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

**CURRICULUM REVIEW**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| WEEK | PRECLINIC THEORYDHYG-1431 | PRECLINIC LABDHYG-1431 | OROFACIAL ANATOMY, HISTOLOGY & EMBRYOLOGYDHYG-1301 | OROFACIAL ANATOMY, HISTOLOGY & EMBRYOLOGY LABDHYG-1301 | DENTAL MATERIALSTHEORYDHYG-1319 | DENTAL MATERIALSLABDHYG-1319 | GENERAL & DENTAL NUTRITIONDHYG-1207 |
|  | Orientation to the DH Program | Review Syllabus& Professional DH Infection Control& Clinical Procedures  | Review Syllabus & Introductions | Head and Neck Anatomy, Surface AnatomyFace and Neck Regions, Oral Cavity& Pharynx  | Review Syllabus, Introduction | Eaglesoft & CaseyOverview 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, TestPhysical & Mechanical Properties. Quiz | Rubber Dam Application & Removal | Labor Day Holiday |
|  | **Examination I**  | PositioningClock Positions Instrument Sterilization  | Prenatal Development | Development of the Face and Neck, Permanent Anterior Teeth (Max. & Mand. Canines) | Adhesive MaterialsDirect 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 processMedical History | Development of Orofacial Structures | Tooth Development & Eruption Review all Anterior Teeth. Quiz #2 | Amalgam and Direct Gold FoilQuiz | Amalgam Finishing & PolishingLab 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 CementsImpression MaterialsQuiz | Mixing Liners Bases and CementsAlginate 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 RestorationsMaterials 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 ResinsDental 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 MaterialsClinical Detection & Managementof Restorative Materials During Scaling and Polishing, Quiz | Placing Periodontal DressingsRemoval 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 & AbrasionQuiz | Debonding Ortho ResinsInstruments Composite Finishing & PolishingInstruments  | 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 partnerMaking 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 StrokesSickle Scalers | TMJ | Vascular System, Occlusion, Quiz #8 | Instruments in Dental MaterialsChartingInfection Control & Safety in the Dental OfficeOSHA training video, Quiz | Videos of various sharpening devicesAnesthesia Materials: Topical, subgingival, injectable | Nutrition During Growth & Development & Eating Habits Affecting Oral Health, Other Considerations Affecting Nutrient Intake  |
|  | **Examination IV** | Sickle Scalers and Universal CuretsArea Specific Gracey Curets | Exam III  | Nervous System Review of Maxillary and Mandibular Molars & Occlusion  | Disinfection of Impressions &Appliances and MaterialsGeneral Rules for Handling Dental MaterialsQuiz | Temporary Crowns, Temporary Fillings, Place IRM as temp on typodontsTips 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 & VarnishPractice on lab Practice all skills on a partner | Fascia and Spaces, Spread of Dental Infection | Dental Anatomy Unit Examination | Review     | Sealant CompetencyIntra Oral Photo CompetencyPlace 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:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| WEEK | PRECLINIC THEORYDHYG-1431 | PRECLINIC LABDHYG-1431 | OROFACIAL ANATOMY, HISTOLOGY & EMBRYOLOGYDHYG-1301 | OROFACIAL ANATOMY, HISTOLOGY & EMBRYOLOGY LABDHYG-1301 | DENTAL MATERIALSTHEORYDHYG-1319 | DENTAL MATERIALSLABDHYG-1319 | GENERAL & DENTAL NUTRITIONDHYG-1207 |
|  | Orientation to the DH Program | Review Syllabus& Professional DH Infection Control& Clinical Procedures  | Review Syllabus & Introductions | Head and Neck Anatomy, Surface AnatomyFace and Neck Regions, Oral Cavity& Pharynx  | Review Syllabus, Introduction | Eaglesoft & CaseyOverview 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, TestPhysical & Mechanical Properties. Quiz | Rubber Dam Application & Removal | Labor Day Holiday |
|  | **Examination I**  | PositioningClock Positions Instrument Sterilization  | Prenatal Development | Development of the Face and Neck, Permanent Anterior Teeth (Max. & Mand. Canines) | Adhesive MaterialsDirect 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 processMedical History | Development of Orofacial Structures | Tooth Development & Eruption Review all Anterior Teeth. Quiz #2 | Amalgam and Direct Gold FoilQuiz | Amalgam Finishing & PolishingLab 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 CementsImpression MaterialsQuiz | Mixing Liners Bases and CementsAlginate 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 RestorationsMaterials 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 ResinsDental 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 MaterialsClinical Detection & Managementof 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 & AbrasionQuiz | Debonding Ortho ResinsInstruments Composite Finishing & PolishingInstruments  | 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 partnerMaking 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 StrokesSickle Scalers | TMJ | Vascular System, Occlusion, Quiz #8 | Instruments in Dental MaterialsChartingInfection Control & Safety in the Dental OfficeOSHA training video, Quiz | Videos of various sharpening devicesAnesthesia Materials: Topical, subgingival, injectable | Nutrition During Growth & Development & Eating Habits Affecting Oral Health, Other Considerations Affecting Nutrient Intake  |
|  | **Examination IV** | Sickle Scalers and Universal CuretsArea Specific Gracey Curets | Exam III  | Nervous System Review of Maxillary and Mandibular Molars & Occlusion  | Disinfection of Impressions &Appliances and MaterialsGeneral Rules for Handling Dental MaterialsQuiz | Temporary Crowns, Temporary Fillings, Place IRM as temp on typodontsTips 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 & VarnishPractice on lab Practice all skills on a partner | Fascia and Spaces, Spread of Dental Infection | Dental Anatomy Unit Examination | Review     | Sealant CompetencyIntra 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**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| WEEK | CLINICAL DENTAL HYGIENE IDHYG-1260 | DENTAL RADIOLOGYDHYG-1304 | DENTAL RADIOLOGY LAB DHYG-1304 | GENERAL & ORAL PATHOLOGYDHYG-1239 | PHARMACOLOGY FOR THE DENTAL HYIENIST DHYG-1235 | COMTEMPORARY DETNAL HYGIENEDHYG-2201 |
|  | Orientation | Review Syllabus & Orientation | Dental Radiology Lab Orientation | CE through PDDS | Syllabus | Review Course SyllabusHuman Needs Theory & DH Care |
|  | OrientationMed Emerg . | Radiation Physics | Panoramic Technique & Troubleshooting | Introduction to oral lesions | Intro to PharmDrug Action | Decision Making& Health PromotionReview Emergency Management |
|  | Clinic | Radiation Biology & Protection | Begin Horizontal Bitewing (BWX) Technique & Pano | Inflammation and repair | Autonomic NS Drugs | Changing BehaviorsExam  |
|  | Clinic | Pano Imaging; (BWX)Technique; History of Radiation | Continue Horizontal BWXs & begin Vertical BWXs | Mock boards | TestLA | Cultural Competence& Impact of Perio Infections on Health |
|  | Clinic | Radiation Characteristics; Exam I | Vertical BWXs & Quiz on Pano & BWX Errors | Immunity | Sedation/GADrugs for Pain | DH DiagnosisDH Care Plan, Evaluation & Documentation |
|  | Clinic | X-ray Film; Image Characteristics | Paralleling Technique –Periapical Exposures | Infectious disease | Test | DisabilitiesExam  |
|  | Clinic | X-ray Film Processing; Quality Assurance | Continue Paralleling Technique & Technique Errors | Developmental disorders | Antibacterial AgentsAntiviral/Antifungal | Cardiovascular Diabetes MellitusClass Presentations |
|  | Clinic | Radiographer; Pt Relations & EducationLegal Issues, Exam IITechnique 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… | TestFluorides | Cancer & HIV Class Presentations |
|  | Clinic | Max & Mand Landmarks; Bisecting Technique  | Nomad Practice & Bisecting Technique | Neoplasia | Cardiovascular DrugsGastrointestinal Drugs | Neurologic and Sensory DeficitsMid-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 DrugsNeurological Drugs | Respiratory DiseasesExam  |
|  | ClinicEthics Modules 3&4 Due | Interpretation of Perio, Trauma, & Pulpal and Periapical Lesions | Lab Practical FMXs Taken & Interpretation | Oral manifestation of systemic diseases | Psychiatric DrugsTest | Root Morphology & Instrumentation Implications,Decision Making In Nonsurgical Perio Therapy |
|  | Clinic | Exam IV | Lab Practical FMXs & Interpretation | Diseases of TMJ | Endocrine & Hormonal DrugsHerbal & Natural Remedies | Area Specific CurettesUltrasonic & Sonic InstrumentationExam  |
|  | 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*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| WEEK | CLINICAL DENTAL HYGIENE IDHYG-1260 | DENTAL RADIOLOGYDHYG-1304 | DENTAL RADIOLOGY LAB DHYG-1304 | GENERAL & ORAL PATHOLOGYDHYG-1239 | PHARMACOLOGY FOR THE DENTAL HYIENIST DHYG-1235 | COMTEMPORARY DETNAL HYGIENEDHYG-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 |
|  | OrientationMed Emerg . | Radiation Physics | Panoramic Technique & Troubleshooting | Introduction to oral lesions | Intro to PharmDrug Action | *This is taught in Pre-clinic DHYG-1331 as of fall 2015*Decision Making& Health PromotionReview 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 BehaviorsExamDiabetes Mellitus |
|  | Clinic | Pano Imaging; (BWX)Technique; History of Radiation | Continue Horizontal BWXs & begin Vertical BWXs | Mock boards | TestLA | *This is taught in Pre-clinic DHYG-1331 as of fall 2015*Cultural Competence& Impact of Perio Infections on HealthDisabilities |
|  | Clinic | Radiation Characteristics; Exam I | Vertical BWXs & Quiz on Pano & BWX Errors | Immunity | Sedation/GADrugs for Pain | *This is taught in Pre-clinic DHYG-1331 as of fall 2015*DH DiagnosisDH Care Plan, Evaluation & DocumentationNeurologic 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 AgentsAntiviral/Antifungal | HIV *Moved*Class Presentations |
|  | Clinic | Radiographer; Pt Relations & EducationLegal Issues, Exam IITechnique 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 CurettesUltrasonic & 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 |  | TestFluorides | Cancer  |
|  | Clinic | Max & Mand Landmarks; Bisecting Technique  | Nomad Practice & Bisecting Technique | Neoplasia | Cardiovascular DrugsGastrointestinal 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 DrugsNeurological Drugs | Respiratory DiseasesExam  |
|  | ClinicEthics Modules 3&4 Due | Interpretation of Perio, Trauma, & Pulpal and Periapical Lesions | Lab Practical FMXs Taken & Interpretation | Oral manifestation of systemic diseases | Psychiatric DrugsTest | Root Morphology & Instrumentation Implications,Decision Making In Nonsurgical Perio Therapy |
|  | Clinic | Exam IV | Lab Practical FMXs & Interpretation | Diseases of TMJ | Endocrine & Hormonal DrugsHerbal & Natural Remedies |  Exam |
|  | Final Exam | Practical Final Exam | Final Exam | Final Exam | Final Exam | Final Exam |