Course Prefix and Number:  DNL 136  
Credits:  3

Course Title:  Principles of Occlusion

Course Description:  Provides a general overview of the masticatory system and the dynamics of mandibular movement.  Occlusal restorations are fabricated in wax on a semi-adjustable articulator according to functional criteria.  Students observe fabrication procedure demonstrations and receive one-on-one instruction during part of the laboratory sessions.  Lecture 2 hours.  Laboratory 3 hours.  Total 5 hours per week.

General Course Purpose:  Students must develop skills and knowledge of occlusion concepts and apply these principles during the fabrication of various dental prostheses in the commercial dental laboratory setting.

Course Prerequisites and Co-requisites:
Prerequisite:  General admission to the college

Course Objectives:
Upon completing the course, the student will be able to:
   a.  Discuss the basic principles and fundamentals of occlusion;
   b.  Describe the usage and demonstrate the practical application of articulators; and
   c.  Demonstrate in the laboratory the P.K.T. and Cusp to Fossa functional waxing skills.

Major Topics to Be Included:
   a.  Terminology and the temporomandibular joint
   b.  Fundamental of occlusion
   c.  Articulators
   d.  Functional waxing techniques

Effective Date of Course Content Summary:  August 22, 2008