

LANSING COMMUNITY COLLEGE

Health & Public Services

Curriculum Code: 0279  
(Effective Fall 2018 –  
Summer 2020)

**Dental Hygiene A.A.S. Pathway**

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), 211 East Chicago Avenue, Suite 1900 Chicago, Illinois 60611, students are eligible to take the written and clinical exams necessary for licensure. In addition, students are eligible to take the Commission on Dental Competency Assessments (CDCA) exams for local anesthesia and nitrous oxide administration. Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any course.

**Admission Requirements**

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. Courses listed below in Semesters I, II and III must be completed or in progress by the May 1 Dental Hygiene Program admission application deadline for a Fall start date. Once admitted, a student may not begin a new semester until she or he has successfully completed all DENT courses listed in the previous semester with a minimum grade of 2.5.

**For More 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 2018/2019 academic year. For the most recent and complete information, interested students should visit the Dental Hygiene Program, Health and Human Services Building, Room 108, telephone number (517) 483-1410, or the Academic Advising Department, Gannon Building – StarZone, telephone number (517) 483-1904.

Semesters I, II, and III To be determined by student	Course Title	Prerequisites	Credit/Billing Hours
<b>Program of Study Requirement for Admission - <i>Select either the A course or the B courses</i></b> <i>This selection also satisfies the Science Core Area. Minimum 2.5 required.</i>			
BIOL 145 <b>A</b>	Intro Anatomy and Physiology	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
BIOL 201 <b>B</b>	Human Anatomy	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
BIOL 202 <b>B</b>	Human Physiology	Minimum 2.0 in BIOL 201 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 5 or minimum 2.0 in MATH 109 or STAT 170 or concurrent enrollment in MATH 119)	4 / 5
<b>Program of Study Requirement for Admission – <i>Select 1</i></b> <i>This selection also satisfies the Writing Core Area. Minimum 2.0 required.</i>			
ENGL 121	Composition I	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	4 / 4
ENGL 122	Composition II	Minimum 2.0 in ENGL 121 (formerly WRIT 121) or ENGL 131 (formerly WRIT 131) or (Reading Level 5 and Writing Level 8)	4 / 4
ENGL 131	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4
ENGL 132	Honors Composition II	Minimum 3.5 in ENGL 121 (formerly WRIT 121) or ENGL 131 (formerly WRIT 131) or Reading Level 5 and Writing Level 8	4 / 4

<b>Program of Study Requirements for Admission</b> <i>BIOL 203 and CHEM 120 require with a minimum 2.5. PSYC 200, SOCL 120, and the MATH course require a minimum 2.0.  MATH 119 (or higher MATH course) also satisfies the Mathematics Core Area.  SOCL 120 also satisfies the Global Perspectives &amp; Diversity Core Area.</i>			
BIOL 203	Microbiology	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	3 / 3
CHEM 120	Gen Organic & Biological Chem	Reading Level 5 and Writing Level 4 and Math Level 4 or minimum 2.0 in MATH 105 or MATH 106	4 / 4
MATH 119	Math - Applications for Living	(Minimum 2.0 in MATH 105 or MATH 106 or MATH 107 or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
PSYC 200	Introduction to Psychology	Reading Level 5 or (ENGL 098 or ENGL 099 concurrently)	4 / 4
SOCL 120	Introduction to Sociology	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently)	4 / 4
<b>Communication Core Area - <i>Select 1</i></b> <i>Students must pass this Core Area course with a minimum 2.0</i>			
COMM 120	Dynamics of Communication	Reading Level 5 and Writing Level 6	3 / 3
COMM 130	Fund of Public Speaking	Reading Level 5 and Writing Level 6	3 / 3
<b>Program of Study Recommendations for Admission</b> <i>BIOL 204 and STAT 170 are recommended, not required. If taken, a minimum 2.0 is needed.  STAT 170 will not fulfill the Dental Hygiene Program requirement of MATH 119 or higher.</i>			
BIOL 204	Microbiology Laboratory	Minimum 2.0 in BIOL 203 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	1 / 3
STAT 170	Introduction to Statistics	(Minimum 2.0 in MATH 105 or MATH 106 or above or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
<b>Admission Requirement Credits and Bill Hours</b>			<b>30-39 / 32-44</b>

<b>Semester IV Fall</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>Program of Study Requirements</b>			
DENT 140	Oral Histology & Embryology	Admission to Dental Hygiene Program; Co-requisite Course(s): DENT 142 and DENT 144 and DENT 146 and DENT 148	1.5 / 1.5
DENT 142	PreClinical Dental Hygiene	Admission to Dental Hygiene Program and Co-requisite Courses	3 / 3
DENT 144	PreClinic Dental Hyg Practice	Admission to Dental Hygiene Program and Co-requisite Courses	2 / 8
DENT 146	Head, Neck & Oral Anatomy	Admission to Dental Hygiene Program and Co-requisite Courses	3.5 / 5.5
DENT 148	Dental Radiography	Admission to Dental Hygiene Program and Co-requisite Courses	3 / 5
<b>Credits</b>			<b>13 / 23</b>

<b>Semester V Spring</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>Program of Study Requirements</b>			
DENT 152	Dental Hygiene I	Minimum 2.5 in (DENT 140 and DENT 142 and DENT 144 and DENT 146 and DENT 148); Co-requisite Course(s): DENT 154 and DENT 156 and DENT 158 and DENT 161	2 / 2
DENT 154	Clinical Dental Hygiene I	(Minimum 2.5 in DENT 140 and DENT 142 and DENT 144 and DENT 146 and DENT 148); and Co-requisite Courses	2 / 8
DENT 156	Nutrition	(Minimum 2.5 in DENT 140 and DENT 142 and DENT 144 and DENT 146 and DENT 148); and Co-requisite Courses	2 / 2
DENT 158	Dental Pharmacology	(Minimum 2.5 in DENT 140 and DENT 142 and DENT 144 and DENT 146 and DENT 148); and Co-requisite Courses	3 / 3
DENT 161	Principles of Periodontics	(Minimum 2.5 in DENT 140 and DENT 142 and DENT 144 and DENT 146 and DENT 148); and Co-requisite Courses	3 / 3
<b>Credits</b>			<b>12 / 18</b>
<b>Semester VI Summer</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>Program of Study Requirements</b>			
DENT 174	Clinical Dental Hygiene II	Minimum 2.5 in (DENT 152 and DENT 154 and DENT 156 and DENT 158 and DENT 161); Co-requisite Course: DENT 176	1 / 4
DENT 176	Dental Materials & Methods	Minimum 2.5 in (DENT 152 and DENT 154 and DENT 156 and DENT 158 and DENT 161); Co-requisite Course: DENT 174	3 / 5
<b>Credits</b>			<b>4 / 9</b>

Semester VII Fall	Course Title	Prerequisites	Credit/Billing Hours
<b>Program of Study Requirements</b>			
DENT 240	Anxiety & Pain Control Mgmt	Minimum 2.5 in (DENT 174 and DENT 176); Co-requisite Course(s): DENT 242 and DENT 244 and DENT 247 and DENT 248	2.5 / 4
DENT 242	Dental Hygiene III	(Minimum 2.5 in DENT 174 and DENT 176) and Co-requisite Courses	2 / 2
DENT 244	Clinical Dental Hygiene III	(Minimum 2.5 in DENT 174 and DENT 176) and Co-requisite Courses	3 / 12
DENT 247	Oral Pathology	(Minimum 2.5 in DENT 174 and DENT 176) and Co-requisite Courses	3 / 3
DENT 248	Dental Public Health & Educ	(Minimum 2.5 in DENT 174 and DENT 176) and Co-requisite Courses	3 / 3
<b>Credits</b>			<b>13.5 / 24</b>
Semester VIII Spring	Course Title	Prerequisites	Credit/Billing Hours
<b>Program of Study Requirements</b>			
DENT 252	Dental Hygiene IV	Minimum 2.5 in (DENT 240 and DENT 242 and DENT 244 and DENT 247 and DENT 248); Co-requisite Course(s): DENT 254 and DENT 256	2 / 2
DENT 254	Clinical Dental Hygiene IV	(Minimum 2.5 in DENT 240 and DENT 242 and DENT 244 and DENT 247 and DENT 248) and Co-requisite Courses	3 / 12
DENT 256	Community Oral Health	(Minimum 2.5 in DENT 240 and DENT 242 and DENT 244 and DENT 247 and DENT 248) and Co-requisite Courses	1.5 / 1.5
<b>Program of Study Recommendation</b> <i>DENT 270 is recommended, not required.</i>			
DENT 270	Dental Hygiene Board Review	Determined by Section	2 / 2
<b>Credits</b>			<b>6.5-8.5 / 15.5-17.5</b>
<b>Total Credits</b>			<b>79-90 / 121.5-135.5</b>