Course Syllabus
Wayne County Community College District
DLT 101 Introduction To Dental Laborat

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

This course is an introduction to Dental Laboratory Technology. It examines the principles of Dental Laboratory management, the daily operation of the dental laboratory, its equipment, safety procedures, and routine business operations. It includes the legal and ethical issues related to the Dental Laboratory. It will also provide information on infection control procedures, infectious diseases, bloodborne pathogens and aseptic procedures.

EXPECTED COMPETENCIES

Upon successful completion of this course, the student will:
1. Evaluate final impression
2. Prepare and evaluate casts
3. Develop functional occlusion or articulated casts
4. Practice effective infection control protocol
5. Demonstrate the appropriate use of gypsum products in a dental laboratory setting

Fixed Prosthodontics
Graduates must be competent in the fabrication of fixed prostheses, including inlays, onlays, full crowns and bridgework; including;

6. Preparing and evaluating casts with removable dies
7. Identification of various margins
8. Developing wax patterns

ASSESSMENT METHODS

Student performance may be assessed by examination, quizzes, case studies, oral reports, group discussion, written reports or presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE

90%-100% = A
80%-89.9% = B
70%-79.9% = C
60%-69.9% = D
<60% = E