**Dental Hygiene**

**DHYG 101**  
**Oral Radiology I Lab • 1.0 Credit**  
Formerly DHYG 1121  
First in a series of oral radiology labs. Application of protection, film placement, and proper exposure and developing techniques are introduced. Identification of oral structures present in radiographs is introduced. Prerequisite: acceptance and enrollment in the CBC Dental Hygiene program. Required concurrent enrollment in DHYG 112.

**DHYG 102**  
**Clinical Dental Hygiene Techniques I Lab • 3.0 Credits**  
Formerly DHYG 1131  
Introduces basic skills used in the practice of dental hygiene, including infection control, patient assessment, and treatment. Skills are practiced in a pre-clinical setting on dental models and student partners. Prerequisite: acceptance and enrollment in the CBC Dental Hygiene program. Required concurrent enrollment in DHYG 113.

**DHYG 103**  
**Dental Materials Lab • 1.0 Credit**  
Formerly DHYG 1151  
First in a series of lab courses of restorative dentistry skills as practiced by a dental hygienist in the state of Washington. Provides laboratory experience in performing common dental laboratory procedures and prepares for the clinical practice of expanded functions. Prerequisite: concurrent enrollment in DHYG 115. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

**DHYG 104**  
**Oral Radiology II Lab • 1.0 Credit**  
Formerly DHYG 1221  
Practices oral radiology skill on dental manikin and student partner in a clinical setting. Application of knowledge, radiographic technique, and evaluation of films for diagnostic effectiveness is the focus. Prerequisite: concurrent enrollment in DHYG 122. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

**DHYG 105**  
**Clinical Dental Hygiene Techniques II Lab • 4.0 Credits**  
Formerly DHYG 1231  
Second in a series on clinical practice of dental hygiene. Basic skills of dental hygiene practice, including patient assessment, instrumentation, and treatment are introduced and practiced on manikins, student partners, and clients in a clinical setting. Prerequisite: concurrent enrollment in DHYG 123. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

**DHYG 106**  
**Restorative Dentistry I Lab • 1.0 Credit**  
Formerly DHYG 1251  
Second in a series of courses in restorative dentistry. Provides laboratory experience in performing the clinical practice of expanded functions including amalgam manipulation and placement techniques. Prerequisite: concurrent enrollment in DHYG 125. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

**DHYG 107**  
**Pain Control in Dentistry Lab • 2.0 Credits**  
Formerly DHYG 1261  
Includes effective techniques in the delivery of anesthetic to the oral cavity and appropriate selection of anesthetic and the safe and effective delivery of Nitrous oxide sedation as part of the expanded functions for dental hygienists in the state of Washington. Skills are practiced on student partners. Prerequisite: concurrent enrollment in DHYG 126. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

**DHYG 108**  
**Clinical Dental Hygiene Techniques III Lab • 4.0 Credits**  
Formerly DHYG 1341  
Third in a series on clinical practice of dental hygiene. Basic skills of dental hygiene practice, including client assessment, instrumentation, and treatment are practiced on clients in a clinical setting. Expands on the procedures and techniques introduced in previous clinical courses. Prerequisite: concurrent enrollment in DHYG 134. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

**DHYG 109**  
**Restorative Dentistry II Lab • 2.0 Credits**  
Formerly DHYG 1351  
Third in a series of courses dealing with restorative dentistry skills. Preclinical laboratory exercises in the expanded functions of the placement and finishing of amalgam and composite restoration on model teeth. Includes application of knowledge of dental materials, tooth anatomy, and clinical skills. Prerequisite: concurrent enrollment in DHYG 135. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

**DHYG 110**  
**Dental Anatomy • 1.0 Credit**  
This course is an introduction to the anatomy of crown and root structures of the teeth. Builds on basic sciences, prepares for the study of additional dental sciences, and how these structures relate to the clinical practice of dental hygiene. Prerequisite: enrollment in the CBC Dental Hygiene program.

**DHYG 111**  
**Histology/Embryology • 2.0 Credits**  
This course is an introduction to the embryology and histology of the head and neck region. Builds on basic sciences, prepares for the study of additional dental sciences, and how these structures relate to the clinical practice of dental hygiene. Prerequisite: enrollment in the CBC Dental Hygiene program.
DHYG 112
Oral Radiology I • 1.0 Credit

DHYG 113
Clinical Dental Hygiene Techniques I • 2.0 Credits
Introduces basic principles used in the practice of dental hygiene, including infection control, patient assessment, and treatment. Prerequisite: acceptance and enrollment in the CBC Dental Hygiene program. Required concurrent enrollment in DHYG 102.

DHYG 114
Dental Health Education • 1.0 Credit
This course covers the principles and practices of prevention and control of dental disease with emphasis on biofilm control, motivation, and personal and patient oral hygiene education and techniques. Prerequisite: acceptance and enrollment in the CBC Dental Hygiene program.

DHYG 115
Dental Materials • 1.0 Credit
First in a series of courses in restorative dentistry. Presents the history, composition, chemical and physical properties, and use of materials commonly utilized in the dental laboratory and dental operatory. Prerequisite: concurrent enrollment in DHYG 103. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 116
Head and Neck Anatomy • 2.0 Credits
Study of the head and neck regions, and oral anatomy. Identification of nerves, bones, and muscles associated with the head, neck, and oral regions. Prerequisite: acceptance and enrollment in the CBC Dental Hygiene program.

DHYG 120
Medical Emergencies in Dentistry • 2.0 Credits
This course is the study of commonly encountered medical emergencies in the oral setting that may involve systemic diseases and the etiology, presentation, treatment, and effect of oral treatment on patients who may present with these diseases and other medical conditions. The associated emergency procedures required to treat medical emergencies in the oral setting are covered as well as Cardiopulmonary Resuscitation, the use of an AED, and first aid and safety training to meet the standards required for Health Sciences Division students. Prerequisite: current enrollment in the CBC Dental Hygiene program.

DHYG 121
General Pathology • 2.0 Credits
This course focuses on the study of commonly encountered systemic diseases: etiology, presentation, treatment, and effect on dental treatment. Emphasizes the principles of inflammation, immunology, healing, and repair. Prerequisite: acceptance and enrollment in the CBC Dental Hygiene program.

DHYG 122
Oral Radiology II • 1.0 Credit
Second in a series of oral radiology. Focuses on radiographic quality, techniques, film processing, mounting, and interpretation of errors. Prerequisite: concurrent enrollment in DHYG 104. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 123
Clinical Dental Hygiene Techniques II • 2.0 Credits
Second in a series of clinical dental hygiene techniques. Focuses on dental hygiene treatment planning, effective communication, preventative client education, and skill development in clinical practice. Prerequisite: concurrent enrollment in DHYG 105. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 124
Restorative Dentistry I • 1.0 Credit
Second in a series of courses in restorative dentistry. Presents the composition and chemical and physical properties of amalgam and its use as a dental restorative material. Amalgam safety and appropriate handling and placement of this material is practiced on typodonts in a controlled laboratory setting. Prerequisite: concurrent enrollment in DHYG 106. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 125
Pain Control in Dentistry • 2.0 Credits
Covers the pharmacology and physiology of both local anesthetic agents and nitrous oxide sedation. Application of knowledge of the anatomy of nerves, physiology of nerve conduction, and the transmission of pain impulse and the use of local anesthetics and Nitrous Oxide for pain control in the delivery of dental procedures. Discussion and application of knowledge, prevention, and management of associated possible emergencies is included. Practice of local anesthetics and administration of Nitrous Oxide sedation is practiced on student partners. Prerequisite: concurrent enrollment in DHYG 107. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 126
Pharmacology • 2.0 Credits
Focuses on pharmacology as it affects the clinical practice of dentistry. Emphasizes drugs commonly used in medicine that affect dental treatment. Also emphasizes drugs of choice for treatment of common systemic and oral diseases, and for emergency treatment; effects, administration, biotransformation and toxicology. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.
Dental Hygiene

DHYG 131
Oral Pathology • 2.0 Credits
Oral pathology for the dental hygienist. Focuses on the study of commonly encountered oral diseases; etiology, presentation, recognition, treatment, effect on dental treatment, and documentation for collaborative diagnosis and referral. Prerequisite: due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 132
Periodontics I • 2.0 Credits
First in a series on periodontology. Focuses on the study of the healthy periodontal tissues, and the factors, recognition, and classes of periodontal disease and the oral-systemic link of periodontitis and diabetes, heart disease, pregnancy, and other medical conditions. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 134
Clinical Dental Hygiene Techniques III • 2.0 Credits
Third in a series of courses in dental hygiene techniques. Focuses on expanding the development of clinical dental hygiene skills. Prerequisite: concurrent enrollment in DHYG 108. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 135
Restorative Dentistry II • 1.0 Credit
Third in a series of courses dealing with restorative dentistry skills. Includes application of dental materials, amalgam restoration, and composite restoration materials. Prerequisite: concurrent enrollment in DHYG 109. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 136
Patient Management • 2.0 Credits
This course focuses on the characteristics of individual patients, motivation, and interpersonal communication. Students are exposed to diverse cultures and their attitudes and approaches to medical and dental care. Additionally, treatment modifications for the young, geriatric, medically or mentally compromised patient, and those with transitional special needs are presented. Prerequisite: current enrollment in the CBC Dental Hygiene program. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 137
Clinical Dental Hygiene Techniques IV • 1.0 Credit
Fourth in a series of clinical dental hygiene technique courses. Provides an expanded learning experience with application of knowledge of oral findings and associated clinical application. Prerequisite: concurrent enrollment in DHYG 147. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 138
Clinical Dental Hygiene Techniques IV Lab • 5.0 Credits
Formerly DHYG 144
Fourth in a series of clinical dental hygiene technique lab courses. Focuses on expanding dental instrumentation skills and patient care in the clinical setting. Prerequisite: concurrent enrollment in DHYG 144. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 199
Special Studies • 1.0–12.0 Credits
A class used to explore new coursework.

DHYG 211
Nutrition in Dentistry • 1.0 Credit
The information in this class recalls and reviews the basic principles of nutrition and develops an understanding of their relationship to oral health. Emphasis is placed on the assessment of patient nutritional status and chairside nutritional counseling for optimal oral health. The class builds on basic sciences and dental sciences and prepares for the clinical practice of dental hygiene. Prerequisite: successful completion of the first year of the CBC Dental Hygiene program and current enrollment in the second year of the program.

DHYG 212
Advanced Clinical Topics • 1.0 Credit
Topics such as the use of lasers, advanced instrumentation techniques, endoscopy use in dentistry, the use of digital radiography, and new technologies in dentistry are included in this course. Alternative practice settings and additional educational pursuits and career tracking are included. Prepares for clinical dental hygiene practice application and expanded work venues. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 213
Clinical Dental Hygiene Techniques V • 1.0 Credit
Fifth in a series of clinical dental hygiene technique courses. Provides an expanded learning experience through discussion case presentation, and study of clinical cases. Prerequisite: concurrent enrollment in DHYG 216. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 214
Ethics and Jurisprudence, Practice Management • 2.0 Credits
Explores the fundamental factors necessary to practice within the ethical and legal framework of the American Dental Hygiene Association Code of Ethics and the Washington State Dental and Dental Hygiene Practice Acts. Focuses on the history of the dental profession, dental specialties, professional associations, practice management, career considerations, and stress management relating to dental hygiene practice. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 215
Clinical Dental Hygiene Techniques V Lab • 6.0 Credits
Formerly DHYG 2141
Fifth in a series of clinical dental hygiene technique lab courses. Focuses on expanding dental instrumentation skills and patient care in the clinical setting. Prerequisite: concurrent enrollment in DHYG 144. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 216
Clinical Dental Hygiene Techniques V Lab • 6.0 Credits
Formerly DHYG 2141
Dental Hygiene

Fifth in a series of clinical dental hygiene technique Lab courses. Provides progressive clinical experience, application of knowledge and skills; including restorative care for clinic patients. Prerequisite: concurrent enrollment in DHYG 214. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 217
Community Oral Health I Lab • 2.0 Credits
Formerly DHYG 2211
Supervised clinical practice of dental hygiene students in a variety of community health settings. Prerequisite: DHYG 221. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 218
Clinical Dental Hygiene Techniques VI Lab • 7.0 Credits
Formerly DHYG 2441
Sixth in a series on clinical practice in dental hygiene. Provides comprehensive clinical experience in all phases of dental hygiene practice for patient care. Expands on the procedures and techniques introduced in previous clinical courses; includes restorative care for clinical patients. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 219
Clinical Dental Hygiene Techniques VII Lab • 9.0 Credits
Formerly DHYG 2341
Seventh in a series of clinical dental hygiene lab courses. Provides an expanded learning experience of dental hygiene care through experience of dental hygiene care through performing prior learning of clinical dental hygiene techniques, and the clinical application of new concepts and skills including critical evaluation of dental hygiene care and restorative treatment. Prerequisite: current enrollment in DHYG 234.

DHYG 220
Restorative Dentistry III Lab • 2.0 Credits
Formerly DHYG 2461
Fourth in a series of courses dealing with restorative dentistry skills as practiced by a dental hygienist in the state of Washington. Laboratory exercises in the placement and finishing of amalgam and composite restorations on prepared model teeth.

DHYG 221
Community Oral Health I • 2.0 Credits
Examines the principles of community health, including: assessment indices planning, implementation, and evaluation of healthcare with an emphasis on oral health. Builds on knowledge of ethics, basic and dental sciences, and clinical dental hygiene practice. Provides the knowledge to function in a community oral health setting. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 222
Periodontics II • 2.0 Credits
Second in a series of courses in periodontology. Provides background knowledge of the advanced treatment of periodontal disease, including concepts concerning treatment planning and evaluation of treatment options and outcomes. Intra-oral digital photography and the development of a periodontal case presentation are included. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 224
Clinical Dental Hygiene Techniques VI • 1.0 Credit
Sixth in a series of clinical dental hygiene technique courses. Provides a learning experience for periodontally involved patients and the dental hygiene diagnosis and process of care. Case studies and advanced instrumentation techniques are taught as well as clinical application of new skills and concepts for more difficult AAP patients. Restorative care is added to the clinical portion of the class that is supported by this lecture class. Discussion of restorative care for patients is also included. Prerequisite: current enrollment in the CBC Dental Hygiene program and successful completion of DHYG 214 and DHYG 216.

DHYG 234
Clinical Dental Hygiene Techniques VII • 1.0 Credit
Seventh in a series of clinical dental hygiene courses. Provides an expanded learning experience through discussion and exploration of clinical technique practices. Prerequisite: concurrent enrollment in DHYG 219. Due to the nature of the program curriculum, each quarter builds on the knowledge and skills gained in previous quarters. Continuing enrollment is contingent upon successful completion of quarterly Dental Hygiene program courses.

DHYG 236
Restorative Dentistry III • 1.0 Credit
Fourth in a series of courses dealing with restorative dentistry skills as practiced by a dental hygienist in the state of Washington. Focuses on Class II amalgam and composite restorations and cusp build-ups. Based on dental sciences and previous laboratory courses in dental materials. Prerequisite: enrollment in the CBC Dental Hygiene program and completion of DHYG 135.

DHYG 299
Special Studies • 1.0–12.0 Credits
A class used to explore new coursework.

DHYG 301
Dental Anatomy • 1.0 Credit
Formerly DHYG 110
An introduction to the anatomy of crown and root structures of the teeth. Builds on basic sciences and prepares for the study of additional dental sciences of Restorative I, II, and III, as well as tooth identification of dentition in patients. Prerequisite: enrollment in the CBC Dental Hygiene program.

DHYG 302
Histology/Embryology • 2.0 Credits
Formerly DHYG 111
An introduction to the embryology and histology of the head and neck region. Builds on basic sciences and prepares for the additional study of dental sciences as they relate to the clinical practice of dental hygiene. Prerequisite: enrollment in the CBC Dental Hygiene program.

DHYG 303
Oral Radiology I • 1.0 Credit
Formerly DHYG 112
Dental Hygiene

First in a two-quarter series course of oral radiology. Focuses on radiation physics, biology, and protection of the patient when radiographs are taken, recognition of anatomical landmark, evidence of pathology, and abnormalities. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 304.

**DHYG 304**  
Oral Radiology I Lab • 1.0 Credit  
Formerly DHYG 101  
First in a two-quarter series course of oral radiology labs. Application of patient protection, radiographic film placement, and proper exposure and developing techniques. Identification of oral structures identifiable in exposed radiographs. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 303.

**DHYG 305**  
Clinical Dental Hygiene Techniques I • 2.0 Credits  
Formerly DHYG 113  
Introduction of the basic principles used in the practice of dental hygiene. Includes infection control standards (OSHA), universal precautions, patient assessment, and treatment standards. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 306.

**DHYG 306**  
Clinical Dental Hygiene Techniques I Lab • 3.0 Credits  
Formerly DHYG 102  
The clinical practice of basic skills of infection control, patient assessment, and treatment in the clinical setting, and pre-clinical setting on dental typodont models progressing to student partners. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 305.

**DHYG 307**  
Dental Health Education • 1.0 Credit  
Formerly DHYG 114  
The principles and practices of prevention and control of dental disease is covered with emphasis on biofilm control, cardiology, motivation of the patient, and personal and patient oral hygiene education and techniques. **Prerequisite:** enrollment in the CBC Dental Hygiene program.

**DHYG 308**  
Dental Materials • 1.0 Credit  
Formerly DHYG 115  
The first course in the restorative series; presents history, composition, chemical and physical properties, and use of materials commonly used in the dental laboratory and dental operatory. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 309.

**DHYG 309**  
Dental Materials Lab • 1.0 Credit  
Formerly DHYG 103  
The first in the restorative lab series; provides experiences in common dental procedures and prepares students for the practice of expanded functions as allowed by the state of Washington. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 308.

**DHYG 310**  
Head and Neck Anatomy • 2.0 Credits  
Formerly DHYG 116  
The study of the head and neck regions, identification of nerves, bones of the skull, and muscles associated with the head and neck region; oral anatomy and oral regions structure and function; dysfunction in swallowing and nasal pathways; and origins of sleep apnea and its resulting impact on systemic health. **Prerequisite:** enrollment in the CBC Dental Hygiene program.

**DHYG 311**  
Medical Emergencies in Dentistry • 2.0 Credits  
Formerly DHYG 120  
Commonly encountered medical emergencies that may occur in the dental setting; presenting signs and symptoms of systemic reactions; recommended treatment protocols and emergency procedures are covered. **Prerequisite:** enrollment in the CBC Dental Hygiene program.

**DHYG 312**  
General Pathology • 2.0 Credits  
Formerly DHYG 121  
The study of systemic diseases and their etiology; presentation of signs and symptoms of disease manifestation; inflammatory process, immune response and healing; current recommended treatments; morbidity, mortality, and the impact of oral inflammation and disease on systemic health. **Prerequisite:** enrollment in the CBC Dental Hygiene program.

**DHYG 313**  
Oral Radiology II • 1.0 Credit  
Formerly DHYG 122  
The second in a series of the study of oral radiology; focuses on radiographic quality, techniques, film processing, mounting, and interpretation of errors, including pathology and cariogenic lesions. Includes both traditional and digital techniques of exposure and processing. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 314.

**DHYG 314**  
Oral Radiology II Lab • 1.0 Credit  
Formerly DHYG 104  
The second in a series of oral radiology lab which includes practice of oral radiographic skill and technique on a dental manikin and student partner in a clinical setting. Application of knowledge from DHYG 304 radiographic technique and evaluation of films diagnostic quality and effectiveness. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 313.

**DHYG 315**  
Clinical Dental Hygiene Techniques II • 2.0 Credits  
Formerly DHYG 123  
Second in a series of clinical dental hygiene techniques; focus is on dental hygiene treatment planning, effective communication with patients, preventive dental patient education, and skill development in clinical skills. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 316.

**DHYG 316**  
Clinical Dental Hygiene Techniques II Lab • 4.0 Credits  
Formerly DHYG 105  
Second in a series of clinical practice of dental hygiene; skill development in patient assessment, instrumentation and treatment are introduced and practiced on a dental typodont, student partners, and patients in a clinical setting. **Prerequisite:** enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 315.
Dental Hygiene

DHYG 318
Restorative Dentistry I • 1.0 Credit
Formerly DHYG 125
Second in a series of courses in restorative dentistry; focus on composition and physical properties of amalgam and its use as a dental restorative material; amalgam safety and handling is taught to protect student clinicians. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 319.

DHYG 319
Restorative Dentistry I Lab • 1.0 Credit
Formerly DHYG 106
Second in a series of laboratory courses in restorative dentistry. Laboratory experience in the safe placement and handling and manipulation of amalgam restorative materials to complete Class I restorations. Materials are used in typodonts to restore prepared typodont teeth to simulate original anatomy of the tooth. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 318.

DHYG 320
Pain Control in Dentistry • 2.0 Credits
Formerly DHYG 126
This course includes the pharmacology and physiology of both local anesthetic agents and nitrous oxide sedation. Application of the knowledge of the nerves of the head, the physiology of nerve conduction, and the transmission of pain impulse are studied as well as the transient blockage of nerve transmission with local anesthetics. Knowledge of prevention and management of dental emergencies is included as well as the decision making of the selection of the appropriate injection to be given and the type of local anesthetic to be used. The use of Nitrous Oxide delivery and its application as an analgesic is also included. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 321.

DHYG 321
Pain Control in Dentistry Lab • 2.0 Credits
Formerly DHYG 107
Effective techniques in the delivery of nerve block and infiltration injections in the oral cavity is covered as well as the safe and effective delivery of Nitrous Oxide sedation - all injections and the delivery of Nitrous Oxide are completed on student partners. These skills are part of the expanded duties allowed for dental hygienists in the state of Washington and are practiced in accordance with the Washington Regional Examining Board standards. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 320.

DHYG 322
Pharmacology • 2.0 Credits
Formerly DHYG 127
The study of pharmacology as it affects the clinical practice of dentistry; emphasis is on drugs commonly used to treat medical conditions and their impact on dental treatment; systemic and oral diseases are covered as well as the drugs of choice for these conditions; effects, administration, biotransformation, and toxicology as potential for emergency reactions, idiopathic reactions, and emergency treatment protocols. Prerequisite: enrollment in the CBC Dental Hygiene program.

DHYG 323
Oral Pathology • 2.0 Credits
Formerly DHYG 131
The study of commonly encountered oral diseases including their etiology, presentation, recognition, treatment chosen, their impact on dental treatment, and the need for referral for further evaluation. Extensive and correct documentation is stressed as well as collaboration with a dentist for definitive diagnosis. Prerequisite: enrollment in the CBC Dental Hygiene program.

DHYG 324
Periodontics I • 2.0 Credits
Formerly DHYG 132
The first of a two-quarter series on the health and disease states of the dental periodontal tissues; components of the gingival and periodontal structures and the contributing factors that cause gingivitis and periodontitis; the oral-systemic link and systemic disease states such as cardiovascular disease, diabetes, pregnancy, etc. that are linked to the presence of periodontal pathogens. Prerequisite: enrollment in the CBC Dental Hygiene program.

DHYG 325
Clinical Dental Hygiene Techniques III • 2.0 Credits
Formerly DHYG 134
Third in a series of courses designed to teach dental hygiene techniques and the expanded development of clinical dental hygiene skills. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 326.

DHYG 326
Clinical Dental Hygiene Techniques III Lab • 4.0 Credits
Formerly DHYG 108
Third in a series on clinical practice of dental hygiene; basic skills of dental hygiene practice including patient assessment, instrumentation and treatment expanding on procedures and techniques introduced in previous clinical courses. First introduction to work on patients and continued development of procedures and techniques introduced in previous clinical courses. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 325.

DHYG 327
Restorative Dentistry II • 1.0 Credit
Formerly DHYG 135
Third in a series of restorative dentistry lecture on skill development including dental preparation design; isolation technique, application of dental materials, amalgam restorations, and composite materials to replace Class I, II, and III prepared restorations in typodont teeth. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 328.

DHYG 328
Restorative Dentistry II Lab • 2.0 Credits
Formerly DHYG 109
Third in a series of laboratory courses teaching preclinical principles of the placement and finishing of Class I, II, and III prepared typodont teeth using amalgam and composite materials to duplicate the missing anatomy in prepared teeth; includes application of dental anatomy, dental materials, and clinical skill development. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 327.

DHYG 329
Patient Management • 2.0 Credits
Formerly DHYG 136
Lecture and student participation in study of characteristics of individual patients, motivation, and interpersonal communication; exposure to diverse cultures and their attitudes and approaches to medical and dental care; modification of treatment planning for the young, geriatric, medically, or mentally compromised patient and patients who exhibit...
special needs. **Prerequisite: enrollment in the CBC Dental Hygiene program.**

**DHYG 330**  
**Clinical Dental Hygiene Techniques IV • 1.0 Credit**  
Formerly DHYG 144  
Fourth in a series of lectures providing expanded learning and application of knowledge of oral findings and associated clinical application; progressive dental hygiene techniques for the periodontally involved patient including use of ultrasonic scaler, advanced instrumentation techniques for root surfaces, and treatment of the pregnant patient through menopause, the elderly patient, patients with dental prostheses, and edentulous patients. Enrollment in the CBC DHYG program is required. **Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 331.**

**DHYG 331**  
**Clinical Dental Hygiene Techniques IV Lab • 5.0 Credits**  
Formerly DHYG 147  
Fourth in a series of dental hygiene technique lab courses; provides expanded learning experience of dental hygiene techniques through performing clinical dental hygiene care for a variety of patients, and the clinical application of learned skills; critical evaluation of dental hygiene treatment needs and the delivery of care on patients. **Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 330.**

**DHYG 401**  
**Restorative Dentistry III • 1.0 Credit**  
Formerly DHYG 246  
Fourth in a series of restorative dentistry skills as allowed to be practiced by dental hygienists in WA state; Class II and Class III Amalgam and Composite restorations and cusp build-up restorations and restoring anterior teeth. **Prerequisite: enrollment in the CBC Dental Hygiene program and completion of DHYG 327.**

**DHYG 402**  
**Restorative Dentistry III Lab • 2.0 Credits**  
Formerly DHYG 220  
Fourth in a series of restorative labs with focus on the placement and finishing of Class II and III Amalgam and Composite restorations and cusp build-ups and restoring anterior teeth; practice is continued on typodont teeth, restorations on patients in a clinical setting. **Prerequisite: enrollment in the CBC Dental Hygiene program.**

**DHYG 403**  
**Community Oral Health Research I • 2.0 Credits**  
Study and evaluation of strategies to improve oral health for varying age groups; functioning as an oral health advocate in a community setting. **Prerequisite: enrollment in the CBC Dental Hygiene program.**

**DHYG 404**  
**Nutrition in Dentistry • 1.0 Credit**  
Formerly DHYG 211  
An initial recall and review of principles of nutrition with enhanced information on nutrition’s relationship to oral health; emphasis is placed on assessment of a patient’s nutritional knowledge and eating habits and the impact that these have on their oral health/disease. **Prerequisite: enrollment in the CBC Dental Hygiene program.**

**DHYG 405**  
**Advanced Clinical Topics • 1.0 Credit**  
Formerly DHYG 212  
Topics presented include use of lasers, advanced instrumentation techniques, endoscopy use in dentistry, use of ultraviolet light for the detection of oral lesions, etc. Alternative practice settings and additional educational pursuits and career tracking; expanded work venues, work in public health settings and the military are explored. **Prerequisite: enrollment in the CBC Dental Hygiene program.**

**DHYG 406**  
**Clinical Dental Hygiene Techniques V • 1.0 Credit**  
Formerly DHYG 214  
Fifth in a series of clinical dental hygiene technique courses; providing expanded learning experience of case presentations and study of clinical cases, advanced clinical techniques of Local Anesthesia (AMSA, Gow-Gates, The Wand, Interseptal anesthesia), etc. **Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 407.**

**DHYG 407**  
**Clinical Dental Hygiene Techniques V Lab • 6.0 Credits**  
Formerly DHYG 216  
Fifth in the series of dental hygiene practice lab; progressive clinical experience in patient assessment, dental hygiene treatment planning, and clinical work on patients; continued development of clinical skills and knowledge, including restorative care on patients. **Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 406.**

**DHYG 408**  
**Ethics and Jurisprudence, Practice Management • 2.0 Credits**  
Formerly DHYG 215  
Study of the ethical framework of the ADHA Code of Ethics, the Washington Dental Hygiene Practice Act; ethical problem solving and ethical decision making; history of the profession, jurisprudence, and working within the legal boundaries of the law for the profession of dental hygiene; practice management styles, insurance coding, team participation, and leadership. **Prerequisite: enrollment in the CBC Dental Hygiene program.**

**DHYG 409**  
**Community Oral Health Research II • 2.0 Credits**  
Use of public health concepts and their impact on community health research; design elements included in research; selection of research topic, and exploration of community partners to include in the pursuit of a research project; development of a research project to be field tested, evaluated, and presented to stake holders during spring quarter. **Prerequisite: enrollment in the CBC Dental Hygiene program and DHYG 403 with a 2.0 or better.**

**DHYG 410**  
**Periodontics II • 2.0 Credits**  
Formerly DHYG 222  
Second in a series of courses in the study of periodontology; background knowledge of advanced treatment of periodontal disease including assessment, diagnosis, treatment planning, evaluation of outcomes and further maintenance or retreatment needs included; use of intra oral digital photography on a selected periodontal patient for development of a case presentation; determination of referral for out of scope treatment needs; oral home care evaluation and patient compliance; exacerbating medical or systemic factors for disease progression. **Prerequisite: enrollment in the CBC Dental Hygiene program.**
Dental Hygiene

DHYG 411
Clinical Dental Hygiene Techniques VI • 1.0 Credit
Formerly DHYG 224
Sixth in a series of clinical dental hygiene technique courses; clinical experiences involving periodontally involved patients and assessment and evaluation of continued care needs and intervals for maintenance; discussion and determination of restorative needs and care. Prerequisite: enrollment in the CBC Dental Hygiene program and completion of DHYG 406 and 407.

DHYG 412
Clinical Dental Hygiene Techniques VI Lab • 7.0 Credits
Formerly DHYG 218
Sixth in a series of clinical practice in dental hygiene providing comprehensive clinical experience in all phases of dental hygiene process of care for patient care; clinical work expands on the procedures and techniques introduced in prior clinical courses including placement of restorations on patients. Prerequisite: enrollment in the CBC Dental Hygiene program.

DHYG 413
Clinical Dental Hygiene Techniques VII • 1.0 Credit
Formerly DHYG 234
Seventh in a series of clinical dental hygiene technique courses; expanded learning through discussion and exploration of clinical practice in a variety of settings; discussion and practice of accelerated scheduling of patients (Private Practice Days); work expectations in community based clinics, public health clinics, private dental practices, specialty practices, etc. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 414.

DHYG 414
Clinical Dental Hygiene Techniques VII Lab • 9.0 Credits
Formerly DHYG 219
Seventh in a series of clinical practice in dental hygiene providing comprehensive dental hygiene services in a clinical setting; completing dental hygiene process of care and the implementation of patient care for a variety of patients; practice of implementing accelerated hygiene with the use of an assistant as well as working independently; placement of restorations on patients. Prerequisite: enrollment in the CBC Dental Hygiene program and concurrent enrollment in DHYG 414.

DHYG 415
Community Oral Health Practicum • 2.0 Credits
This course is the final segment (capstone) in the series that implements and evaluates an oral health program/project designed to improve the well-being of citizens and provide access to care to underserved populations. Students will present oral health program outcomes to stakeholders and the community in an effort to develop evidence-based research. This course takes place outside of the classroom in an experiential learning format. Prerequisite: enrollment in the CBC Dental Hygiene program and DHYG 409 with a 2.0 or better.

DHYG 416
Educational Theory and Methodology • 2.0 Credits
Understanding and implementing pre-assessment strategies to determine participants knowledge levels; the creation of an overview and objectives to provide learners with a context for learning; giving targeted feedback and performance evaluation to enhance continual learning goals; and selecting among direct instruction, inquiry-based learning and cooperative learning depending on the chosen outcomes. Prerequisite: enrollment in the CBC Dental Hygiene program.