

2. Conservative dentistry 3th

No.	Subjects (Operative)	Hours
1.	Definition of operative dentistry: a- Aim of operative dentistry. b- General terminology.	1
2.	Instruments and general instrumentation of cavity preparation: a- Hand instruments. b- Rotary instruments.	1
3.	Control of operative instruments: a- Handling. b- Sharpening. c- Sterilization.	2
4.	Principles of cavity preparations: a- Steps of cavity preparation. b- Types of caries.	1
5.	Amalgam cavity preparations for class I and V.	2
6.	Amalgam cavity preparations for class II.	2
7.	Amalgam cavity preparation for complicated cavities.	2
8.	Cavity liners and cement bases (dental material).	2
9.	Manipulation of cavity liner and bases insertion into the cavity.	2
10.	Dental amalgam alloys (material).	1
11.	General characteristics.	1
12.	Manipulations.	1
13.	Insertion into the cavity (advantages and disadvantages).	1
14.	Matrix bands.	1
15.	Polishing of amalgam.	1
16.	Failures in amalgam restorations.	1
17.	Tooth colored restorations composite.	1
18.	Cavity preparation for the tooth colored restorations class III, IV and V.	2
19.	Composite: a- Manipulation. b- Application. c- Finishing and polishing. d- Types of liners.	2
20.	Failures in the anterior restorations.	2
21.	Acid etch technique for the anterior restorations, pins in restorative dentistry.	1

*Crowns and Bridges

No.	Subjects (Crowns and Bridges)	Hours
1.	Crowns and bridges history, definitions, indications in general.	1
2.	Crown types, indications and contra indications.	1
3.	Types of finishing lines, general factors in crown and bridge preparation.	1
4.	Full crown preparation and some clinical modification.	1
5.	% crown, post.	1
6.	Post crown-dowel crown.	1
7.	Temporary crowns.	1
8.	Impression for crowns.	1
9.	Die construction articulation.	1
10.	Waxing, investing and casting.	1
11.	Try-in and cementation.	1
12.	Pontics.	1
13.	Steps in bridge construction.	1
14.	Porcelain material.	1
15.	Porcelain jacket crown.	1