**FIRST YEAR DH FALL SEMESTER 2014-2015**

**CURRICULUM REVIEW**

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| WEEK | PRECLINIC THEORY  DHYG-1431 | PRECLINIC LAB  DHYG-1431 | OROFACIAL ANATOMY, HISTOLOGY & EMBRYOLOGY  DHYG-1301 | OROFACIAL ANATOMY, HISTOLOGY & EMBRYOLOGY LAB  DHYG-1301 | DENTAL MATERIALS  THEORY  DHYG-1319 | DENTAL MATERIALS  LAB  DHYG-1319 | GENERAL & DENTAL NUTRITION  DHYG-1207 |
|  | Orientation to the DH Program | Review Syllabus& Professional DH  Infection Control& Clinical Procedures | Review Syllabus & Introductions | Head and Neck Anatomy, Surface Anatomy  Face and Neck Regions, Oral Cavity& Pharynx | Review Syllabus,  Introduction | Eaglesoft & Casey  Overview of Dentistry DVD & handout | Review of Syllabus & Healthy Eating Habits |
|  | **Labor Day Holiday** | Clinical Asepsis: Handwashing, Disinfection of Equipment | Labor Day Holiday | Dentitions: Permanent Anterior Teeth (Max & Mand, Central & Lateral Incisors). Quiz #1 | Materials Science & Dentistry, Test  Physical & Mechanical Properties. Quiz | Rubber Dam Application & Removal | Labor Day Holiday |
|  | **Examination I** | Positioning  Clock Positions  Instrument Sterilization | Prenatal Development | Development of the Face and Neck, Permanent Anterior Teeth (Max. & Mand. Canines) | Adhesive Materials  Direct Polymeric Restorative Materials,  Quiz | Pit and Fissure Sealants/  Diagnodent  Intro to prophy jet | Alimentary Canal: Digestion & Absorption Carbohydrates |
|  | Patient Reception Ergonomic Practice  The Health History | Vital Signs & Appointment-making process  Medical History | Development of Orofacial Structures | Tooth Development & Eruption  Review all Anterior Teeth. Quiz #2 | Amalgam and Direct Gold Foil  Quiz | Amalgam Finishing & Polishing  Lab competency | Protein: The Cellular Foundation, Lipids: The Condensed Energy |
|  | Vital Signs  Pharmacologic History | ***EO/IO***  **TESTING:** Clock Positions, Vital Signs, EO/IO Exam | Examination I | Cell & Basic Tissues, Quiz #3: Library Training | Dental Cements  Impression Materials  Quiz | Mixing Liners Bases and Cements  Alginate Impressions | Use of Energy Nutrients: Metabolism and Balance, Exam I |
|  | **Examination II** | Instrument Grasp & Mirror and Finger Rests | Oral Mucosa | Gingival and Dentogingival Junctional Tissues, Permanent Posterior Teeth (Maxillary Premolars), Quiz #4 | Gypsum  Materials for Fixed Indirect Restorations  Materials for Fixed Indirect Restorations, Quiz | Impressions & Pouring models  Fabrication &Trimming of Study Models | Vitamins & Minerals Essential for Calcified Structures |
|  | Medical Emergencies  EO/IO | Probing  Explorers | Enamel | Dentin and Pulp, Permanent Posterior Teeth (Mandibular Premolars), Quiz #5 | Removable Prostheses and Acrylic Resins  Dental Implants,  Quiz | Mixing custom tray acrylic materials and waxes  Elastomeric Impressions | Nutrients& Vitamins Required for Oral Soft Tissues & Salivary Glands |
|  | Periodontal and Risk Assessment  Dentition Assessment | Lab Practice: Mirrors, Finger Rests, Fulcrums, Probing & Explorers  **TESTING:** Mirrors, Finger Rests, Fulcrums, Probing & Explorers | Periodontium: Cementum, Alveolar Bone, Periodontal Ligament | Maxillary and Mandibular Premolars, Quiz #6  Library Training | Specialty Materials  Clinical Detection & Management  of Restorative Materials During Scaling and Polishing, Quiz | Placing Periodontal Dressings  Removal of Perio Dressing & Sutures | Water and Minerals Required for Oral Soft Tissues and Salivary Glands |
|  | **Examination III** | Ultrasonic | Examination II | Skeletal System, Permanent Posterior Teeth (Mandibular Molars) | Radiographic Appearance of Dental Tissues & Materials,  Polishing Materials & Abrasion  Quiz | Debonding Ortho Resins  Instruments  Composite Finishing & Polishing  Instruments | Exam II |
|  | Dental Biofilm and other Soft Deposits  Calculus | **Ultrasonic Theresa Johnson** | Head & Neck Structures, Glandular Tissue | Muscular System, Permanent Posterior Teeth (Maxillary Molars) Quiz #7 | Oral Appliances  Quiz | Vital tooth Whitening & Alginates, Pour Models, & Trim on student partner  Making Bleaching trays, Fluoride trays,  Night-guards, Mouth-guards | Nutrition in Women, Nutritional Assessment & Counseling  Caries Control Counseling Project Assignment |
|  | Dental Stains and Discolorations  Hand-Activated Instrumentation | **I**nstrument Design & Classification, Movement, Adaptation & Instrumentation Strokes  Sickle Scalers | TMJ | Vascular System, Occlusion, Quiz #8 | Instruments in Dental Materials  Charting  Infection Control & Safety in the Dental Office  OSHA training video,  Quiz | Videos of various sharpening devices  Anesthesia Materials: Topical, subgingival, injectable | Nutrition During Growth & Development & Eating Habits Affecting Oral Health, Other Considerations Affecting Nutrient Intake |
|  | **Examination IV** | Sickle Scalers and Universal Curets  Area Specific Gracey Curets | Exam III | Nervous System Review of Maxillary and Mandibular Molars & Occlusion | Disinfection of Impressions &  Appliances and Materials  General Rules for Handling Dental Materials  Quiz | Temporary Crowns, Temporary Fillings,  Place IRM as temp on typodonts  Tips for the New Hygienist | Nutrition for Older Adults & Eating Habits Affecting Oral Health |
|  | Ultrasonic Instrumentation  Extrinsic Stain Removal | Universal Curets & Area Specific Gracey Curets  **TESTING:** All Sickle Scalers, Universal Curets, and Area Specific Gracey Curets | Anatomy of Local Anesthesia | Lymphatic System, Primary Dentition, Quiz #8 | Case Studies | Charting | Exam III, Effects of Systemic Disease on Nutritional Status and Oral Health, Caries: Causes, Prevention, and Treatment |
|  | Tooth brushing  Mechanical Oral Biofilm Control: Interdental and Self-Care Devices | Dental Charting & Computer Dental Charting Exercises; Practice on lab partner | Exam IV | Thanksgiving Holiday | Case Studies | Quiz over case studies | Nutritional Aspects of Gingivitis and Periodontal Disease, Alterations in the Oral Cavity |
|  | Planning for Dental Hygiene Care; Include Introduction  The Dental Hygiene Care Plan | Polishing Fluoride Treatments Tray & Varnish  Practice on lab Practice all skills on a partner | Fascia and Spaces, Spread of Dental Infection | Dental Anatomy Unit Examination | Review | Sealant Competency  Intra Oral Photo Competency  Place IRM Competency | Exam IV,  Dental Cares: Eating Disorders |
|  | Final Exam | Practical Final Exam | Final Exam | Final Exam |  | Final Exam | Final Exam |

**FIRST YEAR DH FALL SEMESTER 2014-2015**

**After Curriculum Review 10-9-15, these changes are recommended:**

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| WEEK | PRECLINIC THEORY  DHYG-1431 | PRECLINIC LAB  DHYG-1431 | OROFACIAL ANATOMY, HISTOLOGY & EMBRYOLOGY  DHYG-1301 | OROFACIAL ANATOMY, HISTOLOGY & EMBRYOLOGY LAB  DHYG-1301 | DENTAL MATERIALS  THEORY  DHYG-1319 | DENTAL MATERIALS  LAB  DHYG-1319 | GENERAL & DENTAL NUTRITION  DHYG-1207 |
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|  | **Examination I** | Positioning  Clock Positions  Instrument Sterilization | Prenatal Development | Development of the Face and Neck, Permanent Anterior Teeth (Max. & Mand. Canines) | Adhesive Materials  Direct Polymeric Restorative Materials,  Quiz | Pit and Fissure Sealants/  Diagnodent  Intro to prophy jet | Alimentary Canal: Digestion & Absorption Carbohydrates |
|  | Patient Reception Ergonomic Practice  The Health History | Vital Signs & Appointment-making process  Medical History | Development of Orofacial Structures | Tooth Development & Eruption  Review all Anterior Teeth. Quiz #2 | Amalgam and Direct Gold Foil  Quiz | Amalgam Finishing & Polishing  Lab competency | Protein: The Cellular Foundation, Lipids: The Condensed Energy |
|  | Vital Signs  Pharmacologic History | ***EO/IO***  **TESTING:** Clock Positions, Vital Signs, EO/IO Exam | Examination I | Cell & Basic Tissues, Quiz #3: Library Training | Dental Cements  Impression Materials  Quiz | Mixing Liners Bases and Cements  Alginate Impressions | Use of Energy Nutrients: Metabolism and Balance, Exam I |
|  | **Examination II** | Instrument Grasp & Mirror and Finger Rests | Oral Mucosa | Gingival and Dentogingival Junctional Tissues, Permanent Posterior Teeth (Maxillary Premolars), Quiz #4 | Gypsum  Materials for Fixed Indirect Restorations  Materials for Fixed Indirect Restorations, Quiz | Impressions & Pouring models  Fabrication &Trimming of Study Models | Vitamins & Minerals Essential for Calcified Structures |
|  | Medical Emergencies ***Move to the first few weeks of Pre-clinic***  EO/IO | Probing  Explorers | Enamel | Dentin and Pulp, Permanent Posterior Teeth (Mandibular Premolars), Quiz #5 | Removable Prostheses and Acrylic Resins  Dental Implants,  Quiz | Mixing custom tray acrylic materials and waxes  Elastomeric Impressions | Nutrients& Vitamins Required for Oral Soft Tissues & Salivary Glands |
|  | Periodontal and Risk Assessment  Dentition Assessment | Lab Practice: Mirrors, Finger Rests, Fulcrums, Probing & Explorers  **TESTING:** Mirrors, Finger Rests, Fulcrums, Probing & Explorers | Periodontium: Cementum, Alveolar Bone, Periodontal Ligament | Maxillary and Mandibular Premolars, Quiz #6  Library Training | Specialty Materials  Clinical Detection & Management  of Restorative Materials During Scaling and Polishing, Quiz | Placing Periodontal Dressings ***Take out***  Removal of Perio Dressing & Sutures | Water and Minerals Required for Oral Soft Tissues and Salivary Glands |
|  | **Examination III** | Ultrasonic | Examination II | Skeletal System, Permanent Posterior Teeth (Mandibular Molars) | Radiographic Appearance of Dental Tissues & Materials,  Polishing Materials & Abrasion  Quiz | Debonding Ortho Resins  Instruments  Composite Finishing & Polishing  Instruments | Exam II |
|  | Dental Biofilm and other Soft Deposits  Calculus ***Should be prior to Ultrasonic*** | **Ultrasonic Theresa Johnson** | Head & Neck Structures, Glandular Tissue | Muscular System, Permanent Posterior Teeth (Maxillary Molars) Quiz #7 | Oral Appliances  Quiz | Vital tooth Whitening & Alginates, Pour Models, & Trim on student partner  Making Bleaching trays, Fluoride trays,  Night-guards, Mouth-guards | Nutrition in Women, Nutritional Assessment & Counseling  Caries Control Counseling Project Assignment ***Should coincide with Pre-clinic Risk Assessment*** |
|  | Dental Stains and Discolorations  Hand-Activated Instrumentation | **I**nstrument Design & Classification, Movement, Adaptation & Instrumentation Strokes  Sickle Scalers | TMJ | Vascular System, Occlusion, Quiz #8 | Instruments in Dental Materials  Charting  Infection Control & Safety in the Dental Office  OSHA training video,  Quiz | Videos of various sharpening devices  Anesthesia Materials: Topical, subgingival, injectable | Nutrition During Growth & Development & Eating Habits Affecting Oral Health, Other Considerations Affecting Nutrient Intake |
|  | **Examination IV** | Sickle Scalers and Universal Curets  Area Specific Gracey Curets | Exam III | Nervous System Review of Maxillary and Mandibular Molars & Occlusion | Disinfection of Impressions &  Appliances and Materials  General Rules for Handling Dental Materials  Quiz | Temporary Crowns, Temporary Fillings,  Place IRM as temp on typodonts  Tips for the New Hygienist | Nutrition for Older Adults & Eating Habits Affecting Oral Health |
|  | Ultrasonic Instrumentation  Extrinsic Stain Removal | Universal Curets & Area Specific Gracey Curets  **TESTING:** All Sickle Scalers, Universal Curets, and Area Specific Gracey Curets | Anatomy of Local Anesthesia | Lymphatic System, Primary Dentition, Quiz #8 | Case Studies | Charting | Exam III, Effects of Systemic Disease on Nutritional Status and Oral Health, Caries: Causes, Prevention, and Treatment |
|  | Tooth brushing  Mechanical Oral Biofilm Control: Interdental and Self-Care Devices | Dental Charting & Computer Dental Charting Exercises; Practice on lab partner | Exam IV | Thanksgiving Holiday | Case Studies | Quiz over case studies | Nutritional Aspects of Gingivitis and Periodontal Disease, Alterations in the Oral Cavity |
|  | Planning for Dental Hygiene Care; Include Introduction  The Dental Hygiene Care Plan | Polishing Fluoride Treatments Tray & Varnish  Practice on lab Practice all skills on a partner | Fascia and Spaces, Spread of Dental Infection | Dental Anatomy Unit Examination | Review | Sealant Competency  Intra Oral Photo Competency ***Needs to be on the 2nd Week***  Place IRM Competency | Exam IV,  Dental Cares: Eating Disorders |
|  | Final Exam | Practical Final Exam | Final Exam | Final Exam |  | Final Exam | Final Exam |

**FIRST YEAR DH SPRING SEMESTER 2014-2015**

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| WEEK | CLINICAL DENTAL HYGIENE I  DHYG-1260 | DENTAL RADIOLOGY  DHYG-1304 | DENTAL  RADIOLOGY LAB DHYG-1304 | GENERAL & ORAL PATHOLOGY  DHYG-1239 | PHARMACOLOGY FOR THE DENTAL HYIENIST  DHYG-1235 | COMTEMPORARY DETNAL HYGIENE  DHYG-2201 |
|  | Orientation | Review Syllabus & Orientation | Dental Radiology Lab Orientation | CE through PDDS | Syllabus | Review Course Syllabus  Human Needs Theory & DH Care |
|  | Orientation  Med Emerg . | Radiation Physics | Panoramic Technique & Troubleshooting | Introduction to oral lesions | Intro to Pharm  Drug Action | Decision Making  & Health Promotion  Review Emergency Management |
|  | Clinic | Radiation Biology & Protection | Begin Horizontal Bitewing (BWX) Technique & Pano | Inflammation and repair | Autonomic NS Drugs | Changing Behaviors  Exam |
|  | Clinic | Pano Imaging; (BWX)Technique; History of Radiation | Continue Horizontal BWXs & begin Vertical BWXs | Mock boards | Test  LA | Cultural Competence  & Impact of Perio Infections on Health |
|  | Clinic | Radiation Characteristics; Exam I | Vertical BWXs & Quiz on Pano & BWX Errors | Immunity | Sedation/GA  Drugs for Pain | DH Diagnosis  DH Care Plan, Evaluation & Documentation |
|  | Clinic | X-ray Film; Image Characteristics | Paralleling Technique –Periapical Exposures | Infectious disease | Test | Disabilities  Exam |
|  | Clinic | X-ray Film Processing; Quality Assurance | Continue Paralleling Technique & Technique Errors | Developmental disorders | Antibacterial Agents  Antiviral/Antifungal | Cardiovascular  Diabetes Mellitus  Class Presentations |
|  | Clinic | Radiographer; Pt Relations & Education  Legal Issues,  Exam II  Technique Errors; Paralleling Technique; Digital Imaging; Extraoral Techniques; Film Mounting & Viewing | Interpretation of Errors & Phosphor Plates & ScanX System Continue Phosphor Plates & ScanX & Orientation on Nomad | Genetics | Antineoplastic, Immunosuppressant, Bisphosphonate Drugs | Exam |
|  | Spring Break | Spring Break | Spring Break | Spring Break | Spring Break | Spring Break |
|  | Clinic | Patients w/ Special Needs; Digital Radiography; 3-D Imaging ; Exam III | Nomad Test & Practice; Bisecting Technique | Open… | Test  Fluorides | Cancer & HIV  Class Presentations |
|  | Clinic | Max & Mand Landmarks; Bisecting Technique | Nomad Practice & Bisecting Technique | Neoplasia | Cardiovascular Drugs  Gastrointestinal Drugs | Neurologic and Sensory Deficits  Mid-Term Exam |
|  | Clinic | Pano Landmarks; Image Interpretation; Descriptive Terms | FMX Pedo Manikins | Smoking cessation | Test | Autoimmune &  Renal Diseases, Organ Transplant |
|  | Clinic | Identify Restorations, Materials, and Foreign Objects;  Interpretation of Caries | Occlusal, Localization & Endo Techniques & Practice Interpretation of Conditions | Non- neoplastic lesions | Respiratory Drugs  Neurological Drugs | Respiratory Diseases  Exam |
|  | Clinic  Ethics Modules 3&4 Due | Interpretation of Perio, Trauma, & Pulpal and Periapical Lesions | Lab Practical FMXs Taken & Interpretation | Oral manifestation of systemic diseases | Psychiatric Drugs  Test | Root Morphology & Instrumentation Implications,  Decision Making In Nonsurgical Perio Therapy |
|  | Clinic | Exam IV | Lab Practical FMXs & Interpretation | Diseases of TMJ | Endocrine & Hormonal Drugs  Herbal & Natural Remedies | Area Specific Curettes  Ultrasonic & Sonic Instrumentation  Exam |
|  | Final Exam | Practical Final Exam | Final Exam | Final Exam | Final Exam | Final Exam |

**After Curriculum Review 10-27-15, these changes are recommended:**

* *Yellow Highlights are items that will be removed in Spring of 2015 because they are being taught presently in DHYG-1331*
* *Blue Highlights are items that have been moved in this course to coincide with the curriculum of DHYG-1239, and DHYG-1260*

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| WEEK | CLINICAL DENTAL HYGIENE I  DHYG-1260 | DENTAL RADIOLOGY  DHYG-1304 | DENTAL  RADIOLOGY LAB DHYG-1304 | GENERAL & ORAL PATHOLOGY  DHYG-1239 | PHARMACOLOGY FOR THE DENTAL HYIENIST  DHYG-1235 | COMTEMPORARY DETNAL HYGIENE  DHYG-2201 |
|  | Orientation | Review Syllabus & Orientation | Dental Radiology Lab Orientation | CE through PDDS | Syllabus | Review Course Syllabus  *This is taught in Pre-clinic DHYG-1331 as of fall 2015*  Human Needs Theory & DH Care |
|  | Orientation  Med Emerg . | Radiation Physics | Panoramic Technique & Troubleshooting | Introduction to oral lesions | Intro to Pharm  Drug Action | *This is taught in Pre-clinic DHYG-1331 as of fall 2015*  Decision Making  & Health Promotion  Review Emergency Management & Cardiovascular |
|  | Clinic | Radiation Biology & Protection | Begin Horizontal Bitewing (BWX) Technique & Pano | Inflammation and repair | Autonomic NS Drugs | *This is taught in Pre-clinic DHYG-1331 as of fall 2015*  Changing Behaviors  Exam  Diabetes Mellitus |
|  | Clinic | Pano Imaging; (BWX)Technique; History of Radiation | Continue Horizontal BWXs & begin Vertical BWXs | Mock boards | Test  LA | *This is taught in Pre-clinic DHYG-1331 as of fall 2015*  Cultural Competence  & Impact of Perio Infections on Health  Disabilities |
|  | Clinic | Radiation Characteristics; Exam I | Vertical BWXs & Quiz on Pano & BWX Errors | Immunity | Sedation/GA  Drugs for Pain | *This is taught in Pre-clinic DHYG-1331 as of fall 2015*  DH Diagnosis  DH Care Plan, Evaluation & Documentation  Neurologic and Sensory Deficits |
|  | Clinic | X-ray Film; Image Characteristics | Paralleling Technique –Periapical Exposures | Infectious disease | Test | Infectious Disease*(Added)*  Exam |
|  | Clinic | X-ray Film Processing; Quality Assurance | Continue Paralleling Technique & Technique Errors | Developmental disorders | Antibacterial Agents  Antiviral/Antifungal | HIV *Moved*  Class Presentations |
|  | Clinic | Radiographer; Pt Relations & Education  Legal Issues,  Exam II  Technique Errors; Paralleling Technique; Digital Imaging; Extraoral Techniques; Film Mounting & Viewing | Interpretation of Errors & Phosphor Plates & ScanX System Continue Phosphor Plates & ScanX & Orientation on Nomad | Genetics | Antineoplastic, Immunosuppressant, Bisphosphonate Drugs | Area Specific Curettes  Ultrasonic & Sonic Instrumentation |
|  | Spring Break | Spring Break | Spring Break | Spring Break | Spring Break | Spring Break |
|  | Clinic | Patients w/ Special Needs; Digital Radiography; 3-D Imaging ; Exam III | Nomad Test & Practice; Bisecting Technique |  | Test  Fluorides | Cancer |
|  | Clinic | Max & Mand Landmarks; Bisecting Technique | Nomad Practice & Bisecting Technique | Neoplasia | Cardiovascular Drugs  Gastrointestinal Drugs | Class Presentations  *(Moved)* |
|  | Clinic | Pano Landmarks; Image Interpretation; Descriptive Terms | FMX Pedo Manikins | Smoking cessation in lab | Test | Autoimmune &  Renal Diseases, Organ Transplant |
|  | Clinic | Identify Restorations, Materials, and Foreign Objects;  Interpretation of Caries | Occlusal, Localization & Endo Techniques & Practice Interpretation of Conditions | Non- neoplastic lesions | Respiratory Drugs  Neurological Drugs | Respiratory Diseases  Exam |
|  | Clinic  Ethics Modules 3&4 Due | Interpretation of Perio, Trauma, & Pulpal and Periapical Lesions | Lab Practical FMXs Taken & Interpretation | Oral manifestation of systemic diseases | Psychiatric Drugs  Test | Root Morphology & Instrumentation Implications,  Decision Making In Nonsurgical Perio Therapy |
|  | Clinic | Exam IV | Lab Practical FMXs & Interpretation | Diseases of TMJ | Endocrine & Hormonal Drugs  Herbal & Natural Remedies | Exam |
|  | Final Exam | Practical Final Exam | Final Exam | Final Exam | Final Exam | Final Exam |