



NEW YORK CITY COLLEGE OF TECHNOLOGY
THE CITY UNIVERSITY OF NEW YORK
DEPARTMENT OF RESTORATIVE DENTISTRY

COMPLETE DENTURES I: RESD 1111

LECTURE & LAB INSTRUCTORS:

Professor Avis Smith (Course Coordinator & Lab Instructor)

Office A601
Phone: (718) 260-4141
Email: asmith@citytech.cuny.edu
Office Hours: TBA

Professor Oscar D. Galvis (Lecture & Lab Instructor)

Office A601
Phone: (718) 260-4141
Email: Ogalvis@citytech.cuny.edu (Odgalvis@aol.com)
Office Hours: Tuesday: 7:30AM – 8:30AM, 11:00AM-11:30AM, 2:00PM-2:30PM,
3:30PM-4:00PM, 5:00PM-5:30PM

Professor Natalie Pires Galvis (Lab Instructor)

Office A601
Phone: (718) 260-5137
Email: npires@citytech.cuny.edu
Office Hours: Friday: 7:30AM – 8:30AM, 11:00AM-11:30AM, 2:00PM-2:30PM

Professor Joseph Caputo (Lab Instructor)

Office A601
Phone: (718) 260-5137
Email: jcaputo@citytech.cuny.edu
Office Hours: TBA

Professor Pavlos Malonoukos (Lab Instructor)

Office A601
Phone: (718) 260-5137
Email: pavlos.malonoukos12@login.cuny.edu
Office Hours: TBA

Professor Anthony Sena (Lab Instructor)

Office A601
Phone: (718) 260-5137
Email: Asena@citytech.cuny.edu
Office Hours: TBA

COLLEGE CATALOG DESCRIPTION

Denture fabrication including the interpretation of work authorizations, evaluating casts, fabricating impression trays, constructing baseplates and wax occlusal rims, articulating casts, set-ups, wax-ups and contouring of full dentures.

COURSE DESCRIPTION:

An introduction to basic techniques of full denture construction. This course will include anatomical terminology as it relates to full denture construction, fabricating of custom impression trays, constructing baseplates and occlusal rims, articulating casts, set-up of maxillary and mandibular opposing wax trial dentures using anatomical artificial teeth, festooning and contouring of full wax trial denture bases.

CLASS HOURS:

Laboratory: 6 in-class laboratory hours per week

Lecture: 1 lecture hour in-class per week

Both Lecture and Lab sessions will be held in-class according with RESD 1111- Complete Denture I Course Calendar

CREDITS: 3 credits

NUMBER OF WEEKS: 15 Weeks

CURRICULUM LEVEL: First semester

PREREQUISITE: Eligibility for ENG1101 or ENG 1101CO or ENG 1101ML; Eligibility for MAT1190 or MAT1190CO or higher

COURSE REQUIREMENTS:

Standard College and Department attendance and grade regulations

Conformity to safety regulations;

Laboratory coats and personal protection equipment (PPE)

Dental instruments and supplies

TEXTBOOK(S):

Dental Laboratory Technology – Removable Prosthodontics, Air Force Pamphlet, 47-103, Vol. I, 15 Nov. 2005.

REFERENCES:

1. Anatomy of Orofacial Structures, Brand and Isselhard, C.V. Mosby Co; St. Louis, Mo.
2. Dental Laboratory Procedures- Complete Dentures, Morrow, Rudd, Eissman, Vol I, C. Mosby Co; St. Louis Mo.
3. Dental Laboratory Technology, Nicholas Martinelli, Third Edition, C.V.Mosby Co.
4. All previous Air Force Manuals including 162-6.

AUDIO/VISUAL TECHNICAL TAPES:

1. Complete Dentures Part II & III – Library
2. Complete Dentures Part IV (Refitting and Relining) – Library
3. Semi-adjustable Articulators in Dentistry – Library
4. Denture Base Esthetics – Library
5. Final Impressions - Complete Dentures -H.S.R.C.
6. Preliminary Impressions – Complete Dentures – Library
7. Denture Base Esthetics - H.S.R.C.
8. Lab Procedures - Complete Dentures 1 -H.S.R.C.
9. Lab Procedures - Complete Dentures 2 -H.S.R.C.
10. Recording Centric Relation - H.S.R.C.
11. Recording Centric Relation – Graphic Method - part 2 - H.S.R.C.
12. Complete Dentures, University of Iowa College of Dentistry, n.d. 4 Videocassettes (Videocassette 1135).
13. The Face-Bow Transfers and Mounting of Cases: Whip - Mix Model 8645.
14. Quick Mount Face-Bow and Model 8500
15. Articulator. Whip Mix, 11987 (Videocassettes 1153).
16. Mechanics of Dentures. Linden Street Prosthetics n.d. 3 Videocassettes (Videocassette 1156)

POLICIES:

ACADEMIC INTEGRITY

CUNY Policy on Academic Integrity

Academic dishonesty is prohibited in The City University of New York. Penalties for academic dishonesty include academic sanctions, such as failing or otherwise reduced grades, and/or disciplinary sanctions, including suspension, or expulsion.

Source: NYCCT College Catalog: [http:// www.citytech.cuny.edu/academics/academic-catalog.aspx](http://www.citytech.cuny.edu/academics/academic-catalog.aspx)

NYCCT Academic Integrity

Students and all others who work with information, ideas, texts, images, music, inventions, and other intellectual property owe their audience and sources accuracy and honesty in using, crediting, and citing sources. As a community of intellectual and professional workers, the College recognizes its responsibility for providing instruction in information literacy and academic integrity, offering models of good practice, and responding vigilantly and appropriately to infractions of academic integrity.

Source: NYCCT College Catalog: <http://www.citytech.cuny.edu/academics/academic-catalog.aspx>

Restorative Dentistry

1. All Restorative Dentistry students must submit completed assignments or projects (in lab or theory) by the assigned due date as stated in the course outline.
2. Plagiarism in lecture or laboratory assignments, exams or projects will not be accepted. Student will not receive a grade if papers or assignments were done by someone else. The department will adhere and follow the Academic Integrity Policy and Procedures as per NYCCT & CUNY Policies.

3. Students are responsible for knowing all material covered in reading assignments and handouts for both lecture and laboratory. Students are responsible for knowing information from reading assignments regardless of whether it has been covered during class sessions or not.
4. RESD students are responsible for being in class on time and for participation in laboratory demonstrations. Failure to observe laboratory demonstrations may affect student's performance and contribute to the failure of the course.

ATTENDANCE

NYCCT Attendance & Lateness

Attendance and class participation are essential and excessive absences may affect the final grade. Courses with laboratory, clinical or field work may have specific attendance policies.

Source: NYCCT College Catalog: <http://www.citytech.cuny.edu/academics/academic-catalog.aspx>

Restorative Dentistry Professionalism & Participation

The Department of Restorative Dentistry follows NYCCT, CUNY and Dental Laboratory Technology industry standards in order to educate, develop, advance and guide future dental technology professionals, preparing graduates for workplace readiness. In order to successfully complete Restorative Dentistry courses, students must consistently participate in classes and meet deadlines as stated in course syllabus.

To successfully complete Restorative Dentistry curriculum the students are required to observe course instructor's demonstrations and complete all fabrication tasks under course instructor's supervision. Classes will begin promptly at the scheduled time. Laboratory demonstrations are usually conducted at the beginning of the session and cannot be redone for the convenience of a student who arrives late or is absent. When student is given instructor's permission to leave the class, the student will return to class in a reasonable time.

Students enrolled in RESD course must meet all course requirements as stated in course syllabus in order to pass it. RESD students must complete required assignments, tasks, projects and exams by specified due dates. Failure to submit or complete the assignment, tasks, projects or exam by specified due dates will result in a zero (0) grade and possible failure of the course. It is strongly advised that students are present for all classes during the semester including 30 laboratories and 15 lectures.

GRADING

Restorative Dentistry courses include didactic or didactic and laboratory sections which are graded accordingly. In didactic and laboratory sessions, the final grades will be computed based on grading included in course syllabus. Most courses are graded based on 60% of the laboratory and 40% of the lecture grades. Student must achieve a passing grade of at least 70% in the laboratory and at least 70% in the lecture sections of the course in order to receive the minimum passing grade of "C" for the entire course. Failure to meet the minimum of 70% average in either component of the course confirms that the student has not met the minimum requirements for successful completion of the course and a grade of "D" or "F" will be given based on student's performance in the failing section of the course. RESD student is required to repeat any RESD course for which he/she receives a grade below minimum of "C". For courses with laboratory and lecture components, the student needs to repeat both, the lecture and the laboratory sections, even though the score in one of the sections may have been greater than 70%.

RESD students will participate in the end of semester clean-up of the Restorative Dentistry dental laboratories. The date of final cleanup will be announced in advance. For students who are absent during final clean up, 5% of final grade will be deducted.

College grading scale

A	=	93-100%
A-	=	90-92.9%
B+	=	87-89.9%
B	=	83-86.9%
B-	=	80-82.9%
C+	=	77-79.9%
C	=	70-76.9%
D	=	60-69.9%
F	=	59.9% and below

SATISFACTORY PROGRESS

Students are expected to maintain 2.0 G.P.A. or higher in all classes. Students whose cumulative G.P.A. fall below the minimum 2.0 G.P.A. will be placed on academic alert or academic probation by the College. Students on academic probation may be subject to attempted credit restrictions which can affect progress in taking all courses needed for a semester. Failure to raise cumulative G.P.A. to the appropriate level could result in dismissal from the College.

Any students receiving a grade of "D" or "F" in a RESD courses will be required to repeat that course. RESD course may only be repeated once. Failure to satisfactorily complete a repeated RESD course will be considered failure to maintain satisfactory progress in the major and will result in dismissal from the major.

PROFESSIONALISM & ETHICS

1. Since practice of dentistry carries with it a high degree of responsibility, a mature, professional, and ethical conduct is expected of all students at all times (lecture & laboratory sessions, hybrid & online sessions, externship sites, professional events/seminars, etc.). Unprofessional behavior that shows inattentiveness and disrespect for others will be taken into consideration during the grading process. Points may be deducted at the discretion of any faculty member regardless of what course is in session. This includes incidents in the hallways, by lockers, or anywhere on NYCCT campus. Students will conduct themselves in a professional manner. No horseplay, offensive language, shouting or any other misconduct will be allowed.
2. Netiquette: Online Etiquette-Students will conduct their online posts and replies with respect for others, which include courtesy, dignity, and appropriate language at all times. Inappropriate behavior of any kind in online settings will not be tolerated and will negatively affect student's grade.
3. All faculty members will be addressed by their proper title.
4. Students are required to use proper dental terminology when discussing dental prosthesis.
5. Students are to have all required instruments and supplies when attending laboratory sessions.
6. Students are not permitted to do other students' work although assistance and teamwork are strongly encouraged.
7. All electronic devices must be turned off during all RESD classes unless otherwise specified by the instructor.
8. Each RESD student will be assigned a locker in the beginning of each semester and will vacate the locker by the last day of the semester. If the locker is not returned back in clean condition by the end of the semester, the locker will be broken by CLT. The student will not receive another locker the next semester.

9. Students should make arrangements to attend all department events and professional development seminars in which an invitation is extended. Students are strongly encouraged to attend events, professional development seminars and meetings sponsored by the department to elevate their knowledge, skills and understanding of the field of study.
10. Department offices and stock rooms contain sensitive and personal information, classroom materials, supplies and equipment, and should be used for official use only. Students and unofficial personnel should not be allowed in the department offices unless to fulfill official business.

DRESS, SUPPLIES & TEXTBOOKS

1. Laboratory smocks (lab coats) with Restorative Dentistry Department emblem must be worn at all times in the laboratory. Emblems are to be attached to the left breast pocket. Smocks must be clean and kept completely buttoned or tied when worn. Failure to wear smocks will necessitate students being barred from laboratory and marked absent.
2. Closed-toe shoes are required while working in the laboratory.
3. No hats/caps of any type are to be worn in the laboratories. *(Except for religious reasons)*
4. Students must purchase and have in their possession the required tools, supplies, PPE and textbooks by the 2nd week of scheduled classes. A list of all course materials will be available in the department's main office or in CLT's office. All personal tools should be clearly labeled with student's name.
5. Students should acquire required textbooks for each course and are expected to read assigned pages and review procedures *prior* to attending lecture and laboratory classes. The list of required textbooks will be listed in all course syllabi.
6. RESD students are responsible for their belongings at all times. Restorative Dentistry Department does not take responsibility for left over items.

HEALTH & SAFETY

1. No eating, drinking or smoking is permitted in laboratories or classrooms.
2. No electronic devices (i.e. phones, headphones, computers or tablets) will be permitted in the laboratories or classrooms unless requested for classroom use by the instructor.
3. No outerwear, shopping bags, attaché cases, luggage etc., are permitted in laboratories.
4. Bunsen burners when lit are a potential danger. Bunsen burners must be turned off when you leave your bench. Long hair and hair spray are flammable items. Pay particular attention to any Bunsen burner flame. Do not lean over the open flame.
5. Chucks must be securely placed onto bench engine shaft to avoid chuck flying off when engine is turned on.
6. Boiling water can result in serious burns. Extra caution should be taken when boiling out or using boiling water.
7. Burnout furnaces and porcelain furnaces are potentially dangerous. Tongs should be used when picking up hot casting rings or ceramic work.
8. Students with long hair must wear a hairnet or tie back their long hair to prevent accidental burning from Bunsen burners or other serious accidents. Hair can easily get caught in hand piece or lathe.
9. Safety eye glasses must be worn by all occupants of the laboratory while any procedures are being conducted that produce dust or airborne particles. Safety eye glasses with side shields may be obtained from a hardware store. They are essential to the students' safety.

10. Eye protection measures should be taken when working with curing lights, lasers, and heating or melting metal.
11. Proper mask (N95) should be worn when grinding metals, ceramics, and acrylics or when using materials creating dust.
12. Students not enrolled in a RESD course, from this and other departments, will not be permitted to visit during laboratory sessions.
13. Students will not use any equipment until demonstrated by the instructor.

HELPFUL INFORMATION ON HOW TO ACCESS AND NAVIGATE BRIGHTSPACE:

Visit the Student Welcome Center in the Library Building on the first floor to seek assistance with Brightspace setup, password, and access issues.

Visit the student computer lab in the General Building, sixth floor, room G600 and v-217. The phone number for the lab is (718) 254-8565.

Refer to "Student Brightspace" on the NYCCT website. To enter this site:

Access link: [Student Brightspace - Academic Technologies and Online Learning \(AtoL\)](#)

Brightspace tutorial - [Brightspace: Student Tutorial](#)

Click on "Quick Links"

Go to "Helpful Links" and click on "Academic Technologies and online Learning (AtoL)."

Click on "Instructional Technology Tutorials and Handouts"

Scroll down and click "Brightspace basics for students."

College provides numerous student Brightspace training sessions throughout the semester.

Use the description of the navigation of the Brightspace site

CLEANLINESS

1. Students must have a plastic place mat to protect bench top during laboratory sessions.
2. Students are required to clean-up working areas and equipment at the conclusion of any procedure. Timely clean-up is important to prepare the area for the next student and ensure equipment remains in working order. Especially important is that stone or investment is not allowed to harden in the sinks, in the mixing bowls or in contact with the equipment.
3. Each student is required to leave workstation spotless by removing all debris, papers, wax, plaster, etc. from drawers, work station tops and floors in the immediate vicinity of the seat before leaving. In addition, each student will be assigned responsibility for maintaining the cleanliness of an area used in common by all members of the class. Also, equipment such as duplicating flasks, articulators or any other equipment issued by the instructor must be returned clean and in good working condition (5% of final grade).
4. RESD students will participate in the end of semester clean-up of the laboratories that will be scheduled in the morning after the last working laboratory class. 5% of final grade will be deducted for students who will not show up for the final clean up.

GOALS AND OBJECTIVES FOR RESD 1111:

Upon successful completion of the course, the student should be able to:

1. List and describe all of the clinical and laboratory procedures for complete denture construction, including handling and treatment of impressions as related to blood borne infectious diseases, infection control.
2. List and describe the anatomical landmarks of the maxillae and mandible as they relate to full denture construction.
3. Fabricate custom trays for full denture impressions.

4. Bead, box, and pour final impression.
5. Construct occlusal rims according to prescribed measurements.
6. Articulate master casts on a simplex articulator.
7. Set-up a maxillary and mandibular opposing trial base dentures.
8. Festoon a maxillary and mandibular trial base denture for try-in.

GENERAL EDUCATION LEARNING OUTCOMES:

- 1) Independent quality assessment: develop independent ability to determine the quality of work performed with respect to patient needs as needed in overall healthcare administration process.
- 2) Manual dexterity: develop manual dexterity suitable for improving the quality of work required of dental auxiliary support devices.
- 3) Attention to detail: to focus on the details of future extended work integrated into the overall healthcare process.
- 4) Ethical consideration: to develop sincere ethical considerations for the treatment of patients with the elimination of discriminatory practices, which short change many of quality treatment.

EVALUATION CRITERIA - LECTURE SESSION

QUIZ	20%
MIDTERM EXAM	40%
FINAL EXAM	40%
Total	100%

****40% (40% OF FINAL GRADE)***

NOTE: There will be NO extra credit project or assignments included in the course.

All reading assignments listed are from the Air Force Pamphlet text. Additional reading assignments, and class oral presentations may be assigned by the instructor.

EVALUATION CRITERIA - LABORATORY SESSION

Model Work	6%
Custom Trays	9%
Occlusal Rims	15%
Articulation	5%
Anterior Tooth Alignment	12%
Posterior Tooth Alignment	26%
Occlusion	10%
Wax For Try-in	17%
Total Laboratory Grade	100%

****60% (60% OF FINAL GRADE)***

Final Weighted Grade

Weighted Final Lecture Grade	40%
Weighted Final Laboratory Grade	60%
Total	100%



NEW YORK CITY COLLEGE OF TECHNOLOGY
THE CITY UNIVERSITY OF NEW YORK
DEPARTMENT OF RESTORATIVE DENTISTRY

Prof. _____

Student Name: _____

RESD 1111 Fall 2024

Meeting Date/Time: 8:30AM - 11:00AM, 11:30 AM - 2:00 PM

E-MAIL:

COMPLETE DENTURE I LABORATORY GRADING SHEET/SCHEDULE

MODEL WORK: 6 PTS - (DUE: 9/10/2024) 4 Sessions		Total Possible Points	Total Points Earned
PRELIMINARY CAST	MASTER CAST		
Density (cast surface not easily scratched): 1pt	Density (cast surface not easily scratched): 1pt	2	
Bubble free, without air bubbles: 1 pt	Bubble free, without air bubbles: 1 pt	2	
Smooth surface: 1 pt	Smooth surface: 1 pt	2	

CUSTOM TRAYS: 9 PTS - (DUE: 9/24/2024) 4 Sessions		Total Possible Points	Total Points Earned
MAXILLARY	MANDIBULAR		
Proper Block-Out: 0.5pts	Proper Block-Out: 0.5pts	1	

Proper Application of Spacer: 0.5pts	Proper Application of Spacer: 0.5pts	1	
Tissue Stops Present: 0.5pts	Tissue Stops Present: 0.5pts	1	
Proper Application of Tray Material: 0.5pts	Proper Application of Tray Material: 0.5pts	1	
Proper Handle Position: 0.5pts	Proper Handle Position: 0.5pts	1	
Borders Finished 3mm Above Depth of Sulcus Areas: 0.5pts	Borders Finished 3mm Above Depth of Sulcus Areas: 0.5pts	1	
Borders Rounded/No Sharpness: 0.5pts	Borders Rounded/No Sharpness: 0.5pts	1	
Frenums Freed: 0.5pts	Frenums Freed: 0.5pts	1	
Clean Presentation: 0.5pts	Clean Presentation: 0.5pts	1	

OCCLUSION RIMS: 15 PTS		Total Possible Points	Total Points Earned
BASEPLATE/RECORD BASE - (DUE: 10/8/2024) 3 Sessions			
MAXILLARY	MANDIBULAR		
Proper Block-Out: 0.5pts	Proper Block-Out: 0.5pts	1	
Proper Application of Record Base Material: 0.5pts	Proper Application of Record Base Material: 0.5pts	1	
Cast Undamaged Upon Removal: 0.5pts	Cast Undamaged Upon Removal: 0.5pts	1	
ARTICULATION: 5PTS - (DUE: 10/29/2024) 3 Sessions		Total Possible Points	Total Points Earned
Borders Rounded/No Sharpness: 0.5pts	Borders Rounded/No Sharpness: 0.5pts		
Proper Articulation Setting (Pin set at Zero)	Frenums Freed: 0.5pts	1	
Frenums Freed: 0.5pts	Centered in Reference to Bonwill Triangle	1	
Proper Border Length: 0.5pts	Proper Border Length: 0.5pts	1	
Level Occlusal Plane		1	
WAX RIM - (DUE: 10/22/2024) 3 Sessions			
Proper Midline Position		1	
MAXILLARY	MANDIBULAR		
Clean Presentation/Smooth Plaster		1	
Anterior 22mm Height: 1pt	Anterior 22mm Height: 1pt	2	
Posterior 18mm Height: 1pt	Posterior 18mm Height: 1pt	2	
Anterior Width 6-8 mm: 1pt	Anterior Width 6-8 mm: 1pt	2	
Posterior Width 8-10: 1pt	Posterior Width 8-10: 1pt	2	
Cleanliness (No Dirty Wax): 0.5pts	Cleanliness (No Dirty Wax): 0.5pts	1	

ANTERIOR TOOTH ALIGNMENT: 12 PTS - (DUE: 11/12/2024) 4 Sessions		Total Possible Points	Total Points Earned
MAXILLARY	MANDIBULAR		
Proper Long Axis Inclinations: 1pt	Proper Long Axis Inclinations: 1pt	2	
Central & Canines On plane: 1pt	All Teeth on Same Plane: 1pt	2	
Canines Prominent at Cervical: 1pt	Canines Prominent at Cervical: 1pt	2	

Proper Anterior Flare: 1pt	Proper Anterior Flare: 1pt	2	
Follows Anatomical Arch Form: 1pt	Follows Anatomical Arch Form: 1pt	2	
Laterals 1mm Off Plane: 1pt		1	
Centrals 5-7mm In Front of Bisected Incisive Papilla: 1pt		1	

POSTERIOR TOOTH ALIGNMENT: 26 PTS - (DUE: 11/26/2024) 4 Sessions		Total Possible Points	Total Points Earned
MAXILLARY <i>Cusps on Proper Plane: .5 pt Proper Long Axis Inclinations: .5 pt Proper Flare (Buccal/Lingual): .5 pt</i>	MANDIBULAR <i>Cusp on Proper Plane: .5 pt Proper Long Axis Inclinations: .5 pt Proper Flare (Buccal/Lingual): .5 pt</i>		
1 st Premolar (Left & Right): 3pts	1 st Premolar (Left & Right): 3pts	6	
2 nd Premolar (Left & Right): 3pts	2 nd Premolar (Left & Right): 3pts	6	
1 st Molar (Left & Right): 3pts	1 st Molar (Left & Right): 3pts	6	
2 nd Molar (Left & Right): 3pts	2 nd Molar (Left & Right): 3pts	6	
Teeth Set Within Limits of Residual Ridge: 1pt	Teeth Set Over Crest of Residual Ridge: 1pt	2	

OCCLUSION: 10 PTS - (DUE: 12/3/2024) 4 Sessions	Total Possible Points	Total Points Earned
Occlusal Plane Does NOT Exceed Height of Retromolar Pad	1	
Occlusal Plane Level (No Visible Cant)	1	
Positive Curve of Spee & Wilson	2	
Proper Cusp-to-Fossa Relationship (Left & Right Sides)	2	
Occlusal Contact (Left & Right Sides)	2	
Anterior Over Jet & Over Bite (2mm or Less)	2	

WAX FOR TRY-IN: 17 PTS - (DUE: 12/17/2024) 4 Sessions		Total Possible Points	Total Points Earned
MAXILLARY	MANDIBULAR		
Distinct Buccal Gingival Margins: 1pt	Distinct Buccal Gingival Margins: 1pt	2	
Distinct Lingual Gingival Margins: 1pt	Distinct Lingual Gingival Margins: 1pt	2	
Necks of Denture Teeth Unvisible: 1pt	Necks of Denture Teeth Unvisible: 1pt	2	
Proper Anterior Root Eminence Lengths: 1pt	Proper Anterior Root Eminence Lengths: 1pt	2	
Proper Anterior Root Eminence Inclinations: 1pt	Proper Anterior Root Eminence Inclinations: 1pt	2	
Frenums Freed: 1pt	Frenums Freed: 1pt	2	
No Wax on Teeth: 1pt	No Wax on Teeth: 1pt	2	
Overall Cleanliness: 1pt	Overall Cleanliness: 1pt	2	
Smooth Palatal Vault: 1pt		1	

TOTAL	100	
-------	-----	--



NEW YORK CITY COLLEGE OF TECHNOLOGY
THE CITY UNIVERSITY OF NEW YORK
DEPARTMENT OF RESTORATIVE DENTISTRY

DIDACTIC COURSE OUTLINE

RESD 1111 - COMPLETE DENTURES I

Complete Dentures I Fall 2023– D305 & D309
Professor Oscar D. Galvis

CHANGES IN SCHEDULE: Tuesday - 10/15/2024 (NO CLASS)

Session 1: Introduction (9/03/24)

1. Course requirements
2. Criteria for evaluation
3. Safety rules and regulations
4. Anatomical changes associated with loss of teeth
5. Basic oral anatomy and terminology for complete dentures
6. Outline of complete denture construction, clinical and laboratory procedures
7. Work authorizations
8. Pouring preliminary casts
9. Stock trays and custom trays
10. Clinical impression materials
11. Separating, trimming and evaluating preliminary casts
12. Occlusal rims
13. Arch forms, tooth forms and face forms
14. Articulators

Session 2: Edentulous Anatomy/Preliminary Casts (9/10/24)

1. Identification of edentulous anatomical landmarks
2. Pronunciation and Spelling of anatomic landmark
3. Analyze the purpose of each anatomical landmark in regards to complete denture fabrication

Session 3: Custom Tray/Review (9/17/24)

1. Outline of cast for custom impression trays
2. Acrylic tray ,Vacuum formed, and Light Cure Custom Trays
3. Final impression materials
4. Beading and boxing
5. Pouring, final impressions
6. Separating, trimming and evaluating master casts

Session 4: QUIZ (9/24/24)

Content Accumulative Session 1-3

Session 5: Occlusal Rims (10/01/24)

1. stabilized base plate
2. measurements and contour (vertical dimension)
3. procedures for recording maxillo mandibular relations

Session 6: Articulators/Mounting (10/08/24)

1. straight line (hinge type non-adjustable)
2. semi-adjustable
3. fully adjustable
4. procedure for mounting casts
5. face bow application

Session 7: Classification Systems (10/22/24) (Informed of Mid-semester Grade)

1. Identify Angles Classification Systems
2. Define all classifications

Session 8: MIDTERM EXAM (10/29/24)

Content Accumulative Session 1-7

Session 9: Tooth Selection/Shade (11/05/24)

1. selection of anterior teeth
 - a. size, shape, color
 - b. esthetics, phonetics function
2. selection of posterior teeth
 - a. anatomical - 33 degrees
 - b. non-anatomical - 0 degrees
 - c. semi-anatomical - 20 degrees

Session 10: Anterior Maxillary Set-up (11/12/24)

1. Identify maxillary anterior teeth
2. Define & describe proper placement of teeth
3. Analyze set-ups to determine corrections to be made

Session 11: Posterior Occlusion (11/19/24)

1. factors of occlusion
2. condular guidance
3. cusp height
4. incisal guidance (overbite, overjet)
5. compensating curve (curve of spee)
6. occlusal plane
7. arranging the posterior teeth
8. balanced occlusion

Session 12: Mandibular Anterior set-up (11/26/24)

1. Identify mandibular anterior teeth
2. Define & describe proper placement of teeth
3. Analyze set-ups to determine corrections to be made
4. Creating proper contacts during excursions anteriorly
5. Identifying proper overbite/overjet relationships

Session 13: Festooning (12/03/24)

1. Define Festooning
2. List steps for wax characterization
3. Identify gingival anatomy
4. Understand all steps for wax characterization

Session 14: Review (12/10/24)

1. Review for Final Exam

Session 15: FINAL EXAM (12/17/24)

Content Accumulative Session 1-15

