

**NEW YORK CITY COLLEGE OF TECHNOLOGY
THE CITY UNIVERSITY OF NEW YORK**

**DEPARTMENT OF
RESTORATIVE DENTISTRY**

DEPARTMENT: DEPARTMENT OF RESTORATIVE DENTISTRY
COURSE CODE: RESD 2413
COURSE TITLE: Fixed Prosthodontics Practicum (Hybrid-Partially Online)

COURSE COORDINATOR: PROF. DANIEL ALTER email- dalter@citytech.cuny.edu

LECTURE INSTRUCTOR: PROF. Jules Balla email: email-JBalla@citytech.cuny.edu

LAB INSTRUCTOR: Prof. Avis Smith
Email-Asmith@citytech.cuny.edu
Office hours: Tuesdays 10:00am-12:00pm or by apt.

Prof. Jules Balla
email-JBalla@citytech.cuny.edu
Office hours: Mondays 7:30-8:30am; 11:30am-12:00pm &
5:00-6:30pm or by apt.

Prof. Paul Frederico
email-PFrederico@citytech.cuny.edu
Office hours: Wednesdays, 11:00-11:30am & 2:00-2:30pm or
by apt.

CONTACT INFORMATION: Office: A-601
Phone: (718) 260-5137
Fax: (718) 254-8557

Brightspace <https://brightspace.cuny.edu/>

COURSE DESCRIPTION: A practical application of the techniques and procedures learned in the basic or specialized courses previously studied. Applications of semi-precision dental attachments for specialized multi-unit bridgework combined with porcelain restorative materials are included. Actual impressions are used in all restorative dental cases in the classroom.

CLASS HOURS AND CREDITS: 3 Laboratory Hours; 1 Lecture Hour; 3 Credits

Updated 1/2024

NUMBER OF WEEKS: 15 Weeks

CURRICULUM LEVEL: Fourth Semester

PREREQUISITES: RESD 1212

COURSE REQUIREMENTS: Standard College and department regulation. Proper Uniform and Conformity to safety regulations

HYBRID PARTICIPATION: The Laboratory sessions will meet at the scheduled times and at the scheduled laboratory room. The Didactic sessions will be conducted as a partially online class. Online lectures, as per this outline, will be conducted in virtual classrooms located in Brightspace. The dates for online meetings are listed in the outline and will be posted in the Announcements on Blackboard. In addition to mandatory class discussions, class participants are expected to contribute regularly to the class. It is highly recommended to check the course's site on Brightspace at least three (3) times a week and not on the same day. I will log in at least 4 times a week and answer any questions and facilitate the discussion. If a student requires anything, please feel free to email or call.

**ASSIGNMENTS/ASSESSMENTS/QUIZES/EXAMS/POSTS SUBMITTED
PAST DUE DATES WILL RECEIVE A (0) GRADE AND WILL COUNT AS
AN ABSENCE FROM CLASS WITH NO RETAKE.**

TEXTBOOK: Brand, R. Isselhard, D. Anatomy of orofacial structures. (7th. ed.) St. Louis, MI: C.V. Mosby

Dental Laboratory technology: Fixed and special prosthodontics. (2005) Air Force Pamphlet 47-103, Vol. 2

REFERENCES: Dental Laboratory Technology: Fixed Restorative Techniques, John Sowter D.D.S., North Carolina Press

Dental Laboratory Manual – Air Force Manual, Dept. of the Air Force, Washington, D.C., 1991 Theory and Practice of Crown and Bridge Prosthodontics, Stanley Tylman D.D.S., C.V. Mosby Co., St. Louis, Mo.

Science and Technic of the Cast Restoration, George Hollenback D.D.S. C.V. Mosby Co., St. Louis, Mo.

Crown and Bridge Construction, Jelenko Co. Crown and Bridge Manual, Ney Co.

WEB REFERENCES:

- www.ada.org
- www.dentaladvisor.com
- www.dentalaegis.com/idt/
- www.lmtcommunications.com
- www.nadl.org/jdtunbound/archives/htm
- Electronic Journals at NYCCT Library. www.library.citytech.cuny.edu/

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>

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.

Updated 1/2024

NYCCT Participation & Lateness

Class participation are essential and excessive absences may affect the final outcome and grade. Courses with laboratory, clinical or field work may have specific participation 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 15 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

Updated 1/2024

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.

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 work station 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.

QUIZZES AND

EXAMINATIONS: Students are responsible for knowing all material covered in reading assignments, handouts, lecture and laboratory. Students are responsible for knowing information from reading assignments regardless of whether it has been covered during class sessions or not. There will be two examinations (midterm and final), one major quiz - each will be scheduled for one lecture session, as well as weekly discussion boards and Tech Talks, which are **10% each**, with the sum of **40% for the lecture grade. All exams and projects must be completed/taken on the due dates/exam dates. No make-ups will be available and a grade of (0) will be entered. Each week is comprised Sunday through Saturday and weekly discussions must be submitted no later than Saturday at midnight to count.**

ANNOUNCEMENTS: There will be at least 1 announcements from the Professor weekly, guiding you to what is expected during the beginning of the week. **Each week is comprised Sunday through Saturday.** These announcement are also listed below and in a chart form. **Please ensure that Brightspace has the correct email and you must check your emails regularly.**

OUTCOMES ASSESSMENT:	Laboratory:	Laboratory Projects	60%
A = 93-100%		Lecture: Quizzes	10%
A- = 90-92.9%		Mid-Semester Exam	10%
B+ = 87-89.9%		Final Exam	10%
B = 83-86.9%		Discussion Board & Tech Talks	10%
B- = 80-82.9%			
C+ = 77-79.9%			
C = 70-76.9%			
D = 60-69.9%			
F = 59.9 and below			

Updated 1/2024

CONTACT INFORMATION: Daniel Alter MSc, MDT, CDT
 OFFICE: A-601 - Hour Tues 11:00a.m.-12:00 p.m.
 PHONE: (718) 260-5154
 FAX# (718) 254-8557
 EMAIL DAAlter@citytech.cuny.edu
 COORDINATOR: Revised, Jan.. 2022 Daniel Alter MSc, MDT, CDT

LECTURE GRADING EVALUATION:

QUIZ 10 Pts.
 MIDTERM 10 Pts.
 FINAL 10 Pts.
 DISCUSSION BOARD/TechTalks/ ASSESSMENTS 10 Pts.

A minimum of (1) post in the beginning of each week answering the thread's question and at least (2) meaningful posts on other students' posts. Please be sure to respond to each comment on your post.

ONLINE ASSESSMENT RUBRIC (sample in syllabus)

SAMPLE DISCUSSION BOARD QUESTION					
Criteria	Unsatisfactory (1)	Satisfactory (2)	Good (3)	Excellent (4)	Score
Participation	Did not participate	Participated with 3 posts	Participated in multi-Posts & engaged in discussions	Participated in all posts and engaged and led discussions	
Writing	Heavy grammatical and spelling errors	Post used appropriate writing	Post in a manor acceptable to the discipline including proper terminology.	Post writing excellent utilizing appropriate terminology, grammar and spelling	
Relevance	Postings reflect no evidence of assigned readings	Somewhat unclear that readings were understood by incorporation into postings	Somewhat clear that readings were understood by incorporation into postings	Very clear that readings were understood by incorporation into postings	
Logical Development	Posting was not clear	Posting followed a logical sequence	Posting followed a clear and logical sequence	Posting followed a clear, compelling and logical sequence	
Scholarly sources	No Sources cited	1 source was cited	3 sources were cited	5 sources were cited	
Total:					

Updated 1/2024

GOALS & OBJECTIVES FOR ALL PRACTICUM COURSES:

At the conclusion of this course the student should be able to:

1. **Apply** the principles learned in the basic courses to practical cases.
2. **Carry** a Dentist's impression forward from master cast to a completed case ready for insertion by the dentist.
3. **Recognize** imperfections in the impression.
4. **Write** or **discuss** possible solutions to problems which may occur during fabrication of the prosthesis.
5. **Produce** a finished prosthesis at a level acceptable to a commercial laboratory.
- 6 **Fabricate** a fixed stress-breaking prosthesis
7. Display a **knowledge** and use of acceptable health, safety and infection control procedures.

General Education Student Learning Outcomes:

1. **Recognize** esthetic differences in teeth cross-culturally.
2. **Present** an oral presentation regarding a research topic to the classroom peers.
3. **Converse** using discipline specific vocabulary accurately.
4. **Read** and interpret professional scholarly journals

Assessment: The Professor will evaluate the students' achievement of the learning outcome by:

1. Giving multiple choice exams periodically throughout the semester.
2. Evaluate students learning outcomes through discussion boards and assignments online.
3. Evaluate practical exams with emphasis on the student's ability to communicate.
4. Evaluate comprehension through manual dexterity projects in the Laboratory.
5. Evaluate lab work utilizing rubrics.
6. Evaluate oral presentation on quality and content.

COURSE OUTLINE

RESD 2413 - DENTAL FIXED PROSTHODONTIC PRACTICUM

- I. GO OVER OUTLINE, INFECTION CONTROL, IMPRESSION
- II. POURING OF IMPRESSIONS, PINNING, TRIM.
- III. EVALUATING CASES AND CHOSING OPTIMAL RESTORATION. MARGIN CONSIDERATIONS, SPACE LIMITATIONS AND OPTIONS FOR RESTORATION
- IV. WAXING, SPRUING, INVESTING AND CASTING
- V. **QUIZ** during lecture Hour
- VI. PARALLEL ABUTMENTS AND STRESS BREAKER ATTACHMENTS
PLEASE REVIEW BOTH THE SLIDE SHARE AND VIDEO PRIOR TO POSTING <https://www.youtube.com/watch?v=q8YSTK0Cade>
https://www.slideshare.net/indiandentalacademy/non-rigid-connectors-in-fdp?qid=caf3a7b3-6207-4f07-8849-1388b461879d&v=&b=&from_search=21
- VII. FINISHING METAL FIXED PROSTHODONTICS, METAL POLISHING, JUNCTION AREAS IN APPROPRIATE LOCATION WITH MASTICATION FORCES.
- VIII. MIDTERM - ONE LECTURE HOUR
- IX. DENTAL TED TALKS- 5 STUDENT ARE ASSIGNED TO CREATE A 5 MINUTE VIDEO ON AN ASSIGNED TOPIC AND POST IN BLACK BOARD- ALL OTHER STUDENTS MUST WATCH VIDEO AND POST-- LEARNED REFLECTION-- ON THE DISCUSSION BOARD
- X. DENTAL TED TALKS-5 STUDENT ARE ASSIGNED TO CREATE A 5 MINUTE VIDEO ON AN ASSIGNED TOPIC AND POST IN BLACK BOARD- ALL OTHER STUDENTS MUST WATCH VIDEO AND POST-- LEARNED REFLECTION-- ON THE DISCUSSION BOARD
- XI. DENTAL TED TALKS-5 STUDENT ARE ASSIGNED TO CREATE A 5 MINUTE VIDEO ON AN ASSIGNED TOPIC AND POST IN BLACK BOARD- ALL OTHER STUDENTS MUST WATCH VIDEO AND POST-- LEARNED REFLECTION-- ON THE DISCUSSION BOARD

- XII. DENTAL TED TALKS-5 STUDENT ARE ASSIGNED TO CREATE A 5 MINUTE VIDEO ON AN ASSIGNED TOPIC AND POST IN BLACK BOARD- ALL OTHER STUDENTS MUST WATCH VIDEO AND POST-- LEARNED REFLECTION-- ON THE DISCUSSION BOARD
- XIII. CAPSTONE ASSIGNMENT- EACH STUDENT MUST WRITE A 2 PAGE CASE STUDY IMPLEMENTING ALL LEARNED OBJECTIVES DURING COURSE IN A LOGICAL AND COMPREHENSIVE SEQUENCE
- XIV. CAPSTONE ASSIGNMENT-EACH STUDENT MUST REPLY TO AT LEAST TWO OTHER STUDENT CASE STUDY AND MUST ENGAGE WITH DISCUSSION BOARD FOR THEIR CASE STUDY-MUST LOG INTO DISCUSSION BOARD (3) TIMES DURING THE WEEK
- XV. FINAL EXAM - ONE LECTURE HOUR

RESD 2413- FIXED PROSTHODONTICS PRACTICUM- COURSE CALENDAR

Topic	Assignments	Week of Dates
GO OVER OUTLINE, INFECTION CONTROL, IMPRESSION	Read over the syllabus/outline to become familiar with the course, grading, assessment and participation.	1/29
POURING OF IMPRESSIONS, PINNING, TRIM.	Discussion board/assignment. Each student must post and post to at least two students threads. You MUST log in 3 times a week to engage in discussions.	2/5
EVALUATING CASES AND CHOSING OPTIMAL RESTORATION. MARGIN CONSIDERATIONS, SPACE LIMITATIONS AND OPTIONS FOR RESTORATION	Discussion board/assignment. Each student must post and post to at least two students threads. You MUST log in 3 times a week to engage in discussions.	2/20
WAXING, SPRUING, INVESTING AND CASTING	Discussion board/assignment. Each student must post and post to at least two students threads. You MUST log in 3 times a week to engage in discussions.	2/26
QUIZ		3/4 - Meeting in Person to take the Midterm Exam
PARALLEL ABUTMENTS AND STRESS BREAKER ATTACHMENTS	https://www.slideshare.net/indian-dentalacademy/non-rigid-connectors-in-fdp?qid=caf3a7b3-6207-4f07-8849-1388b461879d&v=&b=&from_search=21, https://www.youtube.com/watch?v=q8YSTK0Cade	3/11
FINISHING METAL FIXED PROSTHODONTICS, METAL POLISHING, JUNCTION AREAS IN APPROPRIATE LOCATION WITH MASTICATION FORCES.	Discussion board/assignment. Each student must post and post to at least two students threads. You MUST log in 3 times a week to engage in discussions.	3/18
MIDTERM		3/25 – Meeting in Person to

Updated 1/2024

		take the Midterm Exam
DENTAL TED TALKS	5-6 students are assigned to create a 5 minute video on an assigned topic and post in black board- all other students must watch video and post-- learned reflection-- on the discussion board	4/1
DENTAL TED TALKS	5-6 students are assigned to create a 5 minute video on an assigned topic and post in black board- all other students must watch video and post-- learned reflection-- on the discussion board	4/8
DENTAL TED TALKS	5-6 students are assigned to create a 5 minute video on an assigned topic and post in black board- all other students must watch video and post-- learned reflection-- on the discussion board	4/15
Spring Recess	No class activity	4/22 & 4/30
CAPSTONE CASE STUDY	Each student must write a 2 page case study implementing all learned objectives during course in a logical and comprehensive sequence	5/6
CAPSTONE DISCUSSION	Each student must reply to at least two other student case study and must engage with discussion board for their case study-must log into discussion board (3) times during the week	5/13 Meeting in Person to for Review
FINAL EXAM		5/20 Meeting in Person to take the Final Exam

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

ALL PRACTICUM COURSES

LABORATORY OUTCOMES ASSESSMENT

**RESD-2413 Fixed Prosthodontics Practicum
Spring 2024**

NAME _____

MODEL AND DIES TOTAL 25pts.

Models/Articulation....5pts.

Bubble free models: 2

Proper model alignment: 2

Accuracy of final trim: 1

Pinning/cutting dies.....10 pts.

Pin position: 2

Accurate cut: 4

Ease of die removal: 2

Integrity of seat on die: 2

Trimming dies....10 pts.

Proper gross trim: 4

Accuracy of final trim: 6

WAXING AND CASTING TOTAL 40PTS.....40 pts.

Overall neatness: 8

Contours: 20

Embrasures: 2

Axial Inclinations: 2

Semi-precision attachment placement: 4

Occlusal clearance and design: 4

***CONTOURIGN, FINISHING*.....30 pts.**

Contouring, contacts, anatomy: 10

Fit to model, not rock and margins sealed: 10

Metal finishing & polishing: 10

**NEATNESS AND CLEANLINESS OF FINAL RESTORATIONS, MODELS AND WORK
AREA.....5 pts. (100 PTS. TOTAL)**

* QUALITY IS DEFINED AS THAT LEVEL OF COMPETENCE WHICH WILL BE
ACCEPTABLE TO A DENTIST AND WHICH IS REPRESENTATIVE OF THE LEVEL OF
PERFORMANCE OF A COMMERCIAL DENTAL LABORATORY. EVALUATION CRITERIA

Updated 1/2024

WILL MIRROR THAT OF RESD-1214 AND 2314 REQUIREMENTS.

EVALUATION & GRADING:

Laboratory Projects	60%
Exams and Reports	40%
TOTAL	100%

*** A STUDENT MUST ACHIEVE A MINIMUM PASSING GRADE OF AT LEAST 70% IN THEORY AS WELL AS LAB WORK TO FULFILL THE REQUIREMENTS OF THIS COURSE.**