



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Medicina di Precisione in area Medica, Chirurgica e Critica		
ACADEMIC YEAR	2016/2017		
MASTER'S DEGREE (MSC)	DENTISTRY		
INTEGRATED COURSE	DENTAL MATERIALS AND PROSTHETIC TECHNOLOGIES - INTEGRATED COURSE		
CODE	17144		
MODULES	Yes		
NUMBER OF MODULES	2		
SCIENTIFIC SECTOR(S)	MED/28		
HEAD PROFESSOR(S)	CARADONNA CAROLA	Ricercatore	Univ. di PALERMO
OTHER PROFESSOR(S)	CARADONNA CAROLA	Ricercatore	Univ. di PALERMO
	CUMBO ENZO MARIA GIUSEPPE	Ricercatore	Univ. di PALERMO
CREDITS	7		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	3		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	CARADONNA CAROLA Wednesday 10:00 - 11:00 Odontoiatria secondo piano CUMBO ENZO MARIA GIUSEPPE Tuesday 09:00 - 11:00 Scienze Stomatologiche 1° piano		

DOCENTE: Prof.ssa CAROLA CARADONNA

PREREQUISITES	basic knowledge of phisic and chemistry
LEARNING OUTCOMES	Knowledge of physic and chemistry of dental material and their application.
ASSESSMENT METHODS	<p>oral exam. ECTS gradetalian GradeGrade descriptors A – A+ Excellent30-30 cum laude Eccellente Excellent knowledge of teaching contents; students should show high analytical and synthetic capabilities and should be able to apply their knowledge to solve highly complex problems.</p> <p>B Very good27-29 Ottimo Good knowledge of the teaching contents and excellent language control; students should show analytical and synthetic skills and be able to apply their knowledge to solve problems of medium and, in some cases, even higher complexity.</p> <p>C Good24- 26 BuonoGood knowledge of teaching contents and good language control; the students should be able to apply their knowledge to solve problems of medium complexity</p> <p>D Satisfactory21-23 Discreto Average knowledge of the teaching contents, in some cases limited to the main topic; acceptable ability to use the specific discipline language and independently apply the acquired knowledge.</p> <p>E Sufficient18-20 Sufficiente Minimum teaching content knowledge, often limited to the main topic; modest ability to use the subject specific language and independently apply the acquired knowledge.</p> <p>F FailInsufficiente Lack of an acceptable knowledge of the main teaching content knowledge; very little or no ability to use the specific subject language and apply independently the acquired knowledge.</p>
TEACHING METHODS	lessons

**MODULE
PROSTHETIC AND LABORATORY TECHNOLOGIES**

Prof. ENZO MARIA GIUSEPPE CUMBO

SUGGESTED BIBLIOGRAPHY

F.Simionato "Tecnologie dei Materiali Dentali"- Piccin ed.

A.De Benedetto "Manuale di Laboratorio Odontotecnico" F.Lucisano ed.

AMBIT	50448-Discipline odontoiatriche e radiologiche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

At the end of the course the student must demonstrate:

- Knowledge of the materials used in dentistry and their proper use.
- Assessment skills of products manufactured by the dental technician.
- Knowledge of legislation.
- Ability to pour models and trim final casts.
- Ability to use the articulator and know how to use the resins.

SYLLABUS

Hrs	Frontal teaching
1	Legislation in dentistry
1	Dental impression disinfection
2	Pouring models and trimming final casts
1	Color and shade selection
2	Interocclusal relations
2	Articulators
1	Cast duplication
1	Diagnostic wax-up
2	Individual trays
2	Dental alloys processing
1	Welds
3	Fixed prosthetics
3	Complete removable dentures
3	Removable partial denture
3	Metal framework partial denture
1	Orthodontic appliances
1	Dental implant systems
Hrs	Practice
26	<ul style="list-style-type: none"> - Dental impression disinfection. - Pouring models and trimming final casts. - Color and shade selection. - Interocclusal relations. - Articulators. - Cast duplication. - Individual trays. - Welds.

**MODULE
DENTAL MATERIALS**

Prof.ssa CAROLA CARADONNA

SUGGESTED BIBLIOGRAPHY

Spoto G. Materiali e tecnologie odontostomatologiche. Ariesdue, 2013, seconda edizione

AMBIT	50448-Discipline odontoiatriche e radiologiche
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INDIVIDUAL STUDY (Hrs)	60
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COURSE ACTIVITY (Hrs)	40
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EDUCATIONAL OBJECTIVES OF THE MODULE

purpose of the lessons is to give to students knowledge about mechanical, physical.chemical and biological aspect of dental material.

SYLLABUS

Hrs	Frontal teaching
3	Materiali per la protezione pulpo-dentinale
6	Materiali usati in conservativa ed endodonzia
3	Cementi dentari
3	Cementi dentari
5	Resine
4	Adesivi
4	Materiali per ortodonzia
5	Materiali da impronta elastici e non-elastici
3	Gessi
2	cere
2	Materiali per uso chirurgico