

CTE Course Description and Standards Crosswalk

- The information on page 1 must be entered directly into the EED CTE Web Portal (log in at <https://www.eed.state.ak.us/tls/cte/perkins> with your district credentials)
- Then this entire form can be submitted by using the “Click here Provide Supporting Documentation” link on the Web Portal, or by emailing it to ctegrants@alaska.gov.

Basic CTE Course Information

Course Information	
Course Name	Introduction to Dentistry
Course Number	HH815
Number of High School Credits	.5
Sequence or CTEPS (You must first have the Sequence or CTEPS name put into the system.)	Health Sciences
Occupational Standards	
Source of Occupational Standards	Dental Assistant National Board (DANB)
Names/Numbers of Occupational Standards	DANB: Dental Assistant Trainee
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	Provides foundations in general dentistry pertaining to dental assisting. Introduces basic dental procedures, safety, dental specialties, and dental anatomy.
Instructional Topic Headings (please separate each heading by a semi-colon)	Operations Safety; Introduction to Chairside Skills; Introduction to Dental Specialties; Ethics and Jurisprudence; Emergency Procedures; Dental Anatomy; Understanding Patient Behavior Communication; The Special Patient
Summative Assessments and Standards	
Technical Skills Assessment	Y
Course addresses Alaska GLEs	Y
Course addresses Employability Standards	Y
Course addresses Cultural Standards	Y
Course addresses All Aspects of Industry (AAI)	Y
Career & Technical Student Organization (CTSO)	

DISTRICT NAME: Kenai Peninsula School District

CTSO associated with this course	HOSA
Tech Prep	
Current Tech Prep Articulation Agreement? (Y/N)	Yes
Date of Current Agreement	May 2012
Postsecondary Institution Name	UAA
Postsecondary Course Name	Essentials of Dentistry
Postsecondary Course Number	DA A101
# of Postsecondary Credits	3

DISTRICT NAME: Kenai Peninsula School District

Additional CTE Course Information

Author	
Course developed by	Adopted with permission from UAA
Course adapted from	University of Alaska, Anchorage
Date of last course revision	N/A this is a new course
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No
Certificate, Credential, or License	
Industry-recognized skill certificate, credential, or state license that a student is eligible for upon successful completion of the course?	Articulation with University of Alaska, Anchorage for course #: DA A101 "Essentials of Dentistry"
Issuing body/organization/agency	UAA

Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Alaska Reading, Writing, Math, & Science Standards	Alaska Employability Standards	Alaska Cultural Standards	All Aspects of Industry	Formative Assessment
The Dental Assisting Profession: The student will be able to define the history of dentistry, the professional Dental Assistant, The dental healthcare team, dental ethics, dentistry and the law.	DANB: Dental Assistant Trainee	R4.2	A1,B2	B2 B4 E4	Technology Production Skills	Homework assignments Written tests Oral presentations
Sciences of Dentistry: The student will understand the basics of general anatomy, general physiology, embryology and histology, head and neck anatomy, landmarks of the face, oral cavity and tooth morphology.	DANB: Dental Assistant Trainee	R4.2	A2	B4	Technology Production Skills	Homework assignments Written tests Typodont demonstration
Oral Health and Prevention of Dental Disease:	DANB:		A2	B4	Technology	Written Test

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Alaska Reading, Writing, Math, & Science Standards	Alaska Employability Standards	Alaska Cultural Standards	All Aspects of Industry	Formative Assessment
Students will be able to describe the processes of: dental caries, periodontal disease, preventative dentistry, oral pathology.	Dental Assistant Trainee		A2		Production Skills	Verbal demonstration
Infection Prevention in Dentistry: Students will demonstrate an understanding of disease transmission and infection prevention and the principles and techniques of disinfection.	DANB: Dental Assistant Trainee		A2,A6	C3 E5	Technology Production Skills	Skills proficiency demonstration
Describe the preventative measures taken for a medical emergency that commonly occur during dental treatment, and develop a plan for and respond for office emergencies.	DANB: Dental Assistant Trainee	W3.2, R3.5, R4.4	A2,A6	D5, E4, E6,	Health, Safety and Environment	Homework assignments Written tests
Patient Information and Assessment: The student will recognize and chart the process of oral diagnosis and treatment planning	DANB: Dental Assistant Trainee	R4.2	A2	B3	Technology Production Skills	Homework assignments Written tests Typodont demonstration
Foundation of Clinical Dentistry: Students will identify dental hand instruments, dental hand pieces and accessories; demonstrate proficiency in instrument identification.	DANB: Dental Assistant Trainee		A2,A6	B4	Technology Production Skills	Skills proficiency demonstration
Dental Materials: Students will recognize restorative and esthetic dental materials both visually and radiographically, and how to utilize these materials.	DANB: Dental Assistant Trainee		A2,A6	B4	Technology Production Skills	Written Test and Verbal demonstration
Assisting in Comprehensive Dental Care: The student will compare and contrast the classifications of restorations, fixed prosthodontics, provisional coverage, removable prosthetics, dental implants, endodontics, periodontics and oral and maxillofacial surgery.	DANB: Dental Assistant Trainee	R4.2	A2	B4	Technology Production Skills	Homework assignments Written tests Oral presentations

Instructional Resources

List the major instructional resources used for this course: (websites, textbooks, essential equipment, reference materials, supplies)

Suggested Text(s)

Bird, D., & Robinson, D. (2012). Modern dental assisting 10th edition. Saint Louis, Ms: Elsevier.
Bird, D., & Robinson, D. (2012). Modern dental assisting 10th edition student workbook. Saint Louis, Ms: Elsevier.
Ethics, Jurisprudence, & Risk Management. Ehrlich
Psychology in the Dental Office. Ehrlich

Bibliography:

Ehrich, A. (1994). Fundamentals for dental auxiliaries, ethics, jurisprudence and risk management. Champaign, IL: Colwell Systems.
Ehrich, A. (1996). Fundamentals for dental auxiliaries, psychology in the dental office. Champaign, IL: Colwell Systems.
Barton, R. Matteson, S. & Richardson, R. (1988). *The Dental Assistant*. Philadelphia: Lea & Febiger.
Bird, D and Robinson, D. (2002). *Torres and Ehrlich A Modern Dental Assisting*. Philadelphia: W. B. Saunders.
Bird, D and Robinson, D. (2002). *Torres and Ehrlich A Workbook to Accompany Modern Dental Assisting*. Philadelphia: W. B. Saunders.
Finkbeiner, B., Johnson C. (1995). *Comprehensive Dental Assisting, A Clinical Approach*. St. Louis: Mosby Year-Book, Inc.
Finkbeiner, B., Johnson C. (1997). *Mosby's Comprehensive Review of Dental Assisting*. St. Louis: Mosby Year-Book, Inc.
Jaroski-Graf, J. (2000). *Dental Charting*. Albany: Thompson Learning.
Price, C. (1993). *Assertive Communication Skills for Professionals*. Boulder, CO.: Career Track Publications.
Rhode, H. (1993). *Dealing with Conflict and Confrontation*. Boulder, CO.: Career Track Publications.
Rule & Wilies. (1982). *Communication for Dental Auxiliaries*. Virginia: Reston Publishing Co.
Woods, J. (1999). *Interpersonal Communication Everyday Encounters*. Belmont, CA.: Wadworth Publishing Co.