

Dental Lab Technician

Program Description:

Students prepare for employment in dental laboratories, fabricating orthodontic appliances, complete and partial dentures, and gold or porcelain crowns and bridges. The curriculum complies with American Dental Association guidelines and is the only fully accredited ADA dental lab technician program in Washington State. Instructors of this program are certified, dental technicians.

For program costs and fees refer to the catalog TUITION AND FEES PAGE.

Program Learning Outcomes:

1. Fabricate complete denture prostheses (removable)
2. Use work practices and safety protocols that promote a safe and sanitary environment
3. Apply general laboratory techniques to prepare and evaluate impressions and casts
4. Fabricate a variety of orthodontic appliances
5. Fabricate custom impression trays, baseplates and bite rims
6. Practice within the legal and ethical framework of the profession
7. Collect diagnostic treatment data
8. Fabricate partial denture prostheses to advanced competency standards
9. Fabricate fixed Crown & Bridge prostheses to advanced competency standards
10. Fabricate fixed porcelain-to-metal prostheses to advanced competency standards
11. Demonstrate business practices and procedures appropriate to managing or owning a dental laboratory business

Dental Lab Technician AAS (115 credits) previously listed as 124 credits

Required Courses

DENLB101	Introduction to Dental Lab Technology	2
DENLB102	Dental Anatomy I	3
DENLB103	Dental Materials I	3
DENLB104	Denture Processes I	4
DENLB105	Denture Processes II	4
DENLB106	Dental Anatomy II	2
DENLB107	Denture Processes III	4
DENLB108	Denture Processes IV	3
DENLB110	Introduction to Orthodontics	3
DENLB111	Ortho Appliances – Fixed	3
DENLB112	Ortho Appliances – Removable	3
DENLB120	Removable Partial Dentures I	3

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DENLB121	Removable Partial Dentures II	3
DENLB122	Removable Partial Dentures III	4
DENLB123	Removable Partial Dentures IV	3
DENLB201	Tooth Morphology Practicum	5
DENLB202	Dental Materials II	2
DENLB203	Fixed Prosthodontics I	5
DENLB204	Principles of Occlusion	2
DENLB205	Fixed Prosthodontics II	5
DENLB206	Ceramics I	2
DENLB207	Understructure Design	5
DENLB208	Ethics, Jurisprudence and Laboratory Managem	3
DENLB209	Ceramics II	5
DENLB211	Ceramics III	4
DENLB212	Computer Aided Design/Computer Aided Manuf	5

One of the below choices is required (previously listed as required)

DENLB124	Advanced Dentures	3
DENLB125	Advanced Orthodontics	3
DENLB126	Advanced RPDs	3

One of the below is required (previously listed as required)

DENLB214	Advanced Crown and Bridge	3
DENLB215	Advanced Dental Ceramics	3

Choose from below

DENLB213	Advanced Technologies	4 previously listed as required
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or

DENLB296	Work-based Learning Seminar	1
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and

DENLB297	Work-based Learning Experience	3
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General Education Requirements

Communications

5 credits required

ENGL175

ENGL&101 ENGLISH COMPOSITION I

Humanities/Social Sciences/Natural Sciences/Other 5 credits required

BIOL&160 GENERAL BIOLOGY

BIOL&175 HUMAN BIOLOGY WITH LAB

BIOL&241 ANATOMY & PHYSIOLOGY I

BIOL&242 HUMAN A&P II

BIOL&260 MICROBIOLOGY

CHEM&121 INTRODUCTION CHEMISTRY

CHEM&131 INTRODUCTION TO ORGANIC/BIOCHEMISTRY

CMST&102 INTRO TO MASS MEDIA

CMST&152 INTERCULTURAL COMMUNICATION

CMST&210 INTERPERSONAL COMMUNICATION

CMST&220 PUBLIC SPEAKING

ECON&201 MICROECONOMICS

NUTR&101 INTRO TO NUTRITION

POLS&101 INTRO TO POLITICAL SCIENCE

PSYC&100 GENERAL PSYCHOLOGY

PSYC&200 LIFESPAN PSYCHOLOGY

SOC&101 INTRO TO SOCIOLOGY

Quantitative

5 credits required

MATH172 APPLIED BUSINESS MATH

MATH&141 PRECALCULUS I

MATH&142 PRECALCULUS II

MATH&146 INTRODUCTION TO STATISTICS

MATH&151 CALCULUS I

MATH&152 CALCULUS II

Note: See a Career Advisor prior to choosing courses that meet general education requirements.

Dental Lab Technician Certificate of Competency (65 credits) Previously listed as 63 credits

Required Courses

DENLB101	Introduction to Dental Lab Technology	2
DENLB102	Dental Anatomy I	3
DENLB103	Dental Materials I	3
DENLB104	Denture Processes I	4
DENLB105	Denture Processes II	4
DENLB106	Dental Anatomy II	2
DENLB107	Denture Processes III	4
DENLB108	Denture Processes IV	3
DENLB110	Introduction to Orthodontics	3
DENLB111	Ortho Appliances – Fixed	3
DENLB112	Ortho Appliances – Removable	3
DENLB120	Removable Partial Dentures I	3
DENLB122	Removable Partial Dentures III	4
DENLB123	Removable Partial Dentures IV	3

One of the below choices is required (previously listed as required)

DENLB124	Advanced Dentures	3
DENLB125	Advanced Orthodontics	3
DENLB126	Advanced RPDs	3

General Education Requirements

Communications 5 credits required

ENGL175

ENGL&101 ENGLISH COMPOSITION I

Humanities/Social Sciences/Natural Sciences/Other 5 credits required

BIOL&160 GENERAL BIOLOGY

BIOL&175 HUMAN BIOLOGY WITH LAB

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Addendum Catalog year 2020-2021

BIOL&241	ANATOMY & PHYSIOLOGY I
BIOL&242	HUMAN A&P II
BIOL&260	MICROBIOLOGY
CHEM&121	INTRODUCTION CHEMISTRY
CHEM&131	INTRODUCTION TO ORGANIC/BIOCHEMISTRY
CMST&102	INTRO TO MASS MEDIA
CMST&152	INTERCULTURAL COMMUNICATION
CMST&210	INTERPERSONAL COMMUNICATION
CMST&220	PUBLIC SPEAKING
ECON&201	MICROECONOMICS
NUTR&101	INTRO TO NUTRITION
POLS&101	INTRO TO POLITICAL SCIENCE
PSYC&100	GENERAL PSYCHOLOGY
PSYC&200	LIFESPAN PSYCHOLOGY
SOC&101	INTRO TO SOCIOLOGY

Quantitative

5 credits required

MATH172	APPLIED BUSINESS MATH
MATH&141	PRECALCULUS I
MATH&142	PRECALCULUS II
MATH&146	INTRODUCTION TO STATISTICS
MATH&151	CALUCLUS I
MATH&152	CALCULUS II

Note: See a Career Advisor prior to choosing courses that meet general education requirements.

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