

Study Guide

Universal Testing Services, LLC
Written Examination
for
Denturists

Dear Candidate,

Welcome to the Denturist profession!

This purpose of this Study Guide is to help you prepare for the Universal Testing Services, LLC Written Examination for Denturists (the “Examination”). It contains important information related to the administration of the Examination. As you may know, the Examination is used for purposes of licensing and is administered by the Universal Testing Services, LLC (UTS) on behalf of your state licensing board.

Please read the Study Guide carefully, and follow the instructions given. In addition to the pertinent information about before, during, and after the Examination, the Study Guide also provides you with a list of recommended reference materials and sample test questions that you may find useful for your studies.

To give you a brief overview, the Examination is comprised of two hundred forty (240) multiple-choice questions. Dichotomous scoring is used for grading the Examination, which means the answer options are either right or wrong. You will earn one (1) point for getting the question correct and you will earn zero (0) points for getting the question incorrect (wrong) or unanswered. It is up to your local licensing board to determine whether you pass or fail the Examination, and not the Universal Testing Services, LLC. For more information, please continue reading this Study Guide.

Should you have any questions, please contact your licensing board or UNIVERSAL TESTING SERVICES, LLC.

We wish you the very best in your journey to become a Denturist.

Sincerely,
Universal Testing Services, LLC

Universal Testing Services, LLC
145 East 12th Alley
Eugene, OR 97401

Table of Contents

No table of contents entries found.

Introduction

About the Universal Testing Services, LLC (UTS)

Universal Testing Services, LLC
145 East 12th Alley
Eugene, OR 97401

About the Study Guide

The purpose of this study guide is to help you, the “Candidate”, prepare for the *Universal Testing Services, LLC Licensing Examination for Denturists* (“Examination”) Use this opportunity to become familiar with some of the various question formats utilized on the Examination.

The study guide is not intended to represent the entire body of knowledge, nor does it present all possible types of questions and item-styles that may appear in the Examination. It is, however, a sample of typical items and item-styles used in the exam. Candidates are strongly advised to become familiar with these multiple-choice item-styles, and to use the guide to begin to learn how to handle this type of exam format.

This study guide does not provide the actual test questions contained in the Examination, but familiarizes you with the different question types and competency areas that will be tested. The questions are representative of the style and content of the questions used on the current Universal Testing Services, LLC Licensing Examination for Denturists and are based on the International Federation of Denturists, Baseline Competencies for Denturists (both from 1985 and current).

About the Licensing Examination

The *Universal Testing Services, LLC Licensing Examination for Denturists* is a proprietary Examination which is owned and copyrighted by the Universal Testing Services, LLC. This Examination is intended to provide one of many tools needed in a licensing process. It assists the state licensing board in their responsibility to identify entry-level professionals whose knowledge and clinical skills meet or exceed basic expected professional standards. The Examination is practice-based, meaning that you will be expected to understand and apply, analyze and evaluate experiences in your everyday professional work. You will be required to:

- Transfer knowledge
- Show comprehension of material and processes
- Demonstrate standard processes
- Explain concepts or ideas
- To determine an answer, you must be able to implement a process or steps of a process, make something function, or change a working system
- Critically think and demonstrate reasoning ability
- Integrate new or given information with known information or processes
- Make decisions or provide judgments

Each Examination question will provide a scenario or information to consider and apply knowledge of processes, relationships, etc., to solve a problem or devise a solution in the given situation. Examination questions are drawn from, and referenced to the recommended reference materials in this study guide.

Preparing for the Examination

In most jurisdictions, you will be expected to have a certain level of proficiency in order to pass a competency exam. It has been demonstrated that you can gain the necessary knowledge and experience to become a successful denturist by participating in an active practice/clinic in conjunction with your studies.

Your state licensing board utilizes the Universal Testing Services, LLC Written Examination for Denturists from the Universal Testing Services, LLC (UTS). Examination questions will change over time. All Examination questions have been evaluated for appropriateness. Use the IFD baseline competencies, recommended reading materials, and educational experience you've gained, with an eye toward **career focus** rather than **exam focus**.

Examination Composition

This Examination was developed by practicing professionals in the denturist field. These individuals volunteered their time and expertise to this project. The Examination consists of two hundred forty (240) multiple-choice and true and false questions (also known as "items"). Questions from each competency area are included in the Examination form. This requires Candidates to answer questions from each of the twenty three (23) competency areas. Please refer to the Competency Model included in this study guide.

Before the Examination

Non-Discrimination

No Candidate shall be denied the ability to sit for the licensing Examination because of age, sex/gender, sexual preferences, marital status, religious preference, nationality, race or physical disability.

Special Accommodations

UNIVERSAL TESTING SERVICES, LLC is committed to complying with the *Americans with Disabilities Act of 1990* ("ADA"). To request special accommodations, a Candidate may contact UNIVERSAL TESTING SERVICES, LLC to obtain an Accommodation Request Form. A Candidate must submit the complete Accommodation Request Form along with the required supporting documentation prior to scheduling an Examination appointment. UNIVERSAL TESTING SERVICES, LLC will conduct an individualized assessment of each request for special accommodations based upon the documentation submitted by the Candidate in accordance with the Accommodation Request Form requirements. The special

accommodations assessment period is typically sixty (60) days. UNIVERSAL TESTING SERVICES, LLC will then notify the Candidate whether his/her special accommodations request has been approved or denied. The Candidate then may schedule and pay for his/her Examination appointment.

Under the ADA, UNIVERSAL TESTING SERVICES, LLC is not required to provide accommodations that would fundamentally alter what the Examination is intended to test; jeopardize Examination security; or, result in an undue burden.

Verifying a Test-Taker

The state licensing board determines Candidate eligibility to take the Examination. Following the licensing board's determination of the Candidate's eligibility, the Candidate will be contacted by the UNIVERSAL TESTING SERVICES, LLC to determine what form the Candidate will take the examination, schedule and pay for his/her Examination appointment. Paperwork and this Study Guide will be made available to the Candidate.

It is important to note that the Candidate's paperwork and requirements are verified by UNIVERSAL TESTING SERVICES, LLC before the Candidate may schedule an Examination appointment. The verification period is approximately 5 business days from the time the state submits documentation.

Scheduling an Examination Appointment

The UNIVERSAL TESTING SERVICES, LLC will contact the candidate to schedule the exam. The options are 1) take the exam at the next state conference or, 2) have the exam scheduled at a learning center or community college and the UNIVERSAL TESTING SERVICES, LLC will coordinate with the learning center to send the link to the exam to the testing center. At this time, the candidate will pay the fee for the exam. If option one is chosen, the fee is \$350. If option 2 is chosen, the fee is \$350 plus any fees for taking the exam at that facility. The candidate will have to pay the facility directly. The fee is paid at the time of scheduling.

Rescheduling an Appointment

1. A Candidate may reschedule his/her Examination appointment more than 5 business days before the appointment date at no charge.

2. A Candidate may reschedule his/her Examination appointment 3 to 1 business days before the appointment date by contacting UNIVERSAL TESTING SERVICES, LLC and submitting an additional \$75.00 rescheduling fee.

3. A Candidate may not reschedule his/her Examination appointment on the Examination date. This is considered a no-show, and the Candidate forfeits their Examination fee.

Cancellations

1. A Candidate may cancel his/her Examination appointment for a full refund of \$350.00 if the Candidate makes the cancellation more than 5 business days before the appointment date.
2. A Candidate may cancel his/her Examination appointment for a partial refund if the Candidate makes the cancellation 5 to 3 business days prior to the appointment date. The Candidate must contact UNIVERSAL TESTING SERVICES, LLC to cancel and to receive a partial refund of \$150.00 unless the tablet has already been shipped to a facility.
3. A Candidate may not cancel his/her Examination appointment on the Examination date. This is considered a no-show, and the Candidate forfeits their Examination fee.

No-Shows

A Candidate who fails to appear for his/her scheduled Examination appointment will not receive a refund.

The Examination

Identification

In order to be admitted to the testing center, the Candidate **must** bring the following two (2) items with them to the testing center for their Examination appointment.

There will be no exceptions.

1. **Photo identification;** and

- *Acceptable photo identification:* A government-issued identification card or driver's license, passport, or military identification.

2. **Second form of identification;** and

- *Acceptable second form of identification:* either a second form of government-issued identification, major credit card (i.e. Visa®, MasterCard®, or American Express®), check cashing card, or bank debit card.

*Please note that a Social Security Card is **not** an acceptable form of identification.*

The Candidate should arrive at the testing center up to 15 minutes early and provide the proctor at the testing site or center with his/her two (2) valid forms of identification.

Taking the Examination

There are two hundred forty (240) multiple-choice questions on the Examination. Candidates will be given four (4) hours with a 10 minute break, to complete the Examination.

The Examination utilizes dichotomous scoring, meaning the answer selections are either right or wrong.

- The Candidate will earn one (1) point for getting the question right (correct).
- The Candidate will earn zero (0) points for getting the question wrong (incorrect) and/or not answering the question.

Examination Security

Candidates are at all times to maintain a professional attitude toward other Candidates, proctors, and other Examination personnel. In UNIVERSAL TESTING SERVICES, LLC's sole discretion, conduct that is, or results in, a violation of security or disrupts the administration of the Examination may result in immediate disqualification and ejection from the Examination. Such conduct includes, but is not limited to, cheating, failing to follow all rules and instructions governing the administration of the Examination, or otherwise compromising the security or integrity of the Examination. Test aids (i.e. formula sheets) are not permitted. Children will not be allowed to accompany Candidates into the testing center.

- Additionally, Candidates may **not** bring:
- Tobacco products, food, drinks, chewing gum, notes, scrap paper, books, purses, briefcases, backpacks, hats, calculators, or **cell phones or other internet connected devices** into the testing center.
- No smoking, eating, or drinking is allowed in the testing center.
- Any Candidate that brings unauthorized materials will be asked to surrender all Examination materials and to leave the testing center without a refund.
- Once Candidates have been seated and the Examination begins, Candidates may only leave the Examination center to use the restroom, and only after obtaining permission from the proctor. Candidates electing to use the restroom during the Examination will not receive extra time to complete the Examination.

UNIVERSAL TESTING SERVICES, LLC owns all proprietary rights and interests of the Examination, including but not limited to copyright, trade secret, and/or patented information, as well as all Examination materials, including but not limited to, the Study Guide, the Examination, and the answer key to the Examination.

The Examination is confidential. It will be made available to the Candidate, solely for the purpose of assessing the Candidates' proficiency level for denturists. To protect the integrity of the Examination, Candidates are prohibited from disclosing the contents of this Examination, including, but not limited, to questions, form of questions, or answers, in whole or in part, in any form or by any means (i.e. verbal, written, electronic) to any third party for any purpose. Copying or communicating Examination content is prohibited and may result in the cancellation of Examination results.

UNIVERSAL TESTING SERVICES, LLC will notify the licensing board of any known Examination security violations and if UNIVERSAL TESTING SERVICES, LLC has the ability, will provide the licensing board with a recommended course of action.

After the Examination

Upon completion of the Examination, the Candidate will receive a “Test Completion” message. Candidates will receive Examination results from the Universal Testing Services, LLC and to the licensing board.

Examination Scoring

The Examination is comprised of two hundred forty (240) test questions (items). Test-takers will receive a score based upon their performance on two hundred forty (240) scored items. This Examination utilizes dichotomous scoring, meaning the answer selections are either right or wrong. The Candidate will earn one (1) point for getting the question right (correct). The Candidate will earn zero (0) points for getting the question wrong (incorrect) and /or not answering the question. In our research we found this scoring method to not only be the standard for healthcare Examinations but for competency exams as a whole.

A score report will be provided to the state licensing board. It is up to the licensing board to determine if you pass or fail, not the Universal Testing Services, LLC. All inquiries regarding the status or results of your Examination should be directed to the state licensing board, not to the Universal Testing Services, LLC.

The Universal Testing Services, LLC is permitted to share performance information with Candidates.

Results

The licensing board will contact the Candidate with the Examination results. All inquiries regarding the status or results of the Examination should be directed to the state licensing board.

Re-Takes

If a Candidate does not pass the Examination, he/she may be eligible to schedule another Examination appointment. Candidates should check with their licensing boards for details. For re-takes, the Candidate must pay the Examination fee of \$350.00 at the time of scheduling.

Score Verifications

There is no appeal process through UNIVERSAL TESTING SERVICES, LLC for challenging individual Examination questions or results.

Recommended Reading Material

These textbooks and practical experience are essential to your training. Be aware that no single publication or resource contains all the information you will need to learn. The vocabulary and concepts that are presented in these materials are important to your ongoing success in the profession. The hands-on experience you will get by actively working in a practice/clinical setting will help you to understand and apply the material presented. It is important to regularly discuss these concepts with your sponsor or mentor, especially any material you find difficult.

This Examination is “practice-based”, meaning that you will be expected to understand and apply the information from these textbooks in your everyday professional work. Examination questions are drawn from, and referenced to the recommended reference materials in the study guide, not just the UNIVERSAL TESTING SERVICES, LLC Review Study Course. In addition, Examination questions will change over time. All Examination questions have been evaluated for appropriateness.

Anatomy & Physiology

Anatomy & Physiology (Eighth Edition)

By: Kevin Patton & Gary Thibodeau

Published by: Elsevier, 2013

ISBN: 978-0-323-08357-7

Microbiology & Infection Control

Infection Control and Management of Hazardous Materials for the Dental Team (Fourth Edition)

By: Chris H. Miller & Charles John Palenik

Published by: Mosby, 2010

ISBN: 978-0-323-05631-1

Oralfacial Anatomy & Biomechanics

Anatomy of Orofacial Structures (Seventh Edition)

By: Brand & Isselhard

Published by: Mosby, 2003

ISBN-13: 978-0-323-01954-5

ISBN-10: 0-323-01954-4

General Histology, Dental Histology and Embryology

Dental Embryology, Histology, and Anatomy-Illustrated (Third Edition)

By: Mary Bath-Balogh & Margaret J. Fehrenbach

Published by: Elsevier, 2011

ISBN: 978-1-4377-1730-3

Periodontology

Periodontology for the Dental Hygienist- (Fourth edition)

By: Dorothy A. Perry & Phyliss L. Beemsterboer

Published by: Saunders, 2007

ISBN- 13: 978-1-4160-0175-1

ISBN-10: 1-4160-0175-1

Oral Pathology & Medicines

Oral Pathology for the Dental Hygienist (Sixth Edition)

By: Olga Ibsen & Joan Phelan

Published by: Elsevier, 2014

ISBN- 978-1-4557-0370-8

Dental Materials

Dental Materials: Properties and Manipulation (Tenth Edition)

By: John M. Powers & John C. Wataha

Published by: Elsevier, 2013

ISBN #978-0-323-07836-8

Radiographic Pattern Recognition

Dental Radiography Principles and Techniques (Fourth Edition)

By: Joen M. Iannucci & Laura Jansen Howerton

Published by: Elsevier, 2012

ISBN: 978-1-4377-1162-2

Sociology

Seeing Sociology: An Introduction

By: Joan Ferrante

Published by: Wadsworth, 2011

ISBN: 978-0-495-60485-3

Dental Psychology & the Aging Process

Toward Healthy Aging-Human Needs & Nursing Response

By: Theris A. Touhy & Kathleen Jett

Published by: Elsevier, 2012

ISBN: 978-0-323-07316-5

Pharmacology

Applied Pharmacology for the Dental Hygienist (Sixth Edition)

By: Elena Bablenis Haveles

Published by: Mosby, 2011

ISBN-13: 978-0-323-06558-0

Public Health, Legislation and Research

Community Oral Health Practice for the Dental Hygienist

By: Kathy Voigt Geurink

Published by: Elsevier, 2012

ISBN: 978-1-4377-1351-0

Pre-Clinical Prosthetics

Prosthetic Treatment of the Edentulous Patient

By: R.M. Basker, J.C. Davenport & J.M. Thomason

Published by: Wiley-Blackwell, 2011

ISBN: 978-1-4051-9261-3

Prosthodontic Treatment for Edentulous Patients

By: Zarb, Hobkirk, Eckert & Jacob

Published by: Elsevier, 2013

ISBN: 978-0-323-07844-3

Nutrition

The Dental Hygienist's Guide to Nutritional Care (Fourth Edition)

By: Cynthia A. Stageman & Judi Ratliff Davis

Published by: Saunders, 2010

ISBN: 978-1-4160-6398-8

Clinical Prosthetics

Prosthodontic Treatment for Edentulous Patients (Thirteenth Edition)

By: Zarb, Hobkirk, Eckert and Jacob

Published by: Elsevier, 2013

ISBN: 978-0-323-07844-3

Speech & Communication

Communication Skills for the Healthcare Professional

By: Laurie Kelly McCorry & Jeff Mason

Published by: Lippincott Williams & Wilkins, 2011

ISBN-13: 978-1-58255-814-1

ISBN-10: 1-58255-814-0

English Composition

Thinking Critically (Tenth Edition)

By: John Chaffee

Published by: Wadsworth, 2012

ISBN-13: 978-0-495-90881-4

ISBN-20: 0-495-90881-9

Clinical Prosthetics

Prosthodontic Treatment for Edentulous Patients (Thirteenth Edition)

By: Zarb, Hobkirk, Eckert and Jacob

Published by: Elsevier, 2013

ISBN: 978-0-323-07844-3

Medical Emergency Care

Medical Emergencies in the Dental Office (Sixth Edition)

By: Stanley F. Malamed

Published by: Mosby, 2007

ISBN-13: 978-0-323-04235-2

Dental Psychology

Behavioral Sciences for Dentistry

By: Gerry Humphries & Margaret S. Ling

Published by: Churchill Livingstone(Elsevier)

ISBN: 0-443-051090-9

Removable Partial Dentures

Removable Partial Dentures: A Clinician's Guide

By: John D. Jones & Lily T. Garcia

Published by: Wiley-Blackwell, 2009

ISBN: 978-0-8138-1706-4

Ethics, Legal and Professional Relationships

Legal and Ethical Issues in Health Occupations (Second Edition)

By: Tonia Dandry Aiken

Published by: Saunders, 2009

ISBN: 978-1-4160-2262-6

Denture Over Implants

Dental Implant Prosthetics

By: Carl E. Misch
Published by: Elsevier, 2005
ISBN-13: 978-0-323-01955-2
ISBN-10: 0-323-01955-2

Small Business Management
Small Business Management –Entrepreneurship and Beyond (Fifth Edition)
By: Timothy S. Hatten
Published by: South-Western, 2012
ISBN-13: 978-0-538-45314-1
ISBN-10: 0—538-45314-1

Practice Management for the Dental Team (Seventh Edition)
By: Betty Ladley Finkbeiner & Charles Allen Finkbeiner
Published by: Mosby, 2012
ISBN-978-0-323-06536-8

Dental Laboratory Technology
Basic Sciences, removable Prosthodontics, and Orthodontics
Air force Pamphlet 47-103
Volume 1

Competency Model

The Examination content is determined by the following competency model, the International Federation of Denturists baseline competencies. The content and weighting of the competency model was based on input by professionals in the field who identified the most important knowledge, skills and abilities necessary for safe and effective practice by an entry-level dentist.

General Anatomy and Physiology	3%
Orofacial Anatomy	7%
General Histology	2%
Dental Histology and Embryology	2%
Periodontology	2%
Microbiology and Infection Control	6%
Pathophysiology (Medicine)	10%
Radiographic Pattern Recognition	1%
Biomechanics (Dental Kinesiology)	1%
Dental Psychology	1%
Gerontology	2%

Nutrition	2%
Pharmacology	2%
Pre-Clinical Prosthetics	10%
Prosthodontic Clinical Prosthetics/Theory and Application	20%
Removable Partial Dentures	8%
Implant Retained Supported Overdentures	7%
Dental Materials	7%
Community Oral Health for the Denturist	1%
Small Business Management	1%
Ethic, Jurisprudence and Professional Relationships	3%
Practice Management	1%
Emergency Care	<u>1%</u>
Total	100%

Sample Test Questions

How to Analyze and Correctly Answer Exam Questions

The *Universal Testing Services, LLC Licensing Examination for Denturists* emphasizes practice-based knowledge, rather than just simple memorization of facts. It assumes that the facts have been memorized and that the minimally qualified Candidate understands and knows how to apply those facts.

Here, three sample test questions are dissected to show the knowledge and logic that must be utilized to arrive at the correct answer. Please use this exercise to answer the sample questions and remember the process when you sit for the actual Examination.

Example 1:

Why would you place a tissue conditioner an immediate denture?

A: It makes the patient happy.
B. It is a temporary liner to make the denture fit better.*
C. It makes the inside of the denture soft.
D. It changes the bite.

Immediately eliminate "D". The bite was established when you made the denture.

"C" is attractive because it does make the inside soft but that is not the specific reason for a tissue conditioner.

Choice "A" is also attractive because we always want to make the patient happy.

This leaves "B" as the only correct answer.

Example 2

- What is the number of the upper left lateral?
- A. 8
B. 15
C. 10*

To answer this question you need to know the tooth numbering system. If you do you will recognize that "D" is a tooth on the lower ridge. "C" is the correct answer.

D. 22

Example 3

The reason only reason for placing implants is they hold the denture in place. True or False

The answer is false. The implants also help maintain bone. The body continues to build bone around the implant screw.

This is a perfect example of what is meant by a “practice-based” question.

Frequently Asked Questions (FAQs)

- **How many questions are on the Examination?**
The Examination is comprised of two hundred forty (240) multiple-choice and true and false items.
- **How much time is given for the Examination?**
Two hundred and forty (240) minutes, four (4) hours are allowed to complete the Examination from the time it starts.
- **How will the exam be scored?**
The Examination utilizes dichotomous scoring, meaning the answer selections are either right or wrong. The test-taker will earn one (1) point for getting the question correct. The test-taker will earn zero (0) points for getting the question wrong (incorrect) and or not answering questions. In our research we found this scoring method to not only be the standard for healthcare exams but for competency exams as a whole.
- **What is an MQC?**
MQC stands for Minimally Qualified Candidate. The MQC is a conceptualization of the Candidate that possesses the minimum baseline knowledge and skills to just meet expectations of a licensed individual.
- **Who decides if a Candidate passed the Examination?**
It is up to the state licensing board to determine if the test-taker passed or failed the Examination. The Universal Testing Services, LLC is permitted to share performance information with Candidates but not to determine if they qualify for licensure
- **What is the passing score?**
Candidates will receive a score based upon their performance on the overall examination. According to UNIVERSAL TESTING SERVICES, LLC, if the Candidate score is at or above the passing score, the Candidate passes the test. If the Candidate score is below the cut score, the Candidate fails the test, according to UNIVERSAL TESTING SERVICES, LLC. UNIVERSAL TESTING SERVICES, LLC provides the licensing board with a recommended passing score, but ultimately, *the licensing board is responsible for making the licensure decision of the Candidate and for communicating the Candidate's Examination result.*
- **What is a cut score?**
The minimum score required to pass the Examination. Cut score can be expressed as a raw score, a percent score, or a scaled score. UNIVERSAL TESTING SERVICES, LLC used a modified Angoff standard setting study to determine an appropriate cut score for this operational form.

- **When will the UNIVERSAL TESTING SERVICES, LLC Study Review course be available?**

At this time, UNIVERSAL TESTING SERVICES, LLC is working on creating the UNIVERSAL TESTING SERVICES, LLC Study Review course. A product release date has not been determined at the time of the publication of this Study Guide.

- **Which U.S. states are currently using the UTS written licensing assessment?**

1. Oregon

- **What textbooks and reference materials are recommended for this Examination?**

A list of recommended reference material is listed in this study guide.

- **What should I study?**

You should be able to understand and apply all of the concepts in the IFD competency model. This Examination tests your ability to apply the theory taught in the textbooks to real-life patient scenarios. Every question on this Examination is referenced to one of the books listed as “Recommended Reference Material” in the study guide.

- **Can I appeal my Examination result?**

There is no appeal process through UNIVERSAL TESTING SERVICES, LLC for challenging individual Examination questions or results.

QUESTIONS REGARDING THE EXAMINATION SHOULD BE DIRECTED TO:

info@universaltestingservices.com