

**Section 2: Your Courses**

Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
1. General Anatomy and Physiology	BIOL 1011	1. Describe the structure, function, and interrelationship among the muscular system, cardiovascular system, lymphatic system, immune system, respiratory system, urinary system, digestive system, and reproductive systems of the human body.	
		2. Explain the concept of homeostasis and homeostatic mechanisms with regards to all body systems.	
		3. Describe common disorders of the systems that relate to the denturism program.	
2. Orofacial Anatomy	DENT 1052	1. Recognize the importance of understanding the eruption chronology and anatomical features of the teeth.	
		2. Demonstrate in detail the interrelationships between structure and function of the various anatomical features.	
		3. Apply the knowledge of dental anatomy and its impact on the clinical practice of Denturism, patient examination and dental radiology.	
3. General Histology	BIOL 1008	1. Describe the general organization of the body at various levels of complexity.	
		2. Identify the basic structure and function of selected molecules and compounds.	
		3. Describe the human cell and types of cell division.	
		4. Explain the concepts of fluid and electrolyte balance and acid-base balance.	
		5. Identify and describe the four types of tissues.	
		6. Describe the structure of the skin and its appendages.	
		7. Describe the structure, function, and interrelationship among the nervous, endocrine, and skeletal systems.	
		8. Describe common disorders of the nervous, endocrine, and skeletal systems that relate to the denturism program.	
4. Microbiology and Infection Control	DENT 1105	Part One: Infection Prevention and Control	
		1. Describe the rationale for approved methods for the prevention of disease transmission for clients and dental health care providers including:	
		i. Standard infection prevention control procedures and Best Practices	
		ii. Disinfection and sterilization procedures	
		iii. Monitoring of sterilization procedures	
		iv. Personal protective equipment	
		v. Immunization	
2. Describe the accepted safety standards for infection prevention and control according to Occupational Health and Safety Regulations and Best Management Practices in a dental health care setting and dental laboratory setting.			



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
4. Microbiology and Infection Control	DENT 1105	Part Two: Microbiology	
		1. Explain Infection Prevention and Control as related to its clinical application in a dental health care practice and laboratory setting.	
		2. Identify and discuss the steps in the development, transmission and prevention of infectious microorganisms and emerging diseases of importance to the dental health care team.	
5. Dental Histology and Embryology	HIST 1003	3. Describe the microbiology of the oral cavity in health and disease.	
		1. Describe the development of the face, palate, tongue and teeth.	
		2. Describe the role of the dentist in the treatment of oral facial clefts.	
		3. Describe the formation, structure, function and age changes of the epithelial tissue, salivary glands, periodontal ligament, alveolar process, cementum enamel, dentin, dental pulp, tongue and the dentogingival junction.	
		4. Discuss the significance of the hard tissues of the tooth and the science of forensic dentistry.	
6. Periodontology	HIST 1003	5. Describe what changes take place in the alveolar process following: dental extractions, the wearing of a denture, a reline of a denture and during orthodontic movements.	
		1. Describe the tissues of the periodontium.	
		2. Distinguish among normal periodontal tissues in the mouth, variations in normal and pathological disease states.	
		3. Describe the etiology, clinical features, pathology and treatment modalities as related to the dentist for various gingival and periodontal diseases including the medically compromised patient.	
		4. Record accurately the results of a clinical examination of the periodontal tissues given a clinical scenario.	
		5. Assess radiographic indications of periodontal disease based on a patient's radiographic survey.	
7. Oral Pathology and Medicine	PATH 1004 DENT 2038 PATH 1020	6. Describe surgical periodontal procedures including the role of the dentist in implantology.	
		1. Develop a disciplined protocol to competently assess the oral and perioral areas with an understanding of the clinical significance of the pathologic abnormalities encountered by the clinician.	
		2. Differentiate the various etiological factors that may have created an identified abnormal state.	



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
7. Oral Pathology and Medicine	PATH 1004 DENT 2038 PATH 1020	3. Interpret the necessary role he/she contributes to the identification and management of the pathologic entity.	
		4. Evaluate the more widespread and/or systemic impact of some of the disease processes encountered in the clinical environment.	
		5. Describe the etiology, clinical manifestations, treatment options and management as well as the need for referral for various types of lesions, diseases and developmental variations encountered in the clinical environment.	
		6. Demonstrate an appreciation for the necessary role he/she contributes to the identification and management of the pathologic entity.	
		7. Describe the etiology, risk factors, pathophysiology, clinical manifestations & complications, therapeutic interventions, prevention & clinical implications for selected disorders.	
		8. Assess the significance of a presented medical history and how to successfully adapt the Denturism process of care through treatment planning, interprofessional collaborations, referrals and patient education.	
		9. Assess the commonalities between selected disorders.	
8. Dental Kinesiology (Biomechanics)	ANAT 1038	1. Describe the importance of understanding the anatomical features of the head and neck.	
		2. Demonstrate in detail the interrelationship between structure and function of the various anatomical features.	
		3. Explain how knowledge of the head and neck anatomy supports clinical practice, patient examination and dental radiology of the head and neck region.	
9. Dental Psychology	GSSC 2027	1. Recognize the oral implications for the aging population.	
10. Dental Psychology and the Aging Process	GSSC 2027	1. Explain the aging demographics in Canada and the impact of this growth on our society.	
		2. Compare normal developmental change and stability in personality across the lifespan with some personality and psychiatric disorders found in older people.	
		3. Critically examine personal and societal values regarding the aging process.	
		4. Compare the social support systems of the older persons including formal and informal support systems.	
		5. Analyze the changes of social and familial relationships during the aging process.	
		6. Relate the implications of elder abuse within the older adult population.	



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
11. Pharmacology and Emergency Care	PATH 1019 PATH 1020	1. Explain the basic principles of pharmacology.	
		2. Describe the body's response to injury, including inflammation and immunity.	
		3. Examine selected drug groups that may be prescribed in the treatment of oral conditions and their impact on denturism clinical practice.	
		4. Examine the indications for use, drug action, pathophysiological effects, adverse effects and oral considerations of selected pharmacological agents, and how denturism clinical practice is impacted.	
		5. Analyze the implications of the pathophysiology, etiology, clinical manifestations and complications, therapeutic interventions and preventative measures for selected disorders, and their impact on denturism clinical practice.	
		6. Create a comprehensive drug list that groups pharmacological agents based on their indications for use, physiological effects, significant adverse effects and major dental considerations.	
		7. Describe selected drug groups that may be prescribed in the treatment of oral conditions or that may complicate denturists' practice.	
12. Public Health, Legislation and Research Nutrition	NUTR 1112	1. Discuss the general factors related to good nutrition.	
		2. Identify a diet that meets the needs of a client following a dental procedure.	
		3. Implement strategies for client education regarding diet, nutrition and oral health information using the principles of nutritional counselling.	
13. Ethics and Professional Responsibilities	DENT 3023	1. Discuss the Regulated Health Professions Act, 1991, the Denturism Act 1991, Code of Ethics, the College of Denturists of Ontario Standards of Practice, Regulations, Quality Assurance Program, Sexual Abuse Prevention Plan, advertising regulations and other pertinent legislation including the privacy legislation impacting on the denturist's practice setting.	
		2. List a hierarchy of values which denturists can use in making ethical decisions about ethical issues and discuss three models of the dental profession according to Dr. D. Ozar:	
		i. the commercial model – dental care as a commodity	
		ii. the guild model – dental care as a privilege	
		iii. the interactive model – dental care as a partnership	
		3. Prepare and defend a dental dilemma under the following headings:	
i. identify an ethical dilemma in a clinical practice setting			



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
13. Ethics and Professional Responsibilities	DENT 3023	ii. demonstrate the ethical reflective process in critically examining the ethical dilemma	
		iii. demonstrate an ethical decision-making process in making a judgement about this ethical dilemma	
		iv. apply and analyze the profession's "Code of Ethics" with respect to its congruency with the profession's and community ethical principles.	
		4. Analyze ethical interactions among the dentist, dental technicians and other interprofessional relationships based on ethical issues found in journal articles and case scenarios.	
		5. Articulate good record-keeping skills as part of the denturist treatment planning and implementation as well as in preparation of a dental legal report.	
		6. Describe the current policy on infection control to be used by denturists, the need for professional liability insurance as well as membership in Ontario Denturist Association, Denturist Group of Ontario and Denturist Association of Canada, ethical issues impacting on the denturist profession such as AIDS, H1N1 and pandemic infections, SARS, amalgam toxicity, teeth bleaching, antisnoring devices, and professional stress.	
14. Small Business Management	BUS 3005	1. Define effective communication	
		2. Understand Financial Statements and Prepare Financial Projections	
		3. Identify human resource issues in operating a business	
		4. Implement an effective receivable collection program for a business	
		5. Utilize tools to coach counsel and motivate staff	
15. Practice Management	DENT 1139 BUS 3005	1. Implement the procedures in the clinic and laboratory to minimize the potential for cross-contamination and to maintain a safe practice environment.	
		2. Collect a health history, including vital signs, assemble and document appropriately in the health record.	
		3. Demonstrate the use of oxygen.	
		4. Explain proper emergency protocols in the denturism clinic.	
		5. Demonstrate interprofessional collaboration between dental hygiene and denturism	
		6. Plan an effective Marketing Campaign for a Denturist Practice	
		7. Create a Business Plan for a Denturist Practice	
		8. Utilize an Action Plan monitoring the results of the Business Plan	



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
16. Dental Materials	DENT 1135 DENT 1136	1. Explain the physical and chemical properties of the materials and products used for client care.	
		2. Select and discuss the proper dental material for a specific procedure and the optimal method of manipulation of each of the following products:	
		i. gypsum products (stone and plaster models)	
		ii. impression materials	
		iii. prosthetic materials	
		iv. waxes	
		v. abrasives	
		vi. acrylic and plastic materials	
		3. Explain how to manipulate and handle these materials describing techniques that elicit the best clinical/laboratory performance.	
		4. Recognize satisfactory and unsatisfactory characteristics of materials when prepared for clinical/laboratory use.	
		5. Identify the biohazard implications associated with those dental materials used in denturist client care.	
		6. Describe legislation governing the handling of hazardous substances.	
		7. Select and discuss the proper dental material for a specific procedure and the optimal method of manipulation of each of the following products:	
		i. Dental Acrylics	
		ii. Dental Abrasives	
		iii. Dental Polishing and Cleaning Agents	
iv. Porcelain and Metals			
v. Mouth guards			
17. Preclinical Proshetics	DENT 1025 DENT 1040	1. Recognize and apply the normal oral-facial anatomy and its implications as they relate to complete denture fabrication.	
		2. Construct custom trays and bite blocks related in the fabrication of complete dentures.	
		3. Explain and apply related laboratory tasks in the fabrication of complete upper and lower dentures in a bilaterally balanced occlusion.	



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
17. Preclinical Prosthetics	DENT 1025 DENT 1040	4. Safely manipulate the dental materials necessary for the fabrication of complete dentures.	
		5. Identify and safely operate all the equipment and tools used in the fabrication of complete dentures, their maintenance and sterilization/disinfection procedures in order to avoid cross-contamination.	
		6. Recognize unsafe use of dental lab machinery and tools.	
		7. Describe and discuss in reasonable detail all the laboratory tasks required to fabricate complete dentures.	
		8. Recognize and analyze the various concepts and types of denture occlusion employed in the construction of complete dentures.	
		9. Recognize some of the typical problems that can occur during the laboratory phase of complete denture construction and explain how to resolve these problems.	
18. Clinical Prosthetics	DENT 2015 DENT 2016 DENT 3004 DENT 1027 DENT 1041	1. Discuss prosthodontic theory relevant to each phase of complete denture fabrication.	
		2. Explain detailed procedure of each appointment in denture fabrication.	
		3. Describe and complete appropriate application of immediate dentures, relining, repair, soft lining procedures and varying occlusal schemes in a simulated environment.	
		4. Compose appropriate treatment plan for specific case study.	
		5. Apply knowledge of theorists and their contributions to the development of occlusal concepts in complete denture prosthodontics	
		6. Reflect on clinical case studies and appraise accepted treatment plans and outcomes	
		7. Explore research topics of interest in complete denture prosthodontics	
		8. Compare research on selected complete denture prosthodontics topic of interest	
		9. Infer conclusions from relevant topics of complete denture prosthodontics discussion.	
		10. Complete accurate health history for completely and/or partially edentulous clients with an appropriate treatment plan and predict a suitable prognosis.	
		11. Formulate an appropriate treatment plan and prognosis for an edentulous client, based on the intraoral assessment.	
		12. Construct dentures for completely edentulous clients, based on relevant criteria including post insertion care and reflective practice, appropriate to each skill level.	
		13. Provide adjunctive services, repairs and relines/rebases with adequate competency and make adjustments to the dentures as needed.	
		14. Fabricate a complete upper and lower denture independently for a summative exam patient and provide post-insertion care.	



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
18. Clinical Prosthetics	DENT 2015 DENT 2016 DENT 3004 DENT 1027 DENT 1041	15. Demonstrate safe operation all the equipment and tools used in the fabrication of complete dentures, their maintenance and sterilization/disinfection procedures in order to complete dentures, their maintenance and sterilization/disinfection procedures in order to avoid cross-contamination.	
		16. Explain and apply related laboratory tasks in the completion of tooth repairs, midline fractures and rebase as they relate to complete dentures and maintaining existing complete dentures.	
		17. Describe normal anatomical landmarks, perform a model analysis and interpret their significance as they apply to complete denture construction.	
		18. Recognize dental materials used for fabrication of complete dentures in due compliance with the manufacturer's instructions and follow all health and safety precautions.	
		19. Describe the relationship between clinical and laboratory procedures in the fabrication of complete dentures.	
19. Radiographic Pattern Recognition	DENT 2013	1. Interpret dental radiographs of diagnostic value including recognition of all intra-oral and extra-oral radiographic anatomy and restorative dental and foreign materials	
		2. Define, describe and recognize normal and abnormal radiographic signs on dental radiographs	
		3. Classify dental caries as viewed on dental radiographs	
		4. Classify periodontal conditions which appear on dental radiographs	
		5. Interpret pulpal and periapical lesions and recognize dental injuries on dental radiographs including use of cone beam radiography	
		6. Integrate radiographic interpretation into the treatment plan and implementation of care of patients in the clinical environment and in preparation for the provincial licensing examination and entry to practice.	
20. Removable Partial Dentures	DENT 2007 DENT 3004 DENT 1106 DENT 2009 DENT 3021	1. Identify and understand the necessary chronological clinical and laboratory processes that must be undertaken to fabricate removable partial dentures.	
		2. Examine how different repair and alteration techniques are utilized with removable partial dentures.	
		3. Analyze and illustrate the designs, applications and purposes of cast removable partial denture design theory.	
		4. Apply removable partial denture theory to the design and fabrication of cast and acrylic removable partial dentures.	
		5. Evaluate a cast framework extra-orally based upon its conformation to the established design.	
		6. Develop a dental chart based upon a case study that correctly identifies all necessary oral examination and assessment findings; in relation to the dental anatomy of the partially edentulous patient.	



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
20. Removable Partial Dentures	DENT 2007 DENT 3004 DENT 1106 DENT 2009 DENT 3021	7. Develop a record of appointments for a partially edentulous case study.	
		8. Formulate case appropriate treatment plans for the partially edentulous patient.	
		9. Complete accurate health history for or partially edentulous clients with an appropriate treatment plan and predict a suitable prognosis.	
		10. Fabricate dentures for partially edentulous clients based on relevant criteria appropriate to each skill level and provide post-insertion denture care for the patients at the appropriate skill level.	
		11. Provide adjunctive services, repairs and relines/rebases with adequate competency and make adjustments to the dentures as needed.	
		12. Apply removable partial prosthodontic theory to design and fabricate acrylic partial dentures for a variety of partially edentulous case studies.	
		13. Formulate an acrylic partial denture treatment plan for the partially edentulous patient.	
		14. Construct wrought wire clasps.	
		15. Complete a dental chart for a partially edentulous patient based upon an intraoral assessment.	
		16. Generate an appropriate treatment plan with support, acceptable alternate treatment options and a prognosis for a partially edentulous patient based upon an intraoral assessment and partial denture design theory.	
		17. Develop a case appropriate removable partial denture design for a partially edentulous patient.	
		18. Fabricate a cast partial denture for a partially edentulous patient.	
		19. Fabricate an immediate transitional acrylic partial denture.	
		20. Execute post-insertion and follow-up partial denture care for a partially edentulous patient.	
		21. Apply prosthodontic theory relevant to cast partial denture fabrication.	
		22. Apply prosthodontic theory relevant to acrylic partial denture fabrication.	
		23. Describe the concept and scope of lingualized occlusion in denture fabrication	
		24. Relate prosthodontic theory relevant to fabrication of mouthguards and bleaching trays	



Schedule	GBC Course(s)	Learning Outcomes	Your Course(s)
21. Dentures Over Implants	DENT 3020 DENT 3006	1. The history and bone biology of osseointegration	
		2. The impact of edentulism on function and quality of life	
		3. Patient preferences and expectations	
		4. Implant overdentures versus conventional dentures	
		5. Various implant systems and implant denture retention attachments	
		6. Treatment strategies & treatment planning for maxillary & mandibular overdentures	
		7. Surgical stents and provisional treatments prior to the construction of implant overdentures	
		8. The sequence of dental implant treatment for implant overdentures	
		9. Management & after care for implant prostheses	
		10. Ball attachment overdentures versus Locator attachment overdentures	
		11. Bar retained overdentures	
		12. Implant overdentures – troubleshooting	
		13. Emphasis will be placed on an interprofessional oral healthcare team approach, which includes the co-operation between the Denturist and Dentists and/or other oral healthcare professionals who can provide other necessary procedures beyond the scope of practice of a Denturist to safeguard the health and welfare of the public.	
		14. Integrate the need and use of dental implantology as a treatment option for patients with missing natural teeth within the scope of denturism.	
		15. Compare and contrast types of implant overdentures and recognize the suitability of each in the Denturist's practice	
		16. Observe applicable restorative practices through demonstration on a patient with dental implants in the mandibular arch and practice the same in a simulated environment	
		17. Complete various intermediate procedures as applicable to an implant-retained (tissue-supported) complete lower overdenture for a simulated patient with locator attachments	



Section 3: Form Submission

Please submit the completed form along with the QE Initial Application form and applicable fees by one of the following methods:

By Email: exams@denturists-cdo.com

Subject Line: Academic Assessment

By Fax: 416-925-6332

Attn: Qualifying Examination

By Mail:

Attn: Qualifying Examination

College of Denturists of Ontario

365 Bloor Street East, Suite 1606

Toronto, ON M4W 3L4

Please ensure that you provide all of the required information and documents with this request. Incomplete submissions will delay the assessment process.