



Program Application
for
Oregon Institute of
Technology
Dental Hygiene Programs
in
Klamath Falls
&
Salem

DENTAL HYGIENE
3201 Campus Drive, SE 212
Klamath Falls, Oregon 97601

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Application Deadline
March 31, 2021

Dental Hygiene Department Mission Statement

The Oregon Institute of Technology (Oregon Tech) Dental Hygiene Program provides an educational environment that fosters respect and encourages critical thinking. Its mission is to educate students to become primary healthcare providers who are well prepared to serve the public in multiple roles and who are empowered to become life-long learners.

Upon graduation, students are prepared for entry into the dental hygiene profession and are eligible for state and national exams leading to licensure as a registered dental hygienist or expanded practice dental hygienist, including all expanded functions allowed within the scope of practice for a dental hygienist.

Dental Hygiene Program Philosophy

Dental hygienists are college educated, licensed to practice dental hygiene according to state statutes, and adhere to a code of ethics and a standard of practice established by the American Dental Hygienists' Association (ADHA). The Oregon Tech Dental Hygiene faculty believes that dental hygienists begin their professional careers as students. It is their desire that each student achieve the highest level of knowledge, skill, and professionalism for entry into dental hygiene practice. The faculty promotes the public health and professional roles of dental hygienists as clinician, educator, administrator/manager, researcher, and advocate. The program provides students the opportunity for varied learning experiences within each of these roles. Additionally, the faculty supports life-long learning and the professional responsibility to remain current with changes in technology and health-related knowledge.

It is the philosophy of the Oregon Tech Dental Hygiene Program that learning is a shared responsibility of students and instructors. The faculty strives to promote learning in collaboration with students within an environment that is respectful, safe, and supportive for both students and faculty. The program instructors are one of many resources available to students, with the ultimate responsibility for learning belonging to the student. This teaching philosophy encourages students to utilize all available learning resources as well as to develop critical thinking and problem solving skills so that learning will continue beyond graduation.

This program is based on the philosophy that the quality of dental hygiene care must be of the same high standard regardless of who provides the care. Therefore, the goal is to develop competent dental hygienists; people who are well qualified to practice their profession because they have mastered the necessary knowledge, attitudes and skills.

If you are judged competent, it implies that your knowledge, attitudes, and performance have been judged against standards that the people in the profession believe to be acceptable. The competencies (standards of performance) expected of Oregon Tech Dental Hygiene Program graduates have been determined by experts in dental hygiene education and practice. They have defined the criteria that determine competent performance of professional tasks and all-encompassing essential functions. Together these effectively define "Acceptable Performance" for the beginning practitioner who has become "competent" to provide safe, effective professional care and education independently with the ability to continue to learn and develop higher levels of knowledge, skill and professional ethics.

Dental Hygiene Degrees at Oregon Tech

Oregon Tech offers its BS in Dental Hygiene at its Klamath Falls Residential Campus (southern Oregon), and in collaboration with Chemeketa Community College in Salem. Both programs prepare the dental hygiene student for entry into the dental hygiene profession and have the same pre-dental hygiene requirements and application process. Enrollment into the sophomore year of each program is limited and based upon the selection process outlined in this application packet. Upon successful completion of the program, the graduate is eligible to apply for the National Dental Hygiene Board Examination, regional clinical exams, and state licensure in every state in the U.S.

Applying to the Oregon Tech Dental Hygiene Programs

You may apply to both of the dental hygiene program sites with one application. Prerequisite (pre-dental hygiene) courses are the same for both campus locations.

Minimum Eligibility

To be considered for selection into the professional programs in dental hygiene, you must be eligible and apply for admission to Oregon Tech **and** apply to the Oregon Tech Dental Hygiene Program. Eligibility for consideration is contingent upon the following qualifications being met:

1. You must have successfully completed or be in progress of completing all dental hygiene pre-requisite courses by June 15, 2021. The only exception is BIO 233 which must be completed by August 31, 2021. Please note: Completion of *Introduction to Dental Hygiene* (DHE 100 online) is required by the end of spring term of the year of application. Full admission to Oregon Tech is not required to take DHE 100. Information about DHE 100 registration can be found at <https://www.oit.edu/online/courses/dhe-100>.
2. You must have a minimum cumulative GPA of 2.75.

Admission Process

STEP 1 – Apply for Admission to Oregon Institute of Technology

File an *Application for Admission* with the Oregon Tech Office of Admissions. Apply online at <http://www.oit.edu/admissions>. It is recommended that you apply for admission no later than March 1, 2021, which is the priority deadline for admission scholarships for students entering in the Fall Term. You will be asked to pay a \$50 non-refundable admission fee at the end of the application session.

Full admit status is required. Your dental hygiene program application will not be considered if you do not have an application for admission on file in the Oregon Tech Office of Admissions.

Forward supporting documentation, including official transcripts from the Registrar of each college or university you attended, directly to the Office of Admissions:

Oregon Tech Admissions
3201 Campus Drive
Klamath Falls, Oregon 97601

***Please note that admission to Oregon Tech does not mean that you are admitted to the dental hygiene program.

STEP 2 - Complete the Oregon Tech Dental Hygiene Program application

Components of the application:

1. Completed Dental Hygiene Program Application (page 5-6)
2. Course Information Form (page 7)
3. Applicant Immunization Record Form (page 16)
4. Signed Applicant Understanding Form (page 17)

***Only one dental hygiene application is needed to apply for the Klamath Falls and/or Salem campus programs. Candidates may indicate campus preference in the application.

STEP 3 - Submit Dental Hygiene application packet and processing fee of \$75 (non-refundable application evaluation fee in the form of check or money order made payable to Oregon Tech Dental Hygiene)

Mail or hand deliver to:

Oregon Tech Dental Hygiene
Attn: Lisa Leonard, Semon Hall #212
3201 Campus Drive
Klamath Falls, OR 97601

To be eligible for review for the Fall 2021 application period, documents must be postmarked by March 31, 2021. You will receive a confirmation e-mail from the Dental Hygiene Department upon receipt of your application and fee. If your contact information changes during the application process, please send an e-mail to lisa.leonard@oit.edu.

STEP 4 - Attend Interview Day, April 16, 2021 (by invitation only)

Students selected to proceed to the interview stage will be contacted via e-mail regarding the exact interview time and location.

Interview invitations will be granted based on the following criteria:

- Oregon Tech General Admissions
- Minimum cumulative GPA of 2.75
- Dental Hygiene program application (post marked by March 31, 2021)
- Dental Hygiene application fee of \$75.00 paid (post marked by March 31, 2021)
- Grade earned in Introduction to Dental Hygiene (DHE 100)

Selection for a seat at either program site will be based on the following criteria:

- Overall pre-requisite GPA
- Science & Math pre-requisite courses GPA
- Interview day participation evaluation

Additional consideration:

- Students who have completed at least 50% of pre-requisite courses through Oregon Tech or Chemeketa Community College

- Overall transcript review (such as but not limited to: the number of prerequisite courses completed at the time of application, completion of courses beyond pre-requisites, course repeats)

Final acceptance of selected students is contingent upon the following:

1. Successful completion of any prerequisite courses in progress at the time of application by June 15, 2021. This includes DHE 100. The only exception is BIO 233 which must be completed by August 31, 2021.
 2. Successful completion of passing background check and drug test.
 3. Providing proof of all required immunizations.
- Instructions for verification will be provided to students in the dental hygiene program welcome packet.

Oregon Tech reserves the right to modify the criteria and process for admission to the dental hygiene programs on an annual basis.



DENTAL HYGIENE DEPARTMENT
 3201 Campus Drive, SE 212
 Klamath Falls, OR 97601

**APPLICATION FOR ADMISSION
 DENTAL HYGIENE PROFESSIONAL PROGRAM
 FALL 2021**

Complete the application by providing the information requested. Please type or print neatly.
 Applications that are incomplete or submitted with errors will not be reviewed. Once completed, please print and mail or hand deliver with the dental hygiene department application fee of \$75.00.

Last	First	MI	Date	Last 4 digits of SSN
Current Address _____				
Number and Street		City	State	Zip Code
Summer Address _____				
Number and Street		City	State	Zip Code

(If your address, phone number, or e-mail changes, please let us know so we may keep in contact with you.)

Oregon Tech ID Number _____ (918xxxxxx) Mandatory and received once admitted to Oregon Tech

Phone _____ Alternate _____

E-mail _____ Birth date _____
 Month / Day

Preferred Program site:

___ Klamath Falls only ___ Salem only ___ Either

If Either, my preference is: ___ Klamath Falls ___ Salem

Previously applied to the program Y ___ N ___ Year(s) _____

Have you previously been enrolled in a dental hygiene program? Y ___ N ___

If yes, what school and date? _____

Please explain why you were unable to complete the program: _____

Have you had a misdemeanor or felony conviction? Y ___ N ___

If yes, please explain: _____

Education Information

Name of College or University	Date(s) of Attendance	Degree Earned or Anticipated	Cumulative GPA

***** Continue on next page**

Course Information

List your prerequisite course information below as it appears on your transcript. **Oregon Tech** students only need to list the grade and term/year for courses completed at Oregon Tech. **Transfer students and transfer courses MUST include ALL** information. Please indicate if the college where you took courses is on the quarter or semester system. **All applicants** should indicate *IP* in the grade column for courses in progress or not yet completed. Also indicate the term and year of enrollment when your class was taken or will be taken. (Courses must be equivalent in content and credits to be accepted. Please see the transfer guide at:

https://ssb-prod.ec.oit.edu/PROD/oitcas_web.p_Dispequivalencies

Please note that 1 semester credit is equal to 1.5 quarter credit hours.

Oregon Tech Courses			Transfer Courses							
COURSE	TITLE	CR	COURSE	TITLE	COLLEGE or UNIVERSITY WHERE TAKEN	S (SEM) or Q (QTR) SYSTEM	CR	GRADE	TERM and YEAR	
BIO 105	Microbiology	4								
BIO 200	Medical Terminology	2								
BIO 205	Nutrition	3								
BIO 231	Human Anatomy and Physiology I	4								
BIO 232	Human Anatomy and Physiology II	4								
BIO 233	Human Anatomy and Physiology III	4								
CHE 101/104	Elementary Chemistry w/Lab	4								
DHE100*	Introduction to Dental Hygiene	2	<i>Online course: Can only be taken at Oregon Tech</i>							
PSY	Psychology elective	3								
SOC 204	Introduction to Sociology	3								
Math 243 or Math 111+	Statistics, College Algebra or higher	4								
	Humanities elective	3								
SPE 111	Public Speaking	3								
WRI 121	English Composition	3								
WRI 122	Argumentative Writing	3								

ESSENTIAL FUNCTIONS OF A DENTAL HYGIENIST

In order to be admitted to or continue in the Dental Hygiene Program a student must possess skills and abilities essential to perform as a dental hygienist. Students are required to perform dental hygiene services for patients in the clinical setting. The department has the responsibility of ensuring the safety of the patients including completion of treatment within an acceptable amount of time and without significant regression of skills. With these considerations a dental hygiene student/candidate must be able to meet the following essential functions:

Physical Skills

Sit or stand; bend and reach while performing clinical procedures. Function in a structured environment for several hours. Demonstrate hand/eye coordination, manual dexterity and tactile sensitivity necessary to manipulate a variety of instruments, materials and equipment. Perform cardiopulmonary resuscitation and assist in emergency situations.

Sensory Skills

Read charts, records, small print, typed and handwritten notes. See with measurable depth perception and in low-light conditions. Distinguish color variations and discern shades of black and white. Hear and understand verbal directions. Discern sounds related to patient assessment and treatment. Distinguish smells of various drugs, solutions and materials used in healthcare settings. Feel subtle differences in surface textures. Recognize changes in patient status.

Cognitive Skills

Comprehend, analyze and synthesize complex science and clinical findings. Apply prior learning to new situations. Concentrate on task at hand amidst a variety of environmental distractions. Interpret patient findings, recognize anomalies and make decisions, which affect patient care. Use personal computers to complete assignments.

Communication Skills

Speak and write clearly. Provide patients with clear instructions appropriate for their level of understanding. Write clear and legible chart notes. Organize thoughts and ideas into written essays and research papers.

Interpersonal Skills

Interact with individuals, small groups, and large audiences. Establish sufficient rapport and maintain appropriate boundaries in order to effectively relate to patients, colleagues, faculty and staff. Display a respectful attitude at all times. Demonstrate concern and empathy for a diverse variety of patients. Address problems or questions to the appropriate person at the appropriate time.

Professional Skills

Present a professional appearance and maintain personal health. Maintain composure during stressful situations. Work both independently and as a team member. Organize tasks, set priorities and manage projects. Maintain accuracy and confidentiality of patient records. Comply with established policies, procedures, infection control standards, Oregon Tech student conduct code, ADHA code of ethics and the class code of conduct. Provide care to all patients regardless of age, race, ethnic origin, physical or mental status or other condition.

Oregon Tech Dental Hygiene BSDH
2020-2021 CATALOG

Pre-Dental Hygiene Freshman Year					
OIT KLAMATH FALLS			CHEMEKETA EQUIVALENT		
Course #	Course Name	Credit	Course #	Course Name	Credit
FALL					
BIO 231	Human Anatomy & Physiology I	4	BI 231	Human Anatomy & Physiology	4
CHE	CHE Elective w/ Lab	4+	CH 110	Chemistry for Allied Health	5
DH 100	Introduction to Dental Hygiene	2	DHE 100	Introduction to Dental Hygiene--online	2
BIO 200	Medical Terminology	2	HM 120	Medical Terminology I	3
PSY	Psychology elective	3	PSY	Psychology elective	3
Total credits		15			17
WINTER					
BIO 232	Human Anatomy & Physiology II	4	BI 232	Human Anatomy & Physiology	4
BIO 105	Microbiology	4	BI 234	Microbiology	4
SOC 204	Sociology	3	SOC 204	General Sociology--Introduction	4
WRI 121	English Composition	3	WRI 121	English Composition--Exposition	4
Math 243 or Math 111+	Statistics or College Algebra or higher	4	MTH 243	Probability & Statistics I or College Algebra or higher	4
Total credits		18			20
SPRING					
BIO 233	Human Anatomy & Physiology III	4	BI 233	Human Anatomy & Physiology	4
BIO 205	Nutrition	3	NFM 225	Nutrition	4
SPE 111	Public Speaking	3	COMM 111	Fundamentals of Public Speaking	4
WRI 122	Argumentative Writing	3	WRI 122	English Composition—Logic & Style	4
	Humanities Elective	3		Humanities Elective	3
Total credits		16			19
Professional Courses—Sophomore Year					
OIT KLAMATH FALLS			CHEMEKETA EQUIVALENT		
Course #	Course Name	Credit	Course #	Course Name	Credit
FALL					
DH 221	Dental Hygiene Clinical Practice I	4	DH 221	Dental Hygiene Clinical Practice I	4
DH 225	Head & Neck Anatomy, Histology, Embryology	3	DH 225	Head & Neck Anatomy, Histology, Embryology	3
DH 240	Prevention I	3	DH 240	Prevention I	3
DH 266	Dental Anatomy	2	DH 266	Dental Anatomy	2
	Humanities Elective	3		Humanities Elective	3
Total credits		15			15
WINTER					
DH 222	Dental Hygiene Clinical Practice II	4	DH 222	Dental Hygiene Clinical Practice II	4
DH 241	Prevention II	3	DH 241	Prevention II	3
DH 275	Ethics	2	DH 275	Ethics	2
DH 252	Oral Radiology I	3	DEN 164	Dental Radiology I	3
DH 244	General & Oral Pathology	3	DH 244	General & Oral Pathology	3
WRI 227	Technical Report Writing	3	WR 227	Technical Writing	3
Total credits		18			18
SPRING					
DH 223	Dental Hygiene Clinical Practice III	3	DH 223	Dental Hygiene Clinical Practice III	3
DH 254	Introduction to Periodontology	2	DH 254	Introduction to Periodontology	2
DH 253	Oral Radiology II	2	DH 253	Oral Radiology II	2
DH 242	Prevention III	3	DH 242	Prevention III	3
DH 380	Community Dental Health I	2	DH 380	Community Dental Health I	2
DH 267	Emergency Procedures	3	DH 267	Emergency Procedures	3
Total credits		15			15

Chemeketa Notes:

- Communications elective: Choose from SP115; SP218; WR123; BA 214
- HUM electives may only include one activity based course

Professional Courses—Junior Year					
OIT KLAMATH FALLS			CHEMEKETA EQUIVALENT		
Course #	Course Name	Credit	Course #	Course Name	Credit
FALL					
DH 321	Dental Hygiene Clinical Practice IV	4	DH 321	Dental Hygiene Clinical Practice IV	4
DH 354	Periodontology	3	DH 354	Periodontology	3
DH 340	Emerging Oral Health Topics	3	DH 340	Emerging Oral Health Topics	3
DH 381	Community Dental Health II	2	DH 381	Community Dental Health II	2
SPE 321	Small Group & Team Communication	3	COMM 219	Fundamentals of Small Group Communication	4
CHE 360	Clinical Pharmacology	3	PHM 230	Pharmacology	3
Total credits		18			19
WINTER					
DH 322	Dental Hygiene Clinical Practice V	3	DH 322	Dental Hygiene Clinical Practice V	3
DH 382	Community Dental Health III	2	DH 382	Community Dental Health III	2
DH 341	Vulnerable Populations	3	DH 341	Vulnerable Populations	3
DH 351	Pain Management I	3	DH 351	Pain Management I	3
	Humanities Elective	3		Humanities elective	3
Total credits		14			14
SPRING					
DH 323	Dental Hygiene Clinical Practice VI	5	DH 323	Dental Hygiene Clinical Practice VI	5
DH 344	Advanced General & Oral Pathology	3	DH 344	Advanced General & Oral Pathology (b)	3
DH 383	Community Dental Health IV	1	DH 383	Community Dental Health IV	1
DH 352	Pain Management II	2	DH 352	Pain Management II	2
DH 363	Dental Materials	4	DEN 163	Dental Materials	4
DH 370	International Externship (optional)	1	DH 370	International Externship (optional)	1
Total credits		15			15
Professional Courses—Senior Year					
OIT KLAMATH FALLS			CHEMEKETA EQUIVALENT		
Course #	Course Name	Credit	Course #	Course Name	Credit
SUMMER					
DH 421	Dental Hygiene Clinical Practice VII	4	DH 421	Dental Hygiene Clinical Practice VII	4
AHED 450	Instructional Methods	3	AHED 450	Instructional Methods	3
DH 461	Restorative Dentistry I	2	DH 461	Restorative Dentistry I	2
	Elective from Approved List*	3		Elective from Approved List*	3+
	Social Science Elective	3		Social Science Elective	3
DH 371	International Externship (optional)	1	DH 371	International Externship (optional)	1
Total credits		15			15
FALL					
DH 422	Dental Hygiene Clinical Practice VIII	5	DH 422	Dental Hygiene Clinical Practice VIII	5
DH 475	EBDM in Healthcare I	3	DH 475	EBDM in Healthcare I	3
DH 462	Restorative Dentistry II	2	DH 462	Restorative Dentistry II	2
	Elective from Approved List*	3		Elective from Approved List*	3
	Communications Elective	3		Communications elective	3
DH 372	International Externship (optional)	1	DH 372	International Externship	1
Total credits		16			16
WINTER					
DH 423	Dental Hygiene Clinical Practice IX	5	DH 423	Dental Hygiene Clinical Practice IX	5
DH 476	EBDM in Healthcare II	3	DH 476	EBDM in Healthcare II	3
DH 454	Practice Management	3	DH 454	Practice Management	3
DH 463	Restorative Dentistry III	2	DH 463	Restorative Dentistry III	2
	Social Science Elective	3		Social Science Elective	3
Total credits		16			16
Total Program Credits		191	Total Program Credits		198+

* See Advisor for List of Approved Electives

Transfer Equivalencies: DH 252, Oral Radiology I = DEN 164, Dental Radiology I DH 363, Dental Materials = DEN 163, Dental Materials

Electives Approved by the Dental Hygiene Department

CLINICAL PRACTICE		Credits	EDUCATION		Credits
COM 205	Intercultural Communication	3	AHED 451	Instructional Experience	3
BIO 336	Essentials of Pathophysiology	3	AHED 460	Foundations of Distance Ed	3
PSY 347	Organizational Behavior	3	PSY 347	Organizational Behavior	3
PSY 336	Health Psychology I	3	SOC 225	Medical Sociology	3
PSY 337	Health Psychology II	3	PSY 301	Basic Counseling Techniques	3
RCP 326	Disaster Preparedness	2			
PSY 301	Basic Counseling Techniques	3			
BUS 313	Health Care Systems & Policy	3			
BUS 331	Personal Finance	3			
	MANAGEMENT			PUBLIC HEALTH	
	Principles of Health Care			Community Program	
BUS 337	Marketing	3	DH 471	Planning II	3
	Principles of International				
BUS 308	Business	3	BUS 313	Health Care Systems & Policy	3
			WRI		
BUS 226	Business Law	3	410/510	Grant & Proposal Writing	3
BUS 313	Health Care Systems & Policy	3	COM 205	Intercultural Communication	3
BUS 317	Healthcare Management	3	PSY 347	Organizational Behavior	3
BUS 223	Marketing I	3	SOC 225	Medical Sociology	3
PHIL 342	Business Ethics	3	SOC 325*	Global Population Health	3
				Health Inequality & Cultural	
PSY 347	Organizational Behavior	3	SOC 335*	Competency	3
BUS 345	Fraud Examination	3	*	<i>Not currently offered online</i>	
BUS 349	Human Resource Mgmt	3			
ACC 201	Principles of Accounting I	3			
ACC 203	Principles of Accounting II	3			
	Dental Hygiene				
DH 465	Entrepreneurship	3			

*Recommendations for Electives: Electives are recommended and approved by the dental hygiene department based upon student interest and career goals in clinical practice, administration/management, education or public health.

PROVISION AND RECEIPT OF DENTAL HYGIENE SERVICES

During the course of the dental hygiene curriculum you will be required to serve as a patient for a fellow student (or faculty member). The primary purpose for the delivery of diagnostic, non-therapeutic, or therapeutic services to students by student colleagues (or faculty) is to provide initial clinical encounters that support the clinician's early skill development.

Student consent is required for the following procedures, but is not limited to: examination of the head, neck, and oral cavity; comprehensive periodontal examination; occlusal evaluation; radiographic examination; and caries risk assessment. Therapeutic services may include: periodontal debridement; sealants; fluoride therapy; amalgam polishing; and overhang removal. Non-therapeutic services include administration of local anesthetic or nitrous oxide sedation.

In order for services to be provided to you in a safe manner, it is necessary that you complete a current health history. Health history information is to be used for treatment delivery only. Access to student treatment records for purposes other than healthcare delivery is unauthorized.

A description of services as well as the risks and benefits are included in this handbook. There may be further risk, given the clinician is a student learning to provide the service. Please read the description of each service and the benefits and risks associated with each. These are mandatory treatment requirements. All students are required to participate in all of these services, both as clinician and patient, as part of the education process. Students will not be excused from activities unless there is a legitimate medical contraindication, or verified documentation from Disability Services. Sign the informed consent and return it to the Program Director.

DESCRIPTION, BENEFITS, AND RISKS OF DIAGNOSTIC, THERAPEUTIC, AND NONTHERAPEUTIC SERVICES

DENTAL RADIOGRAPHS are negatives of dental structures, similar to photograph negatives, produced by x-rays. Used as a diagnostic tool, they allow the dental professional to detect disease and/or abnormalities such as cavities, cysts, abscesses, or unerupted teeth which otherwise may not be discovered. Radiographs are taken by placing an image receptor in the mouth, directing the x-ray tube toward the receptor and teeth, and making the exposure. Radiographs may also be taken with the image receptor placed outside the mouth.

Possible Risks:

- X-rays create changes in cells. The cells most sensitive to x-rays are red blood cells, white blood cells, and immature reproductive cells.
- Cell repair occurs following exposure to radiation and the majority of damage is repaired.
- Damage to tissue functions is considered negligible at low doses, i.e., dental exposures.
- Everything possible is done to keep the amount of radiation as low as reasonably achievable (ALARA). Safety procedures include (1) minimal exposure techniques, (2) collimators, (3) long open-ended lead-lined “cones,” (4) aluminum filtration, (5) accurate exposure timers, (6) film holding devices, (7) thyroid collars, and (8) leaded torso aprons.

FLUORIDE provides the most effective method for dental caries prevention and control. Fluoride can be delivered to the tooth both systematically (by entry into the blood supply of the developing tooth) and topically (by direct contact of exposed tooth surfaces).

SYSTEMIC FLUORIDE is ingested typically via the community water supply or by dietary supplements. These methods have been shown to decrease caries by 50-60%.

TOPICAL FLUORIDE is applied directly to the surfaces of the teeth by means of fluoride rinses, toothpastes, gels, or professionally applied fluoride varnish. Many research studies show that application of topical fluoride may reduce caries by 30%.

Possible Risks:

- Adverse effects including staining, etching, or dulling of porcelain or composite resin.
- Acute fluoride toxicity. The signs of acute fluoride toxicity are nausea, vomiting, hypersalivation, abdominal pain, and diarrhea.
- Chronic fluoride toxicity can cause dental fluorosis, skeletal fluorosis, and kidney damage.

SEALANTS are a clear acrylic material placed in the deep grooves of the biting surfaces of permanent teeth where no cavities are present. It acts as a physical barrier to prevent bacteria from collecting in the grooves and creating the acid environment essential to the formation of cavities.

Possible Risks:

- Excess sealant material in the deep grooves of the biting surface may cause teeth to come together prematurely. If this occurs, it will usually resolve itself through normal wear. However, if it does not resolve, it may lead to temporomandibular joint pain.
- If sensitivity develops, it may require another appointment to have the sealant reshaped.
- Some patients may be sensitive/allergic to the acrylic material.
- Sealants must be checked for retention at least every six months.

AMALGAM POLISHING places a high shine or luster on the surface of a restoration. The procedure uses pumice that is available in a variety of particle sizes. Polishing can also be achieved with abrasive impregnated cups and points. The abrasiveness is used in descending order to achieve the shiny, smooth surface. Amalgam polishing increases resistance to corrosion and tarnish. This provides opportunity for the restoration to remain effective for a longer period of time.

Possible Risks:

- Excessive heat from pressure and speed exerted by rotary instruments can be harmful to amalgam. Heat production can be minimized by using moderate speed, intermittent moderate pressure, and wet abrasive agents.

MARGINATION involves the removal of excess restorative material in order to more nearly match the natural contours of the tooth. The excess material is removed and the area smoothed and polished. The area will be easier to maintain so fewer bacteria should accumulate in that area. This should result in less inflammation in the area and should help prevent more serious periodontal (gum) problems. Because many factors influence the development and progression of gum disease, there can be no absolute guarantee of future gum health.

Possible Risks:

- Sensitivity to hot, cold, sweets, and acidic foods. This is usually temporary.
- Tissue trauma leading to temporary bleeding and inflammation.

ROUTINE DEBRIDEMENT provides the opportunity to promote a healthy oral environment. Hard and soft deposits surrounding tooth surfaces are removed allowing the gingiva to adhere to the tooth.

Possible Risks:

- Sensitivity to hot, cold, sweets, and acidic foods. This is usually temporary.

- Tissue trauma leading to temporary bleeding and inflammation.
- If treatment is not administered you may develop bleeding when brushing and flossing, gum inflammation and sensitivity, bad breath, periodontal disease.

THERAPEUTIC DEBRIDEMENT involves the removal of hard deposits, soft deposits, and infectious fluids surrounding the root surfaces of the teeth. Local anesthesia may be used to prevent any discomfort during the process.

Possible Risks:

- Sensitivity to hot, cold, sweets, and acidic foods. This is usually temporary and gradually improves over a period of days or weeks.
- An abscess may form in any area of infection. This is very rare.
- If treatment is not administered it may lead to advanced periodontal disease and tooth loss.

LOCAL ANESTHESIA numbs or causes temporary loss of sensation in the affected area. Local anesthetic is administered by injection. The administration of local anesthesia will reduce or eliminate possible discomfort or bleeding during treatment.

Possible Risks:

- Allergic reaction.
- Hematoma (bruising)--slight needle puncture of a blood vessel during an injection.
- Persistent anesthesia--a feeling of numbness for many hours or days following anesthetic injection.
- Trismus--muscle soreness and limited, difficult opening of the mouth.
- A needle could break off in the tissue.
- Drug interactions: example - recent cocaine usage with some types of anesthesia can raise blood pressure dramatically, can be damaging to the heart, and can be fatal.

NITROUS OXIDE AND OXYGEN SEDATION is a conscious inhalation sedation method that is used in about 45% of the dental offices and clinics in the United States today. For most people nitrous oxide sedation produces a relaxed and comforting feeling.

Possible Risks:

If you have any of the following conditions you should not receive nitrous oxide:

- Recent myocardial infarction
- Emphysema or COPD
- Chronic bronchitis
- Middle ear problems
- Currently taking certain anti-anxiety or sedative medications
- Pregnancy
- Nasal obstruction resulting from an upper respiratory infection or cold
- Recovering from a chemical dependency

RUBBER DAM PLACEMENT prevents the swallowing or inhaling of dental materials used for prevention and restoration and provides a dry field.

Possible Risks:

- Allergic reaction
- Discomfort
- Tissue trauma

Program Policies

Bloodborne Pathogen Policy

The Oregon Tech Dental Hygiene Department recognizes that bloodborne pathogens such as human immunodeficiency (HIV), hepatitis B virus (HBV) and hepatitis C virus (HCV) present a risk to students, faculty, staff and patients.

Preventing the transmission of bloodborne pathogens, including HBV, from patients to healthcare workers and from healthcare workers to patients requires a comprehensive approach that includes administering hepatitis B vaccine to all susceptible healthcare workers at risk, viewing all blood as potentially infectious, using measures to reduce blood exposures, and having a staff committed to safe work practices. Critical elements to this approach include adherence to universal precautions, appropriate cleaning and disinfection procedures, safe injection practices, and reducing the risks for injuries.

Criminal Background Check Drug Testing and Immunization Tracker

Upon acceptance to the program you will be provided with information to complete a criminal background check and drug test at your own expense (approximately \$115). This must be completed prior to beginning classes in the fall term. **Students with reported offenses on their background check will have the responsibility of contacting the Oregon Board of Dentistry to determine if dental hygiene licensure is possible.** Immunization tracking is also part of this process. You will need to complete **at your own cost** and submit proof of the following tests or vaccinations or proof of immunity:

Oregon Statutes Require Immunizations for Health Profession Students [OAR 409-030-0100 to 409-030-0250](#)

Tuberculosis

A baseline tuberculosis test(s) is required. Students can get a two-step skin test or blood draw using the Quantiferon Gold or T-Spot tests. Students who have tested positive for tuberculosis in the past must schedule a consultation with the Dental Hygiene Department Chair. Following the baseline test(s), subsequent tests will be required only if a student becomes symptomatic for the disease.

Varicella (Chickenpox)

Students must obtain a varicella titer demonstrating immunity.

Hepatitis B

Students must also begin the hepatitis B vaccine series followed by a titer to test for Hepatitis B antibodies. This process should be completed before students begin treating patients in the spring term.

Pertussis

Students must obtain a current vaccination, usually the T-dap vaccination.

Mumps, measles, rubella (MMR)

Students should be immune to measles, mumps and rubella.

Tetanus

Students must have a current tetanus vaccination (within the past 10 years).

Recommended immunizations:

- 1) Influenza
- 2) Meningitis

APPLICANT IMMUNIZATION RECORD

Please complete the immunization/test/titer table including dates and sign bottom of form.

Immunization/Test/Titer		Date completed		
Tuberculosis two-step skin test or blood draw using the QuantiFERON Gold or T-Spot tests.				
Varicella (Chickenpox) titer				
Pertussis immunization				
MMR immunization				
Tetanus immunization (within the last 10 years)				
Immunization	Date of 1 st	Date of 2 nd (if completed)	Date of 3 rd (if completed)	Date of Titer (if completed)
Hepatitis B immunizations				

***Full Hepatitis vaccine series and titer must be completed before treating patients in Spring Term.

I understand that I will be required to submit proof of immunizations prior to final acceptance into the dental hygiene program.

Name (please print full name)

Signature of Applicant

Date

APPLICANT UNDERSTANDING FORM (write initials by each item & sign)

Prerequisite Course Completion

_____ I have read and understand that if accepted into the dental hygiene program, my final admission is contingent upon completing any remaining prerequisite courses by the end of summer term with a grade of "C" or better. DH/DHE100 must be completed by spring term.

Background Check, Drug Test & Immunizations

_____ I understand that if accepted into the dental hygiene program, I will be required to submit to a background check; drug test and proof of immunizations prior to final acceptance into the dental hygiene program. Submission of this information is at a cost of approximately \$115.

Bloodborne Pathogen Exposure and Control Plan/ Responsibility of Fees

_____ If accepted into the dental hygiene program, I understand that in the course of performing dental hygiene services, I may encounter exposure to bloodborne pathogens. I have read and understand the bloodborne pathogen policy and will comply with all procedures contained therein.

_____ I understand I am required to obtain my own health insurance/medical coverage and maintain it throughout the course of my education at Oregon Tech.

_____ I understand that I am responsible for any medical expenses related to exposures.

Provision and Receipt of Dental Hygiene Services

_____ I have read the description for each diagnostic, therapeutic, and non-therapeutic service. I understand the purpose of my receiving such care is primarily to provide clinical encounters necessary for skill development of the clinician and secondarily to provide an educational benefit to the student patient. This includes receiving injections as part of the local anesthesia curriculum, which is required for graduation and licensure. I further understand the inherent risks and benefits of each procedure.

_____ I also understand it will be necessary for me to provide a current health history to the student and faculty directly involved in the provision of these services. The decision to provide services will be based upon my health history information and will be kept confidential.

_____ I understand all of the above and agree to the mandatory treatment requirements.

Essential Functions

In order to be admitted to or continue in the dental hygiene program, a student must possess skills and abilities essential to perform as a dental hygienist.

_____ I have read and understand the statement of Essential Functions. By signing this form, I am stating that I believe I have the ability to perform the skills and have the abilities essential to perform as a dental hygienist.

Dental Hygiene Program Orientation

_____ I understand that if accepted into the dental hygiene program, I will be required to attend the program orientation, which might take place during the week and/or weekend prior to the first day of class in the fall term. I will be notified of the exact program orientation dates during summer term.

American Dental Hygienists' Association (ADHA)

_____ I understand that if accepted into the dental hygiene program, I have an obligation to support my profession. Professional support includes membership in ADHA. The first year membership fee is approximately \$65.00 and \$130.00 for the remaining two years of the program.

Name (print or type) **and Signature** of Applicant

Date

BACHELOR OF SCIENCE IN DENTAL HYGIENE INFORMATION
(Klamath Falls and Salem campuses)

For general program information, please see the links below.

[Oregon Tech Office of Admissions](#)

[Oregon Tech general education requirements](#)

[Oregon Tech Registrar's transfer equivalencies](#)

[Oregon Tech Dental Hygiene Department webpage](#)

If you need further assistance, please contact:

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