruction include the types of bacteria and viruses, their growth and reproduction cycle, and methods of prevention.

Course Description:

Textbooks:

Course Objectives: A. Develop an Understanding of Bacteriology and the Relationship to Disease

1. Define bacteria.  
2. Identify the various types and classifications of bacteria.  
3. Explain pathogenic bacteria.  
4. Discuss how bacteria grow and reproduce.  
5. List active and inactive stages of bacteria.  
6. Define contagious or communicable disease.  
7. Describe the relationship of bacteria to the spread of disease.  
8. Compare bacteria and viruses.  
10. Define HIV/AIDS and provide an overview of transmission and prevention.  
11. Identify methods for destroying bacteria.

1 Oklahoma State Barber Board Objective  
2 ODCTE Objective  
All unmarked objectives are TTC instructor developed.

Teaching Methods:
The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.
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Grading Procedures:
1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

Description of Classroom, Laboratories, and Equipment:
Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit:
The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility:
The student must maintain a grade point average of 2.0 or better.