

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Dental Hygiene
Associate in Applied Science Degree

Curriculum Code: 0279 (Effective Fall 2007 – Summer 2009)

Dental hygienists are licensed preventive oral health care professionals. They provide educational, clinical, and therapeutic services to patients in dental offices, schools, hospitals, long-term care facilities, and other public health programs. Clinical skills include performing patient assessments; taking health histories; examining head, neck, and oral tissues for disease; checking blood pressures; exposing and processing dental x-ray pictures; applying decay-preventing agents to the teeth; polishing fillings; periodontal debridement; and polishing teeth. Upon graduation from this program which is accredited by the Commission on Dental Accreditation of the American Dental Association (CODA), students are eligible to take the written and clinical licensing exams. **Not all courses in this program transfer to all colleges.** Students planning to transfer should see an academic advisor or counselor before enrolling in any course.

This is a selective admission program. In order to be considered as a candidate for this program, students must meet basic admission requirements beyond those required for admission to the college. Many of the courses for this program are open only to students officially admitted to the Dental Hygienist Program.

PREREQUISITES

Students should see *Course Descriptions* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

INFORMATION

The admission and/or graduation requirements for this program may change each academic year. **The program requirements below apply only to those students who have been admitted to the program for the 2007/2008 academic year.** For the most recent and complete information, interested students should contact the Admissions Office, Gannon Building, Room 203, telephone number (517) 483-1254 or the Health and Human Services Department, Health and Human Services Building, Room 108 telephone number (517) 483-1410 (Website: <http://www.lcc.edu/health/>).

REQUIREMENTS FOR ADMISSION TO THE DENTAL HYGIENE PROGRAM

For current information about admission requirements, students must contact the Admissions Office, Gannon Building, Room 203, telephone number (517) 483-1254.

REQUIREMENTS (See Notes 1 and 2)

TOTAL: 71 CREDITS
CREDIT HOURS

| CODE | TITLE | CREDIT HOURS |
|---------|--|--------------|
| BIOL145 | Introductory Anatomy and Physiology (See Note 3) | 4 |
| BIOL203 | Microbiology | 3 |
| CHEM120 | General Organic and Biological Chemistry | 4 |
| DENT140 | Oral Histology & Embryology | 2 |
| DENT142 | PreClinical Dental Hygiene | 3 |
| DENT144 | PreClinical Dental Hygiene Practice | 2 |
| DENT146 | Head, Neck & Oral Anatomy | 4 |
| DENT148 | Dental Radiography | 3 |
| DENT152 | Dental Hygiene I | 2 |
| DENT154 | Clinical Dental Hygiene I | 2.5 |
| DENT156 | Nutrition | 3 |
| DENT158 | Dental Pharmacology I | 2 |
| DENT160 | Oral Pathology | 3 |
| DENT174 | Clinical Dental Hygiene II | 1 |
| DENT176 | Dental Materials & Methods | 3 |
| DENT178 | Dental Pharmacology II | 2 |
| DENT240 | Anxiety & Pain Control Management | 3 |
| DENT242 | Dental Hygiene III | 2 |
| DENT244 | Clinical Dental Hygiene III | 3.5 |
| DENT246 | Principles of Periodontics | 3 |
| DENT248 | Dental Public Health & Educ | 3 |
| DENT250 | Oral Health Psychology | 2 |
| DENT252 | Dental Hygiene IV | 2 |
| DENT254 | Clinical Dental Hygiene IV | 3 |
| DENT256 | Community Oral Health | 2 |
| SOCL120 | Introduction to Sociology | 4 |

LIMITED CHOICE REQUIREMENTS

TOTAL: 6-11 CREDITS

Complete the indicated number of credits from **EACH CHOICE** listed below.

CHOICE 1: General Education Core Areas

3-8 Credits

(See *General Education Core Requirements* for information on how to fulfill these requirements.

Core area proficiency exams, where appropriate, are available for each core area.)

| | |
|--|-----|
| Communication Core Area (See Note 4) | 0 |
| Global Perspectives and Diversity Core Area (See Note 5) | 0 |
| Mathematics Core Area (See Note 6) | 0-4 |
| Science Core Area (See Note 5) | 0 |
| Writing Core Area | 3-4 |

CHOICE 2: Communication

3 Credits

| | | |
|---------|-------------------------------------|---|
| SPCH110 | Oral Communication in the Workplace | 3 |
| SPCH120 | Dynamics of Communication | 3 |
| SPCH130 | Fundamentals of Public Speaking | 3 |

MINIMUM TOTAL **77**

NOTES:

1. BIOL145, BIOL203, CHEM120 must be completed with a minimum grade of 2.5 as part of the requirements for admission to the Dental Hygiene Program. The Mathematics Core requirement must also be completed with a minimum grade of 2.5 prior to admission and may be waived by successfully passing a proficiency exam. In addition, students are encouraged to complete SOCL120 and the Communication and Writing Core courses prior to admission (a minimum grade of 2.0 is required.) Once a student is admitted to the program, all DENT clinical courses must be completed with a minimum grade of 2.5 and all DENT didactic courses must be completed with a minimum grade of 2.0 to graduate.
2. Once admitted to the Dental Hygiene Program, students must complete a physical examination, be current in all immunizations required by the program including a yearly TB test and the Hepatitis B series, and maintain current Basic Cardiac Life Support Certification (Infant, Child, and Adult – EMSB102 or American Red Cross “Provider C.”)
3. Students planning to transfer to a four-year institution are encouraged to take BIOL201 and BIOL202 in place of BIOL145. A minimum grade of 2.5 is required for each BIOL course.
4. Students must complete one course from CHOICE 2 to fulfill the requirements for the Communication Core area.
5. Students completing “REQUIREMENTS” have fulfilled the requirements for this Core area.
6. The Mathematics Core Area requirement must be completed during Phase I requirements for admission to the Dental Hygiene Program by completing MATH112 with a minimum grade of 2.0 or by completing a non-Core mathematics course (MATH121 or higher) with a minimum grade of 2.0. This requirement may be waived by successfully passing the MATH112 Proficiency Exam.
7. DENT280–Testing Styles and Inventories is optional and is highly recommended during the final semester.

SUGGESTED COURSE SEQUENCE

BIOL145 (or BIOL201 and BIOL202), BIOL203, CHEM120, and MATH112 (or a non-Core mathematics course MATH121 or higher) or mathematics proficiency must be completed as part of the requirements for admission to the Dental Hygiene Program. In addition, students are encouraged to complete the remaining courses listed in semesters I, II, and III below prior to admission. Once admitted to the program, students begin semester IV courses during fall semester.

| I | II | III | | |
|-----------------------------|-------------------|--------------------|-------------------|--|
| BIOL145 | CHEM120 | BIOL203 | | |
| MATH112 (or proficiency) | SOCL120 | Lim.Ch.2 | | |
| Lim.Ch.1 | | | | |
| IV (Fall) | V (Spring) | VI (Summer) | VII (Fall) | |
| DENT140 | DENT152 | DENT174 | DENT240 | |
| DENT142 | DENT154 | DENT176 | DENT242 | |
| DENT144 | DENT156 | DENT178 | DENT244 | |
| DENT146 | DENT158 | | DENT246 | |
| DENT148 | DENT160 | | DENT248 | |
| VIII (Spring) | | | | |
| DENT250 | | | | |
| DENT252 | | | | |
| DENT254 | | | | |
| DENT256 | | | | |
| DENT280 Optional | | | | |