**PDS 431 – INTRODUCTION TO ORTHODONTICS (MUC)**

*COURSE SCHEDULE*

**FIRST SEMESTER**

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| **WEEK** | **DATE** | **PRACTICAL**  **Tuesday, 9:00-12:00 pm**  **Phantom Lab.** | **SUPPLYIES NEEDED** | |
| 1 | 13 SEPT 2011 | Introduction to the laboratory | \_\_\_ | |
| 2 | 20 SEPT 2011 | Study Models – I  - Impressions of students & pouring | Alginate impression (regular), pheriphery wax, disposable gloves(small), mask, paper towel, boxing wax, ortho. Plasic tray, adhesive tray, yellow bite ream wax, disposable cups, scoop+ measures,small bags for tray , ortho. Plaster. | |
| 3 | 27 SEPT 2011 | Study Models – II  - Demo. of model trimming & finishing  *Deadline for models’ delivery, the beginning of next session* |  | |
| 4 | 04 OCT 2011 | Class I, II Div 1 Malocclusions  - Description using models | \_\_\_ | |
| 5 | 11OCT 2011 | Class II Div 2, III Malocclusions  - Description using models  *Students are reminded to start taking their own Ceph.* | \_\_\_ | |
| 6 | 18 OCT 2011 | Classification of Malocclusion  - Description using students’ models  *Final date for presenting Cephalometric images* | \_\_\_ | |
| 7 | 25 OCT 2011 | Cephalometrics I \*\*  - Tracing & Landmark Identification | Tracing paper, 3-H drawing pencil, gum eraser, millimeter ruler, transparent triangle, protractor, scotch tape, view box. | |
|  | 31/10 - 12/11 2011 | **Hajj Holiday** | | | |
| 8 | 15 NOV 2011 | **First Mid-Term Examination** | |
| 9 | 22 NOV 2011 | Cephalometrics II  - Measurement & Interpretation | 3-H drawing pencil, gum eraser, millimeter ruler, transparent triangle, protractor | |
| 10 | 29 NOV 2011 | Hand & Wrist Radiographs + CVS | \_\_\_ | |
| 11 | 06 DEC 2011 | Radiographs (OPG, Occlusal, P-A) | \_\_\_ | |
| 12 | 13 DEC 2011 | Models Analysis (Permanent Dentition) | ruler, compass, and 0.5 mm pencil | |
| 13 | 20 DEC 2011 | Models Analysis (Mixed Dentition)  *Students are reminded to receive their instruments’ kit* | ruler, compass, and 0.5 mm pencil | |
| 14 | 27 DEC 2011 | Demo. of Orthodontic Appliances & Instruments Description \*\*\* | Ligature cutter, distal end cutter, hard wire cutter, bird's beak, adams plier, tweed plier, weingart utility plier, 3-prong plier, band removing pliers, band seater, band pusher, ligature plier, mosquito forceps, modules, ligature wires & director, ortho. Wires. | |
| 15 | 03 JAN 2012 | Review | \_\_\_ | |
| 16 | 10 JAN 2012 | **Mid-Year Examination** | |

**SECOND SEMESTER**

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| **WEEK** | **DATE** | **PRACTICAL**  **Tuesday, 9:00-12:00 pm**  **Phantom Lab.** | | **SUPPLYIES NEEDED** |
| 1 | 31 JAN 2012 | Review of 1st semester, and preparation for case presentation | | \_\_\_ |
| 2 | 07 FEB 2012 | Case Presentation | | \_\_\_ |
| 3 | 14 FEB 2012 | Case Presentation | | \_\_\_ |
| 4 | 21 FEB 2012 | Case Presentation / Wire Bending Exercises (W.B.E.) | | 0.016" SS wire, bird's beak, adams plier, distal end cutter. |
| 5 | 28 FEB 2012 | Removable App. Demonstration | (W.B.E) / Adams Clasp on #16 | 0.028" SS wire, bird's beak plier, hard wire cutter |
| 6 | 06 MAR 2012 | Functional App. Demonstration | Adams Clasp on #16/ #26 | 0.028" SS wire, bird's beak plier, hard wire cutter |
| 7 | 13 MAR 2012 | Adams Clasp on #26 | | 0.028" SS wire, bird's beak plier, hard wire cutter |
| 8 | 20 MAR 2012 | Bending of Labial Bow | | 0.032" SS wire, bird's beak plier, hard wire cutter |
|  | 22-30 MAR 2012 | **Mid-2nd Semester Break** | | |
| 9 | 03 Apr 2012 | **2nd Mid-Term Examination** | | |
| 10 | 10 Apr 2012 | Acrylization, Finishing of Hawley R. \*\*  *Deadline for handing-in H.R., the beginning of next session* | | Separating medium, sticky wax, acrylic resin (polymer and monomer), lab. knife, acrylic resin bur |
| 11 | 17 Apr 2012 | Activation of Removable appliance  *Collection of Orthodontic tyopdont and appliances, through out this week* | | bird's beak plier |
| 12 | 24 Apr 2012 | Fixed Ortho. App. (Typodont) I | | Typodont, 0.016" SS wire, bird's beak, adams plier, distal end cutter, Ligature cutter, elastic modules, ligature wires & director. |
| 13 | 01 MAY 2012 | Fixed Ortho. App. (Typodont) II | | Typodont, 0.016" x 0.022 SS wire, bird's beak plier, distal end cutter, Ligature cutter, elastic modules, ligature wires & director. |
| 14 | 08 MAY 2012 | Fixed Ortho. App. (Typodont) III | | Typodont, 0.019" x 0.025 SS wire, 0.017" x 0.025 SS wire, bird's beak plier, distal end cutter, Ligature cutter, elastic modules, ligature wires & director. |
| 15 | 15 MAY 2012 | Preparation for final practical examination | | \_\_\_ |
| 16 | 29 MAY 2012 | **Final Examination** | | |