

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: DNL 175

Credits: 2

Course Title: Dental Laboratory Management

Course Description: Teaches ethical principles, laws, and organizations which regulate the dental technician and the commercial dental laboratory. Introduces the business fundamentals of operating the dental laboratory. Includes management, marketing, accounting fundamentals, human resources, production, finance, and dental laboratory design. Develops job survival skills. Lecture 2 hours per week.

General Course Purpose: Students must develop positive work habits and behavior patterns such as reliability in order to meet productivity requirements. Such strong work ethics are appropriate for success along with an understanding of business principles in order to relate to the commercial dental laboratory manager.

Course Prerequisites and Co-requisites:

Prerequisites: General admission to the college. An interview with the program head is required in order to determine interest, motivation, and aptitudes for dental laboratory activities.

Course Objectives:

Upon completing the course, the student will be able to:

- a. Discuss the various laws and ethical principles which affect the commercial dental laboratory;
- b. Describe the fundamental business operation of the commercial dental laboratory;
- c. Demonstrate knowledge, through written communication, of dental laboratory practice, planning, marketing, accounting fundamentals, human resources, production, and finance;
- d. Demonstrate job seeking and job survival skills; and
- e. Demonstrate proper and efficient dental laboratory design and appropriate equipment installation.

Major Topics to Be Included:

- a. Current State Legislative Activities Which Effect Dental Lab Businesses
- b. Laws and OSHA regulations which affect the commercial dental laboratory
- c. Ethical conduct and its relationship to the Industry
- d. Design and start-up procedures
- e. General management
- f. The business plan and financial management
- g. Human resources management and communication

Effective Date of Course Content Summary: August 22, 2008