

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

Course Prefix and Number: DNL 160

Credits: 3

Course Title: Removable Prosthodontic Techniques

Course Description: Introduces the student to repairing, rebasing, and relining complete and partial dentures. Provides additional experience in fabricating upper and lower complete dentures. Introduces the student to mounting, setting of teeth, processing, and finishing removable partial dentures. Studies the need for and how to attain balanced occlusion in removable partial denture prosthetics. Prerequisite: An interview with the program head to establish interest, motivation, and aptitudes for dental laboratory technology. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

General Course Purpose: Students must be capable of performing removable prosthodontic procedures in order to function as a dental lab technician in a commercial dental laboratory.

Course Prerequisites and Co-requisites:

Prerequisite: Students must have an interview with the program head in order to establish interest, motivation, and aptitudes for dental laboratory technology.

Course Objectives:

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

- a. Demonstrate the proper arrangement of artificial teeth on frameworks and soft tissue contouring;
- b. Describe investing and processing procedures utilizing various kinds of acrylic;
- c. Demonstrate remount and removal of processing errors;
- d. Use proper techniques for polishing, disinfecting, and preparing for delivery;
- e. Demonstrate reline, rebase, and repair of acrylic; and
- f. Demonstrate broken clasp repair, wrought wire use, and soldering.

Major Topics to Be Included:

- a. Arranging artificial teeth on frameworks and soft tissue contouring
- b. Investing and processing R.P.D. frameworks
- c. Remounting and removing processing errors
- d. Repairing broken clasp with wrought wire and soldering
- e. Repairing removable appliances

Effective Date of Course Content Summary: August 22, 2008