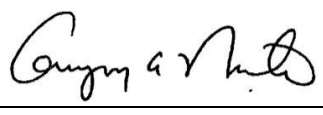


New Program Request Form

CA1

General Information

Institution submitting proposal	Salina Area Technical College
Name, title, phone, and email of person submitting the application (contact person for the approval process)	Gregory A. Nichols, President 785-309-3182 greg.nichols@salinatech.edu
Identify the person responsible for oversight of the proposed program	Brooke Horner, Program Administrator/Instructor 785-309-3125 brooke.horner@salinatech.edu
Title of proposed program	Associate of Applied Science - Dental Hygiene
Proposed suggested Classification of Instructional Program (CIP) Code	51.0602
CIP code description	A program that prepares individuals to clean teeth and apply preventive materials, provide oral health education and treatment counseling to patients, identify oral pathologies and injuries, and manage dental hygiene practices. Includes instruction in dental anatomy, microbiology, and pathology; dental hygiene theory and techniques; cleaning equipment operation and maintenance; dental materials; radiology; patient education and counseling; office management; supervised clinical training; and professional standards.
Standard Occupation Code (SOC) associated to the proposed program	29-2020 Dental Hygienist
SOC description	Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop x rays, or apply fluoride or sealants.
Number of credits for the degree <u>and</u> all certificates requested	AAS/80 credit hours
Proposed Date of Initiation	August 2021
Specialty program accrediting agency	National: American Dental Association – Commission on Dental Accreditation (CODA) SATC will obtain CODA approval
Industry certification	Dental Hygienist License

Signature of College Official  Date 6/06/2019

Signature of KBOR Official _____ Date _____

Narrative

Completely address each one of the following items for new program requests. Provide any pertinent supporting documents in the form of appendices, (i.e., minutes of meetings, industry support letters, CA1-1a form).

***Institutions requesting subordinate credentials need only submit the items in blue. For example, an institution with an approved AAS degree has determined a need for a Certificate C in the same CIP code using the same courses used in the AAS degree program.*

Program Description

- Provide a complete catalog description (including program objectives) for the proposed program.

The Dental Hygiene program provides the graduate with an opportunity to work in a primary care area within the healthcare field. The program prepares individuals to clean teeth and apply preventive materials, provide oral health education and treatment counseling to patients, identify oral pathologies and injuries, and manage dental hygiene practices. Graduation from the program qualifies the student to apply for the Licensure Examination for Dental Hygienists which is comprised of three components: Kansas Jurisprudence Exam, National Board Exam, and Clinical Board Exam.

The Hygiene curriculum includes courses in Hygiene, general education, and support courses which serve to develop the student into a competent hygienist. Coursework will be delivered via classroom, clinical and laboratory experiences. Students will learn the responsibilities of oral care under the supervision of the Program Administrator and faculty members while attending to patients at a clinic within our facilities.

Associate of Applied Science – Dental Hygiene, is a five to six semester program that contains 80 credits of technical, advanced technical courses, general education, and support courses.

Program Learning Outcomes —These serve as the program outcomes for the state of Kansas program alignment.

- Promote values of oral and general health and wellness to the public and organizations within and outside the profession.
 - Advance the profession through service activities and affiliations with professional organizations.
 - Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.
 - Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.
- List and describe the admission and graduation requirements for the proposed program.

Admissions Requirements:

The admission requirements for the AAS in Dental Hygiene (DH) program at Salina Technical College will be competitive in nature and will have a scoring rubric for selecting the most qualified candidates. These requirements follow:

FOR CURRENT DENTAL ASSISTING (DA) STUDENTS:

- Reapply to the college for the Dental Hygiene program by January 15
- At least 3.0 GPA average in all first-semester courses in DA
- GPA 2.5 or higher in pre-requisites coursework
- All pre-requisites courses for AAS in DH completed

FOR ALL OTHER APPLICANTS:

- Apply to the college for the Dental Hygiene program by February 15
- Complete pre-requisite coursework with a GPA of 2.5 or higher
- Cumulative GPA at least 2.5
- Once applicants have met the admission requirements, students will be accepted into the program on a competitive basis using a rubric to compute each applicant's score.

Graduation Requirements:

The graduation requirements for the AAS in Dental Hygiene program at Salina Area Technical College include successful completion of all program courses listed in the DH program with minimum grade of C and all general education courses with overall minimum GPA of 2.0. Students should realize that admission requirements for pre-requisite, general education, and DH courses exceed the graduation requirements of 2.0 GPA per course, therefore the effective graduation requirement should exceed the 2.0 minimum GPA.

Demand for the Program

Using the Kansas Department of Labor's Long Term Occupational Outlook, (<https://klic.dol.ks.gov>) identify employment trends and projections: occupational growth, occupational replacement rates, estimated annual median wages, and typical education level needed for entry.

The state of Kansas has few Dental Hygiene programs throughout the state. A majority of those exist in large metropolitan areas such as Kansas City, Topeka, and Wichita. The smaller cities of Manhattan and Emporia also have programs, but the only other program in Kansas exists in Colby which is a partnership from an out of state institution. The western two-thirds of the state is underserved with Dental Hygiene from the Kansas institutions except for the Wichita metropolitan area. The state projections from the Kansas Department of Labor indicate a statewide need of 142 new Hygienists per year until 2026. In addition, the regional indication calls for 2 per year for the north central Kansas region alone. The college exists in the north central region and the advisory board indicates the challenge of finding qualified Hygienists who are willing to relocate to the Salina region. The college also realizes the needs outside of the local region serve to increase the demand for providers in the marketplace. Because the program will utilize the Dental Assisting equipment already on campus, there should not be a need for excess equipment of a normal new program. In addition, the specific qualifications of the faculty make the program efficiency high. The additional students in hygiene will not draw away from the facility needs of the campus, nor will they draw away from the services needs of the campus. The capacity for sustainability is 6 students per year or 12 during the program cycle. The Assisting program has larger capacity than the latest 3 years enrollment and can be scaled down to accommodate the shared space of the two programs.

Show demand from the local community. Provide letters of support from at least three potential employers, which state the specific type of support they will provide to the proposed program.

Please see Appendix A: Letters of Support

Describe/explain any business/industry partnerships specific to the proposed program.

If a formal partnership agreement exists, agreement explaining the relationship between partners and to document support to be provided for the proposed program must be submitted to the Board office independently of the CAI materials for review purposes. The agreement will not be published or posted during the comment period.

Along with the letters of support, Salina, Kansas is fortunate to have a strong medical community with agencies that are eager to support for Dental Hygiene students. The following is a list of agencies/providers that have voiced their support for the addition of Dental Hygiene at Salina Area Technical College.

Name	Letter of support	Service Areas
Marietta Dental Care; Salina, KS	Yes	North central Kansas
New Horizons Dental Practice management, Salina, KS	Yes	Kansas, Oklahoma
John W. Adams, DDS, PA, Salina, KS	Yes	North central Kansas
All Smiles Dental Care, Minneapolis, KS	Yes	North central Kansas

In addition to the current clinical facilities, Salina Area Technical College plans to equip the existing dental chairs with ergonomic arms in the laboratories that will be used to teach basic to advanced skills and provide real world experiences as part of the clinical.

Duplication of Existing Programs

- Identify similar programs in the state based on CIP code, title, and/or content. For each similar program provide the most recent K-TIP data: name of institution, program title, number of declared majors, number of program graduates, number of graduates exiting the system and employed, and annual median wage for graduates existing the system and employed.

According to the Kansas Higher Education Data System, four institutions offer Dental Hygiene programs. Below is the 2017 K-TIP data for the community and technical colleges:

Colby Community College	31 majors;	* grad;	* ex/emp;	NR wage
Flint Hills Technical College	32 majors;	16 grad;	14 ex/emp;	\$46,296 wage
Johnson County Community College	58 majors;	25 grad;	22 ex/emp;	\$51,780 wage
Manhattan Area Technical College	27 majors;	9 grad;	9 ex/emp;	\$52,355 wage

NR = No values were reported.

* = Small cell suppression used to protect student privacy in accordance with FERPA and HEOA guidelines.

- Was collaboration with similar programs pursued:
 - Please explain the collaboration attempt or rationale for why collaboration was not a viable option.

The nearest community or technical college with Dental Hygiene is Manhattan ATC which is 68 miles away. Collaboration is useful for many reasons, but the community of Salina is a regional hub where students are not likely to travel outside of the city for educational needs. Moreover, all of the two-year programs in Dental Hygiene are aligned. Many of the students choose to pursue other educational programs in lieu of Dental Hygiene. The program at Colby Community College is currently a partnership with an out of state entity which would not allow for collaboration with Colby at this time, since they do not offer the Associate Degree. The other two programs are over 100 miles from the college. The nature of the infrastructure in physical and human resources does not allow for collaborative efforts in the clinical portion of the curriculum but would be possible with the didactic portion of the curriculum. The community has strong ties to SATC based upon the history of providing quality technical education for over 50 years. The community has a large enough population to support the clinical needs of the students in the program locally. In addition, support of the local Dental community is a major factor in the decision for local program control.

Program Information

- List by prefix, number, title, and description all courses (including prerequisites) to be required or elective in the proposed program.

HYG 110 Clinical Dental Hygiene I: Pre-Clinical This course prepares the student with the introductory knowledge and skills to properly and safely handle material and equipment in the dental clinic. It will prepare the students to provide clinical dental hygiene services. Students will also be learning the techniques for sterilization, infection control protocols, managing medical emergencies, and taking and recording medical histories, including vital signs. Students will be introduced to basic instrumentation skills, proper positioning and ergonomics, and time management for the dental hygiene student. There is also a lab associate with this course, which is designed to introduce the beginning student dental hygienist to clinical application through direct patientcare experiences.

HYG 115 Embryology, Histology and Oral Anatomy This course is a comprehensive study of oral facial embryology and the cellular structure of dental and associated glandular and mucosal tissues. Emphasis is on clinical considerations of the developmental process as relevant to dental hygiene practice.

HYG 120 Pharmacology This course focuses on applying pharmacology knowledge to dental hygiene clinical practice. Understanding the drug groups, pharmacologic effects, adverse reactions, drug contraindications and interactions will encourage treatment modification and ensure safe patient care.

DEN 125 Dental Radiography This course prepares the dental hygiene student to expose, process and critique intra and extraoral radiographs for clinical practice. Emphasis is placed on technique and individual patient radiographic need using standardized ALARA concepts. Students process, mount and evaluate radiographs for diagnostic value associated with patient care. Radiation production, biology and safety are required for students to make informed decisions and adjustments for optimum patient care.

HYG 150 Clinical Dental Hygiene II This course introduces more advanced concepts in clinical dental hygiene, as well as refines assessment and instrumentation skills. Students will provide direct patient care in a supervised clinical setting in this course. The clinical experiences will include patient assessment, dental hygiene diagnosis, oral prophylaxis, periodontal therapy, oral health education, and radiographs. Students will provide dental hygiene care to level I and II patients including individuals of all ages and medically compromised patients. Emphasis will be placed on the students' ability to demonstrate comprehensive treatment planning. Students will be required to use the SOAP method of documentation.

HYG 155 Periodontics The etiology of periodontal disease, as well as the assessment, diagnosis, and treatment options, will be discussed, including clinical procedures and associated surgical interventions. The clinical, histopathological, and pathogenesis of gingivitis and periodontitis is included, and emphasis will be placed on the progression of periodontal disease and the role of the dental hygienist in the management and treatment of disease. Evaluation of periodontal treatment, the maintenance phase of periodontal treatment, and the relationship between periodontics and other disciplines in dentistry will be discussed.

HYG 160 Preventative Dental Hygiene An introduction to concepts used in oral health instruction and patient education. Topics include: the etiology of dental disease; plaque control; oral physiotherapy; methodology of oral health instruction; behavior change counseling; tobacco use interventions; and patient motivational techniques. This course is designed to provide the student with an opportunity to develop skills that are necessary for teaching patients how to achieve and maintain optimal dental health and to practice interpersonal, professional, and patient education communication skills.

HYG 165 Pain Management This course is designed to prepare the dental hygiene student with the necessary theory to appropriately treatment plan and successfully administer topical anesthesia and local infiltration anesthesia to increase patient comfort and control pain when providing dental hygiene services. Various modalities of pain control available to the dental hygienist will be discussed. Students will study both the theory and the practical application of pain control.

HYG 210 Clinical Dental Hygiene III Students will provide direct patient care in a supervised clinical setting in this course. The clinical experiences will include patient assessment, dental hygiene diagnosis, oral prophylaxis, non-surgical periodontal therapies, periodontal maintenance, oral health education, and radiographs. Students will provide dental hygiene care to level I, II, and III patients including individuals of all ages and medically compromised patients. Emphasis will be placed on the students' ability to demonstrate comprehensive periodontal treatment planning. Students will be required to use the SOAP method of documentation. Additional clinical experiences will include the use of ultrasonic instrumentation, amalgam polishing, and application of pit and fissure sealants.

HYG 215 General & Oral Pathology This course has been designed to integrate oral pathology and general pathology. Students will study principles of general pathology with emphasis on the relationships to oral diseases. Pathologic physiology is included such as tissue regeneration, the inflammatory process, immunology and wound healing. Clinical appearance, etiology, location and treatment options of general system diseases is presented, along with the oral manifestations. Special attention will be placed on common pathological conditions of the oral cavity and early recognition of these conditions.

HYG 220 Nutrition & Oral Health Nutrition in Dental Health will explore basic concepts of nutrition as they apply to general and oral health. Students will learn to identify clinic patients with dietary and nutritional deficiencies, provide nutritional counseling treatment plans, and adapt behavioral modification techniques.

HYG 225 Dental Materials This course is an introduction to the study of the physical and chemical properties of dental materials utilized in the dental office. Topics include: the clinical skills necessary for the dental hygienist in the proper manipulation of dental materials, considerations of the mechanical functions, clinical appearances, and biocompatible properties of dental materials.

HYG 230 Dental Public Health Dental Health is the science and art of promoting oral health and preventing oral disease in a community setting. Through this course students acquire knowledge, attitudes, skills and behaviors necessary to promote dental health and prevent disease through organized community-based programs. Students are introduced to basic principles of research methodology and biostatistics, epidemiological indices, population needs, and community health planning methods for dental education of the public.

HYG 250 Clinical Dental Hygiene IV In this course, students will provide direct patient care in supervised clinical settings. The clinical experiences will include patient assessment, dental hygiene diagnosis, oral prophylaxis, complete periodontal therapy, oral health education, and radiographs. Students will provide dental hygiene care to patient level I, II, III, and IV. Emphasis will be placed on the students' ability to demonstrate comprehensive periodontal treatment and improved time management by completing multiple patients in one clinic session. Students will be required to use the SOAP note method of documentation. Includes intramural dental hygiene and dental school rotations and extramural site assignments.

HYG 255 Dental Hygiene Seminar This course is designed to assist senior dental hygiene students in preparing for the credentialing examinations and the other procedures required for obtaining a dental hygiene license.

HYG 260 Ethics & Jurisprudence Emphasis on the laws governing the practice of dentistry and dental hygiene, moral standards, and the ethical standards established by the dental hygiene profession. Practice settings for the dental hygienist, office operations, and preparation for employment. This course, in addition to the areas of ethics and jurisprudence, examines the economics of dentistry, dental office management, employment considerations, resume preparation, and job interviewing.

HYG 265 Dental Hygiene Theory This course is designed to guide the development of critical thinking skills and the application of theory to care at all levels of dental hygiene. Case studies will help students realize early on the link between theory and patient care.

BIO 150 Human Anatomy and Physiology This course provides a physio-chemical study of the systems forming the human body. The course will focus on the relationships between the systems and the maintenance of a homeostatic condition within the body. Diseases, defects, and abnormalities are covered with each system.

BIO 200 Microbiology This course will provide a study of the morphology, physiology, and classification of microorganisms associated with disease. The course will also focus on methods of disease prevention through sanitation, disinfection and sterilization, sources and means of infection, and body defenses.

COM 105 Public Speaking (Prerequisites: Qualifying placement test Reading score or concurrent enrollment in REA 090.) This course will emphasize the fundamental basics of favorable private and public speaking experiences. The course will cover speech organization, development of ideas, delivery, listening, peer and audience analysis, and understanding of all types of public speeches.

ENG 101 English Composition I (Prerequisite: Qualifying placement test Writing score or ENG 100 or ENG 103.) This course is an introduction to expository writing and emphasizes clear and effective writing, the writing process, audience, purpose, analytical reading, peer conferencing, and research procedures. The course provides instruction and practice in development of ideas, methods of organization, sentence structure, grammar, mechanics, documentation, and MLA format.

MAT 105 Intermediate Algebra (Prerequisite: Qualifying test score or the grade of "C" or better in any of the following: MAT 090, MAT 095 or MAT 101.) The focus of this course is to prepare the student for College Algebra. Students learn how to perform common calculations in several applied occupational fields.

PSY 101 General Psychology (Prerequisites: Qualifying placement test Reading score or concurrent enrollment in REA 090; qualifying placement test Writing score or ENG 100.) This course provides an introduction to the scientific study of human behavior as it applies to daily living. The scope of this course includes history, basic theories, and biological bases of behavior, development, cognitive processes, individual awareness, motivation, emotion, personal adjustment and social psychology.

- If the proposed program includes multiple curricula (e.g., pathways, tracks, concentrations, emphases, options, specializations, etc.), identify courses unique to each alternative.

Not applicable.

- Provide a Program of Study/Degree Plan for the proposed program including a semester-by-semester outline that delineates required and elective courses and notes each program exit point.

Dental Hygiene Courses			
Course number	Course name	Credit hours	Transfer possibility
Fall 1st year			
HYG 110	Clinical Dental Hygiene I: Pre-Clinical (IC/OSHA/Emergencies)	5	
HYG 115	Embryology, Histology & Oral Anatomy	4	
HYG 120	Pharmacology	3	
HYG 125	Dental Radiography	2	DEN 138
		14	
Spring 1st Year			
HYG 150	Clinical Dental Hygiene II	4	
HYG 155	Periodontics	3	
HYG 160	Preventative Dental Hygiene	2	
HYG 165	Pain Management	2	
DEN 248	Nitrous Oxide Administration	1	
		12	
Fall 2nd Year			
HYG 210	Clinical Dental Hygiene III	6	
HYG 215	General & Oral Pathology	3	
HYG 220	Nutrition and Oral Health	2	
HYG 225	Dental Materials	2	DEN 127 and DEN 227
HYG 230	Dental Public Health	2	
		15	
Spring 2nd Year			
HYG 250	Clinical Dental Hygiene IV	6	
HYG 255	Dental Hygiene Seminar	1	
HYG 260	Ethics & Jurisprudence	3	
HYG 265	Dental Hygiene Theory	2	
		12	
Prerequisites – completed prior to admission to Dental Hygiene program			
BIO 200	Microbiology	5	
CHM 105 & 110	Chemistry	5	
ENG 101	English Comp	3	
MAT 105	Intermediate Algebra	3	
BIO 150	Anatomy & Physiology	5	
COM 105	Public Speaking	3	
PSY 101	General Psychology	3	
		27	
	TOTAL	80 Credits	

Faculty

- Describe faculty qualifications and/or certifications required to teach in the proposed program. Program faculty must have an earned BS/BA for theory courses and AAS or higher for clinical instruction. Faculty must meet faculty qualifications based upon HLC and SATC policy including credential and/or tested experience.

Faculty member	Job Status, credentials	Assignment	Background
Brooke Horner	Full-time MS	Program Admin/ Instructor	Dental Hygienist and Dental Assistant credentials
Faculty #2	Full-time MS or BS with timeline to complete MS	Clinical/ Didactic courses	Dental Hygienist credential
PT Faculty #1	0.25 FTE DDS or similar	Lab supervision and dental examination	Dentist
PT Faculty #1	0.25 FTE DDS or similar	Lab supervision and dental examination	Dentist

Cost and Funding for Proposed Program

- Provide a detailed budget narrative that describes all costs associated with the proposed program (physical facilities, equipment, faculty, instructional materials, accreditation, etc.).

Salina Tech has acquired nearly all program equipment that is currently used in the Dental Assisting program. Any addition equipment needs will be secured through private donations, grant requests, institutional capital outlay, and or unencumbered institutional funds. SATC receives approximately \$120,000 annually in state capital outlay for the purpose of building, renovating, and equipping the college. A portion of the funds for FY2021 will be used to equip a classroom for the Dental Hygiene (DH) program. We also anticipate the DH program will become eligible for Carl D. Perkins Federal Grant program. The current allocation of Perkins funds is approximately \$96,000 so the equipment, faculty, training, etc. should be supported, in part, by this source of funding. The faculty costs of the program will become a significant cost to maintain. The tuition charge for our program is not subsidized by local taxes, so we must charge a tuition rate higher than our other technical and general education courses. The additional revenue secured from higher tuition will support the full funding our program costs.

- Provide detail on **CA-1a form**.

Please see Appendix B: CA-1a

- The college has completed a \$287,000 library and media center renovation to include electronic media sources and stations for research and study. Approximately \$257,000 was raised through grants and the remaining renovation budget was capital outlay funds. The construction was completed in December 2017. The college also identified that library and learning resources need to be expanded to fully support our healthcare programs.

Program Review and Assessment

- Describe the institution's program review cycle.

Program reviews are conducted annually and shared with each program. The program review process includes metrics on student completion, graduation, employment, and testing information. Additional

metrics include enrollment numbers and financial viability. Programs are measured for trend over a three-year period to determine success based upon the college strategic plan. The programs should also tie into the annual assessment of student learning. This process measures how successful students perform in the programs. The metrics are presented to those in the programs and also the governing board to make determinations on needs for the future of the program and the college.

Program Approval at the Institution Level

- The approvals for the AAS in Dental Hygiene (DH) program are included in the appendices. [PAC dated 10-17-2017, Academic Affairs dated 2-06-2019, Governing board dated 6-03-2019] SATC has approval and has sought approval from the Higher Learning Commission (HLC) and plans to make application to the Commission on Dental Accreditation (CODA).

Please see Appendix C: Committee Minutes

Submit the completed application and supporting documents to the following:

Director of Workforce Development
Kansas Board of Regents
1000 SW Jackson St., Suite 520
Topeka, Kansas 66612-1368

John Marietta, DDS

Marietta Dental Care

208 West Cloud Street, Salina, Kansas 67401

PO Box 3646, Salina, Kansas 67402-3646

marietta@sbcglobal.net

phone 785-825-7557

fax 785-825-7666

Salina Area Technical College
2562 Centennial Rd
Salina, Ks 67401

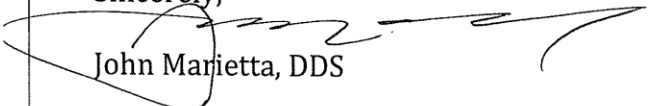
To whom it may concern,

I would like to express my support for the development of a dental hygienist program in Salina. The Salina area technical college would be an ideal place to host such a program. Salina is a regional hub for North Central and Northwest Kansas. Salina would provide a convenient accessible location for those interested in seeking a dental hygienist program. Furthermore, those students from this area who are educated in Salina are more likely to stay in this area. North Central and Western Kansas are underserved areas. This program has the potential to help fill that void.

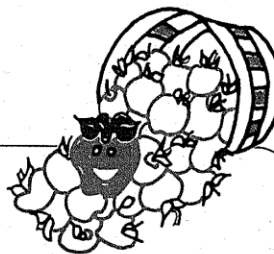
I'm also willing to serve on the board of the dental hygiene school. I currently accept students from the dental assisting School to be on rotation through my office to Holland their clinical skills. I would be willing to extend that same training opportunity to hygienists who would want to rotate through my office.

In summary, I feel that a dental hygiene school located in Salina would be helpful to those who live in Salina and the surrounding underserved areas of Kansas by providing an adequate pool of hygienists to serve that patient population. It will provide an outstanding professional opportunity those to those seeking a satisfying and rewarding career.

Sincerely,


John Marietta, DDS

John W. Adams, D.D.S., P.A.



"We want your smile to last a lifetime."

February 19, 2019

Mrs. Brooke Horner

Salina Area Technical Dental Assistant Instructor

Dear Mrs. Horner

I want to speak out on behalf of the concept of having a Dental Hygiene program at the Salina Technical College.

I have been a dentist in Salina for 44 years. In that time, I have worked with hygienists as part of the provider support team. They are a proven asset as educators and hygiene providers and bring an important benefit to any dental practice.

It has always been a challenge to hire dental hygienists as they are in short supply and most of the hygiene programs in the state are in larger communities. Trying to encourage hygienists coming out of school to relocate here has been difficult after they have experienced the faster pace seen in big towns.

I have had times where one of the hygienists I worked with had to move out of state with her husband and it took five months to find a replacement. That was a few years ago but it still is difficult to find a full time hygienist. More recently, I have experienced the need for part time and fill in hygienists to cover sudden changes in schedule or to meet season demands. Having more hygienists in the available employment pool will help keep costs down in the dental field as now, with too few providers, the hourly compensation is extremely high in areas where there are too few applicants.

The other important issue is that hygienists today play an important role in expanding healthcare providers. Many states are allowing midlevel dental healthcare workers (specially trained hygienists mostly) to provide limited dental services like fillings and extractions beyond the regular duties of a dental hygienists. This will pull many hygienists currently in practice into a new field and leave a critical shortage especially in underserved areas. This shortage is not only in small towns in central and western Kansas but also local nursing homes and public schools where oral health education is critical and has a significant need.

Please support the idea of expanding your program from just a scaling assistance program to a full fledged hygiene school that can provide the necessary providers to fill the expanding duties that will be open in *Dentistry*.

Sincerely,

Dr. John W Adams DDS



Member of American Dental Association

909 East Wayne
Salina, Kansas 67401
785/825-1659



NEW HORIZONS DENTAL PRACTICE MANAGEMENT

2/20/2019

Salina Tech
Dental Program
Board of Trustees

Re: Dental Hygiene Program Support

Dear Board of Trustees,

I am writing on behalf of New Horizons Dental Practice Management to provide support for a hygiene program at Salina Tech. In my role, I help with several areas of administration, which includes staff recruiting for several dental offices in the state of Kansas and Oklahoma. I have experienced a higher challenge for finding qualified hygienists for the Central Kansas region. I have utilized several recruiting services and network resources, yet the candidates have been minimal without having to extend my search into bigger markets (Kansas City, Wichita and Tulsa for example). Finding candidates in these areas who are willing to relocate are also very challenging.

It is my opinion that a hygiene school at Salina Tech would help with the high demands for hygienists in Central, North Central and all of Western Kansas. In addition, there is a solid chance that many dental assistants in this area might be interested in enhancing their careers as a hygienist. The assisting and hygiene schools would provide natural support for each respective program for growth and learning opportunities.

Our company will do our best to help support this program that could include future Advisory Board members, guest speakers and student externship opportunities. Please consider the high impact a hygiene school at Salina Tech would provide to the dental communities in Salina and surrounding communities.

Sincerely,

Brandon Gary
Director of Business Development

New Horizons Dental Practice Management

1700 E Iron Ave, Salina, KS 67401
(785) 404-2070
www.nhdpm.com

To whom it concerns,

My name is Breanna McClintock and I have been a registered dental hygienist for 12 years. Five of those years living in Salina. I am writing in support of creating a dental hygiene school at Salina Technical College. I attended Wichita State University dental hygiene program from 2005-2008. It was an incredible program with great staff. At that time there were very few hygiene schools to attend in the state of Kansas. I think it would be a great asset to the community of Salina and especially small rural communities across central and western Kansas to have an educational program to prepare dental hygiene students to work in our community and relocate back to small rural areas that are highly underserved.

I grew up in a small, southwestern Kansas town that did not have a local dentist office. We drove to Dodge City which was a hour away for our dental and orthodontic needs. Growing up in rural Kansas I can definitely relate to the extreme need for more dental healthcare providers to be available in these rural areas.

My hopes for the dental hygiene program at Salina Technical College would be to have dental hygiene graduates that would be recruited from rural communities that would be interested in moving back to these areas to serve the underserved population, as well as having more hygienists available in Salina to fill in as needed.

Please take great consideration in expanding your program and implementing a dental hygiene program at Salina Technical College. I only see good things coming from this!

Thanks for your time.

Breanna McClintock, RDH



Ashley D. Swisher D.D.S.
201 West 2nd Street
Minneapolis, KS 67456
Ph. 785-392-2194
wecare@allsmilesks.com

To Whom This Concerns:

I am writing in support of a Salina dental hygiene program. I believe there is a need for dental professionals in the area and this is one way to get them tied to our community from the start. The need is evident. As a dental leader interested in opportunities to better our profession, I look forward to taking part when and where I can if this program moves forward.

Salina's central location would draw in a number of applicants. More professionals are thinking about where to plant their roots and how to do so sooner. Consider looking into the University of Kansas's medical program that is underway. I believe it's been a big success already and I would hope we could model something similar for this hygiene program. Although, Kansas City and Wichita areas are appealing to the typical dental hygiene program applicant, there is a group of individuals that I believe would be interested in training closer to home and with more one on one guidance.

I encourage you to consider what it would take to keep dental professionals coming back to central and rural Kansas. As a rural dentist, I know the struggle that I have had in finding dental hygiene colleagues and keeping them motivated to come to my area when the demographics and demands are tough for someone coming right out of school. However, if they are trained to treat the population that we have in our area from the start (higher caries rate, higher periodontal disease rates and our aging population), they are more apt to not feel overwhelmed when given the opportunity to practice in it. In my nine years of owning my own practice, I have had 13 different hygienists work for me full or part time. That is a need!

I currently serve on the dental assisting advisory board and would be willing to serve on the dental hygiene advisory board as well. Because of the demand for my time in my office being a rural dentist, I am unfortunately unavailable Monday through Friday for assistance with a clinic. However for certain circumstances, I would be able to schedule some things in advance needed. I would be willing to have them come to our office for rotations as well as help with curriculum as I am very passionate about hygiene education.

Thank you for your consideration,

A handwritten signature in black ink, appearing to read 'Ashley Swisher', written over a horizontal line.

Ashley D. Swisher D.D.S.



Dental Assistant **Advisory Board Meeting Minutes** **Fall 2017**

Call to Order	<p>The Salina Area Technical College Dental Assistant Advisory Board met October 17, 2017 at 6:00 p.m. with the following members present:</p> <p>Brooke Horner, MS, RDH, CDA</p> <p>Kate Benton, CDA</p> <p>John Marietta, DDS</p> <p>Ashley Swisher, DDS</p> <p>Robert Moeller, DDS</p> <p>Kamee Meyer, CDA</p> <p>Amber Clark, CDA</p> <p>Regan Bailey, CDA</p> <p>Jessica Wilkerson, CDA</p> <p>Erika Ruiz and Hunter Mendenhall – Guests -SATC STUDENTS</p>
Approval of Agenda	<p>Motion by Dr. Marietta, second by Dr. Swisher to approve the agenda as presented.</p>
Approval of Minutes from Meeting	<p>Motion by Dr. Marietta, second by Dr. Moeller to approve the minutes as presented.</p>
Assessment Data	<ol style="list-style-type: none">1. HESI results and how they compared to actual results of DANB testing showed relatively close. Taking HESI as predetermination of passing DANB testing will continue this year.2. DANB passing rates for 2017 graduates showed:<ol style="list-style-type: none">a. 1 student failed RHSb. 2 students failed ICEc. 3 students failed GC
Accreditation	<ol style="list-style-type: none">1. CODA will be coming in April 2018 for accreditation2. Discussed that advisor board members will be requested to meet with CODA. Time and date has not yet been confirmed.3. Discussed that CODA will want to visit dental offices in the community that are mentoring students. It was recommended that I send out an email to all clinical rotations to let them know of this and give the office the opportunity to opt out of having a student for spring rotation to exempt their office from a visit from CODA.
Curriculum Updates and Changes	<ol style="list-style-type: none">1. Discussed addition of hygiene program. Letters of support were requested from the advisory board. Board made request for information on what will be needed in the letters for KBOR.2. Discussed program change to allow for high school students to begin non-competency driven courses prior to admittance to the dental assisting program. Request was made to exclude Infection Control as

	<p>a class that students can take at high school level based on the failure rate of the ICE portion of the DANB examination and the length of time between completion of Infection Control course and the actual testing of DANB. With that change made, motion to approve was made by Dr. Marietta and seconded by Dr. Moeller. All members were in favor of allowing high school students to begin working towards Dental Assistant Program.</p> <p>3. Proposed to break up DANB testing. Currently students take all three DANB tests on one day. This can be very stressful for students and could possibly be reason for the higher failure rate on the 3rd test compared to the 1st test. This would increase student tuition as well. Motion to approve splitting up DANB testing was made by Dr. Moeller and second by Regan. All approved the motion.</p>
Textbooks	No changes to textbooks proposed.
Recruitment	No recruitment information at this time.
Internships /Guest Speakers/ Field Trips	<p>1. Members stated that they liked having the students start observation rotations in December, so that the students were ready to start chairside on the first day of official observation.</p> <p>2. Discussed that students in some offices tend to observe more than actually assist. CODA requirements are that students should spend the majority of the 300 clinical hours in chairside activities. I showed members new journals for students to keep track of their activities each day.</p>
Requests of the Board	Discussion of what can we improve upon as instructors to prepare students for clinical rotations resulted in fairly pleased results with the students skills last semester. Request was made to help improve infection control and ergonomics.
Evaluation Form	Completed
Adjournment	The meeting was adjourned at 7:20 p.m.



Academic Affairs Committee

Minutes

Date: February 6, 2019

Time: 3:00 pm ; began at 3:04p

Location: LRC

James H, James K, Mike P, Lara D, Denise H, DeLoss D, Anna K, Preston G, Ange P, Julie A, Alisha J, SJH
James H left at 3:35p

- 1) Approval of Agenda
 - a) Mike P 1st, James H, passed 6-0
- 2) Approval of minutes of January 10, 2019 minutes
 - a) James H 1st, Mike P 2nd, passed 6-0
- 3) NEW ITEM: DeLoss added as a voting member of AA Committee
 - a) James K asked for approval of adding this item and the item was added with approval of the Agenda
 - Mike P, James H, passed 6-0
- 4) Request for update to Online observation Form
 - a) Discussion: this form is being adjusted to suit the online environment
 - b) This is outside the negotiated agreement
 - c) Tabled for more adjustments.
- 5) Request for update to Adjunct Instructor Evaluations
 - a) Discussion: This document/process will be impacted by the negotiated agreement; forms and surveys will be linked. This will be come SATC formatted.
 - b) Tabled for more adjustments.
- 6) Request for update to Clinical Observations
 - a) Discussion: Designed to suit observing faculty who are in clinical rotations working with students, staff, and potentially employer's staff onsite.
 - b) Tabled for more adjustments.

7) Dental Hygienist Program Courses

- a) HYG 110 Clinical Dental Hygiene I
- b) HYG 115 Oral Anatomy
- c) HYG 120 Pharmacology
- d) HYG 125 Dental Radiology
- e) HYG 150 Clinical Dental Hygiene II
- f) HYG 155 Periodontics
- g) HYG 160 Hygiene Education and Prevention
- h) HYG 165 Pain Management
- i) HYG 210 Clinical Dental Hygiene III
- j) HYG 215 General and Oral Pathology
- k) HYG 220 Nutrition and Oral Health
- l) HYG 225 Dental Materials
- m) HYG 230 Dental Public Health
- n) HYG 250 Clinical Dental Hygiene IV
- o) HYG 255 Dental Hygiene Seminar
- p) HYG 260 Ethics and Jurisprudence
- q) HYG 265 Dental Hygiene Theory

Discussion about the size and scope of the program. Timeline is Fall 2020 for earliest students in program. BOT and HLC approval are next steps.

- Motion to approve includes the approval of the program as an AAS only degree, the above listed HYG courses and all transfer or required pre-requisites listed in the attachments file
 - James H 1st & Mike P 2nd; passed 7-0
- Motion to approve all A-D
 - Mike P, DeLoss D, Passed 6-0
- Motion to approve all E-H
 - Julie A 1st, Mike P 2nd, Passed 6-0
- Motion to approve all I-M with correction of semester
 - Julie A 1st, Mike P 2nd, passed 6-0
- Motion to approve all N-Q
 - Mike P 1st, DeLoss 2nd, passed 6-0

8) Other Business

9) Adjournment; 3:45p

- a) First Mike P, Julie A 2nd, passed 6-0

* Indicates there is a handout for this agenda item. Handouts are located on the O:\Instruction\Academic Affairs Committee\AY18-19\Attachments in that month's folder.

**SALINA AREA TECHNICAL COLLEGE
BOARD OF TRUSTEES MEETING MINUTES
June 3, 2019**

Call to Order	The Board of Trustees of Salina Area Technical College met Monday, June 3, at 5:35 p.m. at Salina Area Technical College, 2562 Centennial Road, with the following members present: Dustin Pestinger, Todd Smith, Brian Blackwood, Kristin Nulik, Jeff Shamburg. Others present: President Greg Nichols, VP of Instruction Stephani Johns-Hines, Math Instructor James Knapp, Board Clerk Mike Strand.
Approval of Agenda	Motion by Todd Smith, second by Brian Blackwood to approve the agenda. Motion passed 5-0.
Public Comment	None. <i>[Trustee LuAnn Puvogel arrived at the meeting]</i>
Consent Agenda	Motion by Todd Smith, second by Kristin Nulik to approve the consent agenda, including Minutes of the April Regular and Special Meetings, hiring Teresa Woody as custodian, Markie Townsend and Amanda Doubrava as nursing instructors, the resignation of Jason Mawhirter as Electrical Technology instructor, hiring Naomi Tatro as an Allied Health instructor and the terminations of Judy Carver and Clinton Walker. Motion passed 6-0.
Monitoring Reports	President Nichols presented the monthly financial report.
Action Items	<p>A. New Program – Dental Hygiene: Motion by Brian Blackwood, second by LuAnn Puvogel to approve moving forward with creation of a Dental Hygiene program. Motion passed 6-0.</p> <p>B. Program Change – Fire Science: Motion by Brian Blackwood, second by Kristin Nulik to replace the Fire Science class “Fire Tactics and Strategy – Aircraft Rescue and Firefighting” with “Fire Service Hydraulics and Water Supply.” Motion passed 6-0.</p> <p>C. Approval of FY 2019-20 Meeting Dates: Motion by Brian Blackwood, second by LuAnn Puvogel to approve regular meeting dates as the fourth Monday of the month, except for the December meeting, which is moved to December 16, and the May meeting, which is moved to May 18. Motion passed 6-0.</p> <p>D. Faculty Negotiated Agreement: Motion by Kristin Nulik, second by LuAnn Puvogel to approve the Negotiated Agreement. Motion passed 6-0.</p> <p>E. Long Term Phone Contract: President Nichols explained that Salina Tech could get a substantial discount by going to a multi-year phone contract with NexTech, but that the full cost would be over the threshold requiring approval from the Board. Board members tabled the contract and asked Nichols to seek bids from other companies.</p>



COURSE SYLLABUS

HYG 110 Clinical Dental Hygiene I: Pre-Clinical

Course Information

Course Number:	HYG 110
Course Title:	Clinical Dental Hygiene I: Pre-Clinical
Prerequisites:	Admission to the Dental Hygiene Program
Credit Hours:	5
Type of Instruction:	Lecture/Lab
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom and Dental Lab

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

This course prepares the student with the introductory knowledge and skills to properly and safely handle material and equipment in the dental clinic. It will prepare the students to provide clinical dental hygiene services. Students will also be learning the techniques for sterilization, infection control protocols, managing medical emergencies, and taking and recording medical histories, including vital signs. Students will be introduced to basic instrumentation skills, proper positioning and ergonomics, and time management for the dental hygiene student. There is also a lab associate with this course, which is designed to introduce the beginning student dental hygienist to clinical application through direct patientcare experiences.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**

- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
Assignments	633	30%
Quizzes	415	30%
Midterm/Final	157	15%
Project	153	25%

For example if your grades are as follows:

Quiz grade is 83	multiply this by 30%	83×0.30	24.9
Assignment grade is 88	multiply this by 30%	88×0.30	26.4
Midterm/Final grade is 81	multiply this by 15%	81×0.15	12.15
Project grade is 92	multiply this by 25%	94×0.25	23
Total grade percentage			86.45 B

Competencies must be passed at the level of knowledge that is noted on each competency. This varies but can be found on the competency sheet itself. You have three (3) opportunities to pass the competency at the specified level. If the competency is not passed on the first attempt, students will get a second chance but will receive a grade deduction of 20% on the earned grade. If the competency is not passed on the second attempt, students will get a third chance but will receive a grade deduction of 50% on the earned grade. If the competency is not passed on the third attempt, a fourth attempt will not be given and the student will be removed from the dental hygiene program regardless of your final course grade.

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

Students will be expected to meet all the learning outcomes listed and be able to demonstrate their understanding of the underlying concepts. All course requirements must be completed at a minimum of 75% to ensure mastery of subject material.

Final grades will be assigned based on the following grading scale:

- 93-100% = A
- 83-92% = B
- 75-82% = C
- 70-74% = D
- Below 69% = F

Course Learning Outcomes (Skill Assessments)

- TBD based upon book choice

Course Outline

TBD based upon book choice

Course Objectives

1. Elicit, record and assess a complete patient history to include personal, medical, and dental information, as well as current health status.
2. Perform patient assessment.
3. Demonstrate aseptic techniques in accordance with OSHA standards.
4. Demonstrate correct instrumentation techniques while maintaining proper patient and operator ergonomic positioning.
5. Utilize appropriate communication skills to provide patients with individualized information regarding dental hygiene treatment procedures.
6. Identify signs and symptoms related to a possible emergency and procedures for specific emergencies.

Assessment

TBD after course curriculum is created

Institutional Policies

Please refer to the current College Catalog available online at:

http://www.salinatech.edu/prospective_students/college_catalog.shtml

Ethical Uses of Information

Salina Area Technical College (SATC) expects all students to maintain high standards of honor in personal and academic conduct. Any deviation from this expectation may result in a minimum of a failing grade for the assignment and potentially a failing grade for the course. All academic dishonesty concerns will be reported to SATC's Student Services office. Academic dishonesty includes, but is not limited to, cheating on an examination or other academic work, plagiarism and improper citation of sources, using another student's work, and the abuse of resource materials. When in doubt on collaboration, citation, or any issue, please contact me or see the College Catalog for more information.

Instructor Policies

Last Day to Withdraw with a "W"

See academic calendar for the last day to withdraw from this course

It is the student's responsibility to visit with their academic advisor prior to withdrawing from a class and to complete the appropriate withdrawal form and submit it to the Registrar's office.

Communication

All communication between faculty, administration, staff and advisors will be directed to the student email account. Example: lucy.smith@salinatech.edu Your specific email address should have been given to you. Your instructor also has your email address on their class roster. **It is the student's responsibility to check their SATC email account frequently.**

Attendance

Regular attendance and punctuality reflect an attitude of willingness to learn and ultimately affect success in the program and on the job. Any hour or major portion of an hour not in attendance is counted as an absence for that course. Students are expected to attend all scheduled class and examination meetings. You must maintain an 90% attendance in class. If attendance falls below 90% you will be considered unemployable and will be removed from the program. Students are also expected to maintain satisfactory progress in each of the classes in which they are enrolled. Complete attendance and makeup work policies can be found in the SATC Student Handbook and the Dental Hygiene Program Handbook.

Hybrid Attendance:

You will be required to log into the class a minimum of 2-3 times weekly and complete work both online and in the classroom. Pay close attention to deadlines, and allow yourself plenty of time to complete assignments, discussion questions, quizzes, and exams.

Computer Requirements

Taking this class requires you to have access to a computer (with Internet access) to complete and upload your assignments. It is your responsibility to have a working computer. ***Assignments and tests are due by the due date, and personal computer technical difficulties will not be considered reason for the instructor to allow students extra time to submit assignments, tests, or discussion postings. Your computer being down is not an excuse for missing a deadline!!*** There are many places to access your class! Our online classes can be accessed from any computer in the world which is connected to the internet. Contact your instructor immediately upon having computer trouble.

The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services.

Homework

Student will be expected to complete homework assignments on time. All assignments are due when class begins. No homework will be accepted after the due date unless prior arrangements have been

made with the instructor. If the assignment is turned in after class has begun the late work policy will be applied. If a student is absent, they must turn in their work the first day back to campus. If a student has a planned absence their work must be turned in prior to the due date. Please see Coursework and Coursework Makeup Policy/Classroom Attendance policies in the program handbook.

Quizzes and Exams

All quizzes and exams are administered through the online course, Canvas Learning. Quiz information will be directly related to the topic of discussion. The course schedule will indicate which chapters the students will be quizzed on. Student will not get an opportunity to make up quizzes.

Midterm/Final Exam

These exams will be as scheduled. They will start 10 minutes after the beginning of class to allow for student questions. It is unacceptable to miss these exams. If the student is not present or late for the exams, then the student will receive a zero, which could result in failure of the class.

Notice of Non-Discrimination

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Accessibility Services

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E-mail: jennifer.callis@salinatech.edu
785.309.3120 (P) or 785.309.3101 (F)

***Changes may be made to the syllabus at the discretion of the faculty.**



COURSE SYLLABUS

HYG 115 Embryology, Histology and Oral Anatomy

Course Information

Course Number:	HYG 115
Course Title:	Embryology, Histology and Oral Anatomy
Prerequisites:	Admission to Dental Hygiene Program
Credit Hours:	4
Type of Instruction:	Lecture
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

This course is a comprehensive study of oral facial embryology and the cellular structure of dental and associated glandular and mucosal tissues. Emphasis is on clinical considerations of the developmental process as relevant to dental hygiene practice.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

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The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

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Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

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Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

1. Develop a professional vocabulary of terminology related to the head and neck, the oral complex, and the teeth.
2. Identify, locate, and relate the gross anatomical structures of the head and neck to include the bones of the skull, musculature, major nerves, glands and the circulatory and lymphatic systems.
3. Identify the histologic and anatomic features of the extraoral and intraoral structures.
4. Relate the embryologic development of the head and neck and the oral complex.
5. Compare and contrast the human dentition in relationship to location, function, and morphology
6. Discuss the sequence and eruption patterns of primary and permanent teeth and their implications on future oral and overall health
7. Apply oral anatomy concepts to dental hygiene instrumentation principles and patient care.
8. Incorporate knowledge of tooth morphology, dental occlusion, head and neck anatomy, histology, and embryology into patient assessment, preventive management, treatment planning, and patient education.

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Vice President of Student Services
2562 Centennial Rd., Salina, KS 67401
E-mail: jennifer.callis@salinatech.edu
785.309.3120 (P) or 785.309.3101 (F)

***Changes may be made to the syllabus at the discretion of the faculty.**

This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 120 Pharmacology

Course Information

Course Number: HYG 120
Course Title: Pharmacology
Prerequisites: Admission to the Dental Hygiene Program
Credit Hours: 3
Type of Instruction: Lecture
Meeting Days:
Meeting Times:
Meeting Location: Dental Classroom

Instructor Information

Instructor: Brooke Horner, RDH, MS
Phone: Office 785-309-3125 Cell 316-312-0668
E-mail: Brooke.Horner@salinatech.edu

Course Description

This course focuses on applying pharmacology knowledge to dental hygiene clinical practice. Understanding the drug groups, pharmacologic effects, adverse reactions, drug contraindications and interactions will encourage treatment modification and ensure safe patient care.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**

- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
Assignments	633	30%
Quizzes	415	30%
Midterm/Final	157	15%
Project	153	25%

For example if your grades are as follows:

Quiz grade is 83	multiply this by 30%	83×0.30	24.9
Assignment grade is 88	multiply this by 30%	88×0.30	26.4
Midterm/Final grade is 81	multiply this by 15%	81×0.15	12.15
Project grade is 92	multiply this by 25%	94×0.25	23
Total grade percentage			86.45 B

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

Students will be expected to meet all the learning outcomes listed and be able to demonstrate their understanding of the underlying concepts. All course requirements must be completed at a minimum of 75% to ensure mastery of subject material.

Final grades will be assigned based on the following grading scale:

- 93-100% = A

- 83-92% = B
- 75-82% = C
- 70-74% = D
- Below 69% = F

Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

9. Summarize basic principles involved in pharmacology, to include: drug properties, actions, and reactions.
10. Integrate basic sciences and applied pharmacology.
11. Interpret and write a prescription.
12. Highlight drugs pertinent to the practice of dentistry to include: autonomic drugs, analgesics, anti-infective agents, antifungal and antiviral agents, general anesthetics and antianxiety agents.
13. Comprehend the dental hygienist's role in pharmacologic management of oral conditions and disorders.
14. Summarize key drugs that may alter daily dental practice, to include: cardiovascular drugs, anticonvulsants, central nervous system agents, autacoids and antihistamines, adrenocorticosteroids, hormones, antineoplastics, respiratory agents, gastrointestinal agents, antiparkinsons, bisphosphonates, and herbal and dietary supplements.
15. Predict and manage possible medical/dental emergencies which may arise during dental treatment due to drug reactions and interactions.
16. Investigate signs of drug abuse.

Assessment

TBD after course curriculum is created

Institutional Policies

Please refer to the current College Catalog available online at:

http://www.salinatech.edu/prospective_students/college_catalog.shtml

Ethical Uses of Information

Salina Area Technical College (SATC) expects all students to maintain high standards of honor in personal and academic conduct. Any deviation from this expectation may result in a minimum of a failing grade for the assignment and potentially a failing grade for the course. All academic dishonesty concerns will be reported to SATC's Student Services office. Academic dishonesty includes, but is not limited to, cheating on an examination or other academic work, plagiarism and improper citation of sources, using another student's work, and the abuse of resource materials. When in doubt on collaboration, citation, or any issue, please contact me or see the College Catalog for more information.

Instructor Policies

Last Day to Withdraw with a “W”

See academic calendar for the last day to withdraw from this course

It is the student's responsibility to visit with their academic advisor prior to withdrawing from a class and to complete the appropriate withdrawal form and submit it to the Registrar's office.

Communication

All communication between faculty, administration, staff and advisors will be directed to the student email account. Example: lucy.smith@salinatech.edu Your specific email address should have been given to you. Your instructor also has your email address on their class roster. **It is the student's responsibility to check their SATC email account frequently.**

Attendance

Regular attendance and punctuality reflect an attitude of willingness to learn and ultimately affect success in the program and on the job. Any hour or major portion of an hour not in attendance is counted as an absence for that course. Students are expected to attend all scheduled class and examination meetings. You must maintain an 90% attendance in class. If attendance falls below 90% you will be considered unemployable and will be removed from the program. Students are also expected to maintain satisfactory progress in each of the classes in which they are enrolled. Complete attendance and makeup work policies can be found in the SATC Student Handbook and the Dental Hygiene Program Handbook.

Hybrid Attendance:

You will be required to log into the class a minimum of 2-3 times weekly and complete work both online and in the classroom. Pay close attention to deadlines, and allow yourself plenty of time to complete assignments, discussion questions, quizzes, and exams.

Computer Requirements

Taking this class requires you to have access to a computer (with Internet access) to complete and upload your assignments. It is your responsibility to have a working computer. ***Assignments and tests are due by the due date, and personal computer technical difficulties will not be considered reason for the instructor to allow students extra time to submit assignments, tests, or discussion postings. Your computer being down is not an excuse for missing a deadline!!*** There are many places to access your class! Our online classes can be accessed from any computer in the world which is connected to the internet. Contact your instructor immediately upon having computer trouble.

The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services.

Homework

Student will be expected to complete homework assignments on time. All assignments are due when class begins. No homework will be accepted after the due date unless prior arrangements have been made with the instructor. If the assignment is turned in after class has begun the late work policy will be applied. If a student is absent, they must turn in their work the first day back to campus. If a student has a planned absence their work must be turned in prior to the due date. Please see Coursework and Coursework Makeup Policy/Classroom Attendance policies in the program handbook.

Quizzes and Exams

All quizzes and exams are administered through the online course, Canvas Learning. Quiz information will be directly related to the topic of discussion. The course schedule will indicate which chapters the students will be quizzed on. Student will not get an opportunity to make up quizzes.

Midterm/Final Exam

These exams will be as scheduled. They will start 10 minutes after the beginning of class to allow for student questions. It is unacceptable to miss these exams. If the student is not present or late for the exams, then the student will receive a zero, which could result in failure of the class.

Notice of Non-Discrimination

Salina Area Technical College does not discriminate on the basis of race, religion, color, sex (including pregnancy and gender identity), sexual orientation, parental status, national origin, age, disability, family medical history or genetic information, military service, or any other non-merit based factor in admission or access to, or treatment or employment in, its programs and activities. Any person having inquiries concerning compliance with the regulations implementing Title VI, Title VII, ADA, Title IX, Section 504, Title II, GINA, is directed to contact the Vice President of Administrative Services. 2562 Centennial Rd, Salina, KS 67401, 785-309-3100.

Accessibility Services

Salina Area Technical College operates under the mandate of Section 504 and 508 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) Amendments Act of 2008, which prohibit discrimination on the basis of disability against any “otherwise qualified individual.” Individuals seeking accommodations must give reasonable notice (2 weeks or more) and provide documentation to support their request. Reasonable accommodations will be made on a case-by-case basis in order to ensure educational accessibility. Be aware that high school and college have different expectations and requirements and different laws regarding accommodations. Qualified students with documented disabilities may be able to qualify for accommodations. In order to receive services, students should contact:

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This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

DEN 125 Dental Radiography

Course Information

Course Number: HYG 125
Course Title: Dental Radiography
Prerequisites: Admission to the Dental Hygiene Program
Credit Hours: 2
Type of Instruction: Lecture/Lab
Meeting Days:
Meeting Times:
Meeting Location: Dental Classroom and Lab

Instructor Information

Instructor: Brooke Horner, MS, RDH
Phone: 785.309.3125
Cell: 316.312.0668
Email: Brooke.Horner@Salinatech.edu

Course Description

This course prepares the dental hygiene student to expose, process and critique intra and extraoral radiographs for clinical practice. Emphasis is placed on technique and individual patient radiographic need using standardized ALARA concepts. Students process, mount and evaluate radiographs for diagnostic value associated with patient care. Radiation production, biology and safety are required for students to make informed decisions and adjustments for optimum patient care.

Lecture/Lab Class:

For a lecture/lab class, instruction will be given in two instructional environments: classroom lecture and a laboratory session. For example, in a two credit hour course, a student will spend one hour each week in lecture and two hours each week in a scheduled or independent laboratory session. For each credit hour of lecture, a student should also expect to spend an additional two hours per week outside of class.

**** Please be advised****

Two full mouth series will be taken on a live patient prior to attending clinicals second semester. These surveys will be required to be evaluated at a grade of an 80% or better. The possibility exists for the need of more than two patients to satisfy this requirement. These surveys are to be taken during lab hours unless arranged by an instructor.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

Iannucci/Howerton, Dental Radiography Principles and Techniques; 5th edition, Elsevier, St. Louis, Missouri. ISBN: 978-0-323-29742-4

Iannucci/Howerton, Dental Radiography Principles and Techniques Workbook; 5th edition, Elsevier, St. Louis, Missouri. ISBN: 978-0-323-29742-4

Radiation badge- this will be dispensed within the first few weeks of class

Institutional Outcomes

The following institutional learning outcomes (bold faced) will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
Professionalism	100	10%
Tests	771	30%
Assignments	648	20%
Midterm/Final	210	15%
Project	105	15%

Competencies/Surveys	581	10%
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For example if your grades are as follows:

Professionalism grade is 95	multiply this by 10%	95×0.10	9.5
Test grade is 83	multiply this by 30%	83×0.30	24.9
Assignment grade is 88	multiply this by 20%	88×0.20	17.6
Midterm/Final grade is 81	multiply this by 15%	81×0.15	12.15
Project grade is 94	multiply this by 15%	94×0.15	14.1
Competencies grade is 80	Multiply this by 10%	80×0.10	8
Total grade percentage			86.25 B

All surveys (competencies) must be passed at 80% in order to pass. You will have as many attempts that you need to submit a survey that passes at 80%. However, you will not have unlimited attempts to pass a survey on a live patient. You will only be allowed 4 retakes on a live patient. If you do not pass a live patient at 80%, then you will need to bring in a new patient to complete the survey.

All projects and competencies must be completed in order to remain in the program. You cannot opt out of doing a project or competency and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

Students will be expected to meet all the learning outcomes listed and be able to demonstrate their understanding of the underlying concepts. All course requirements must be completed at a minimum of 75% to ensure mastery of subject material.

Final grades will be assigned based on the following grading scale:

- 93-100% = A
- 83-92% = B
- 75-82% = C
- 70-74% = D
- Below 69% = F

Competency Evaluation policy:

- a. See SATC Department Handbook

Course Learning Outcomes (Competencies)

PRECLINICAL

- Mounting
- Operation of NOMAD Pro
- Paralleling and Bisecting

CLINICAL

- Panoramic
- Live Patient FMX Series
- Live Patient FMX Series

SURVEYS – must pass at 80% proficiency (see attached sheet for specific number of surveys)

- FMX surveys
- BW surveys
- Occlusal Survey
- Pano survey

Course Outline

- I. Radiation Basics
 - A. Radiation History
 - i. Discovery of X-Radiation
 - ii. Pioneers in Dental X-Radiation
 - B. Radiation Physics
 - i. Production of X-Radiation
 - ii. Interactions of X-Radiation
 - C. Radiation Characteristics
 - i. Quality vs Quantity
 - D. Radiation Biology
 - i. Radiation Injury
 - ii. Radiation Effects
 - E. Radiation Protection
 - i. ALARA
- II. Equipment, Film and Processing Basics
 - A. Dental X-ray Equipment
 - B. Dental X-ray Film
 - C. Dental X-ray Image Characteristics
 - D. Film Processing
 - i. Automatic Film Processing
 - ii. Manual Film Processing
 - iii. Processing Problems and Solutions
 - E. Quality Assurance in the Dental Office
 - i. Quality Control Tests
 - ii. Operator Competency
- III. Dental Radiographer Basics
 - A. Dental Images and the Dental Radiographer
 - B. Patient Relations and the Dental Radiographer
 - C. Patient Education and the Dental Radiographer
 - D. Legal Issues and the Dental Radiographer
 - E. Infection Control and the Dental Radiographer
- IV. Technique Basics
 - A. Introduction to Dental Imaging Examinations
 - B. Paralleling Technique
 - C. Bisecting Technique
 - D. Bite-wing Technique – Horizontal and Vertical
 - E. Exposure and Technique Errors

- F. Occlusal and Localization Technique
- G. Panoramic Imaging
- H. Extraoral Imaging
- I. Imaging of Patients with Special Needs
 - i. Patients with Disabilities
 - ii. Pediatric Patients
 - iii. Patients with Specific Dental Needs
- V. Digital Imaging Basics
 - A. Digital Imaging
 - B. Three-Dimensional Digital Imaging
- VI. Normal Anatomy and Film Mounting Basics
 - A. Normal Anatomy: Intraoral Images
 - B. Film Mounting and Viewing
 - C. Normal Anatomy: Panoramic Images
- VII. Image Interpretation Basics
 - A. Introduction to Image Interpretation
 - B. Descriptive Terminology
 - C. Identification of Restorations, Dental Materials and Foreign Objects
 - D. Interpretation of Dental Caries
 - i. Classification of Dental Caries
 - ii. Conditions Resembling Caries
 - E. Interpretation of Periodontal Disease
 - F. Interpretation of Trauma, Pulpal Lesions and Periapical Lesions

Course Objectives

Competencies:

1. Describe the properties of radiation and its production in a dental X-ray unit.
2. Describe the biological effects of ionizing radiation, and practice principles of radiation hygiene and safety as they relate to the dental office.
3. Identify and discuss film characteristics: density, contrast definition and distortion.
4. Demonstrate the ability to expose diagnostically acceptable bitewing, periapical, occlusal and panoramic radiographs on pedodontic and adult patients.
5. Describe the general principles of darkroom construction, equipment and safe lighting, and process exposed radiographs utilizing proper darkroom procedures.
6. Correctly mount, label and critique intra and extraoral radiographs.
7. Differentiate between radiographic anatomical landmarks and abnormal anatomy or findings.
8. Describe and perform the proper maintenance procedures for processing and imaging dental radiographs.
9. Evaluate radiographs for film quality, technique and processing errors.
10. Conduct patient education to various age groups utilizing radiographs as an educational tool.
11. Determine frequency and type of radiographic exposure based on patient need and clinical considerations.
12. Demonstrate proficiency in duplicating radiographs.
13. Demonstrate proper infection control procedures when exposing radiographs in the clinic and processing in the darkroom or imaging room.

Assessment

1. Student will develop skills to master the art of taking intraoral radiographs.
2. Students will demonstrate knowledge of the process of x-ray production to include the parts of the x-ray tube head and how x-rays are produced within the tube head.
3. Students will demonstrate knowledge of film processing and the chemical reactions in the process of film development.

Institutional Policies

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http://www.salinatech.edu/prospective_students/college_catalog.shtml

Ethical Uses of Information

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Instructor Policies

Last Day to Withdraw with a "W"

See academic calendar for the last day to withdraw from this course

It is the student's responsibility to visit with their academic advisor prior to withdrawing from a class and to complete the appropriate withdrawal form and submit it to the Registrar's office.

Communication

All communication between faculty, administration, staff and advisors will be directed to the student email account. Example: lucy.smith@salinatech.edu Your specific email address should have been given to you. Your instructor also has your email address on their class roster. **It is the student's responsibility to check their SATC email account frequently.**

Attendance

Regular attendance and punctuality reflect an attitude of willingness to learn and ultimately affect success in the program and on the job. Any hour or major portion of an hour not in attendance is counted as an absence for that course. Students are expected to attend all scheduled class and examination meetings. You must maintain an 80% attendance in class. If attendance falls below 80% you will be considered unemployable and will be removed from the program. Students are also expected to maintain satisfactory progress in each of the classes in which they are enrolled. Complete attendance and makeup work policies can be found in the SATC Student Handbook and the Dental Assistant Program Handbook.

Hybrid Attendance:

You will be required to log into the class a minimum of 2-3 times weekly and complete work both online and in the classroom. Pay close attention to deadlines, and allow yourself plenty of time to complete assignments, discussion questions, quizzes, and exams.

Computer Requirements

Taking this class requires you to have access to a computer (with Internet access) to complete and upload your assignments. It is your responsibility to have a working Windows computer. ***Assignments and tests are due by the due date, and personal computer technical difficulties will not be considered reason for the instructor to allow students extra time to submit assignments, tests, or discussion postings. Your computer being down is not an excuse for missing a deadline!!*** There are many places to access your class! Our online classes can be accessed from any computer in the world which is connected to the internet. Contact your instructor immediately upon having computer trouble.

The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services.

Homework

Student will be expected to complete homework assignments on time. All assignments are due when class begins. No homework will be accepted after the due date unless prior arrangements have been made with the instructor. If the assignment is turned in after class has begun the late work policy will be applied. If a student is absent, they must turn in their work the first day back to campus. If a student has a planned absence their work must be turned in prior to the due date. Please see Coursework and Coursework Makeup Policy/Classroom Attendance policies in the program handbook.

Quizzes and Exams

All quizzes and exams are administered through the online course, Blackboard Learning. Quiz information will be directly related to the topic of discussion. The course schedule will indicate which chapters the students will be quizzed on. Student will not get an opportunity to make up quizzes.

Midterm/Final Exam

These exams will be as scheduled. They will start 10 minutes after the beginning of class to allow for student questions. It is unacceptable to miss these exams. If the student is not present or late for these exams, then the student will receive a zero, which could result in failure of the class.

Projects

Film Developing

This is an individual project in which you will address film and film development. Details can be found in Canvas.

Extraoral Projections

Your group will be assigned an extraoral projection in which you will be required to present to the class. Details can be found on Canvas.

Tubehead/X-ray production

This is an individual project in which you will draw a tube and describe how a radiation beam is created within the tubehead. Details can be found in Canvas.

Extra Credit

Extra credit may be offered at the discretion of the instructor.

Surveys Required Required

Film surveys will need to be completed in order to determine competency. **To demonstrate competency and to be able to pass the course, the minimum score on the surveys must be 80%.**

- Four (4) Full mouth surveys
 - 2 Parallelizing (one 18-film and one 20-film)

- 1 Bisecting
 - Pano
- Two (2) Occlusal survey (one adult/one child)
- Four (4) 4 BW surveys (this could be part of the full mouth and evaluated separately)
 - 2 Vertical
 - 2 Horizontal
- Two (2) 2 HBW - Child
- One (1) 7VBW

Instructor Work Ethic Policies

- Students should address the instructor for concerns regarding issues related to class.
- Students must adhere to dress code addressed in the student handbook.
- Students must be aware of hazards and adhere to safety regulations with in the lab and working with materials.
- Be a team player. If you excel at a skill where another is delinquent, help them. You may explain it better than the instructor.
- Students are to be respectful of their fellow classmates. This means refraining from the misuse of electronic devices.
- If a student's use of an electronic device becomes distracting, that student may be asked to leave.

Radiographic Grading Criteria is as Follows:

Error	No Error -0	Minor Error -1 pt	Major Error -3	Critical Error -5
Placement	Film is diagnostic with no errors	Minor exposure or processing errors that do not affect the diagnostic quality of the film.	Errors that diminish the diagnostic quality	Errors that render the film undiagnostic
Technique	Film is diagnostic with no errors	Minor exposure or processing errors that do not affect the diagnostic quality of the film.	Errors that diminish the diagnostic quality	Errors that render the film undiagnostic
Developing	Film is diagnostic with no errors	Minor exposure or processing errors that do not affect the diagnostic quality of the film.	Errors that diminish the diagnostic quality	Errors that render the film undiagnostic
Mounting				No points will be given until all views are properly mounted.

*** Overlapped contacts on posterior periapical exposures are not counted as errors. The crowns can be seen in a bitewing view. However, anterior films need open mesial contact. If the mesial is overlapped on anterior films/images, use horizontal angulation error guidelines to critique the radiograph.**

**** To obtain a diagnostic periapical film, 2-3mm of bone is to be seen apically to the roots of exposed teeth and 1-2 mm of film above incisal/occlusal edge. If roots are too close to the edge of the radiograph, the image/film is deemed non-diagnostic. If crown ridges are too close to the edge of the radiography, the image/film is deemed as a minor to major error.**

When exposing radiographs on patients, no retakes are allowed without consent of an instructor. Retakes are limited to 5 digital images during an 18/20 image full mouth series, or 1 digital images on a 4 image bitewing survey. Retakes are only to be done at discretion of clinical instructor. Patients are to be given a copy of the survey and a survey is to be emailed to the patient's DDS office, if applicable.

For patient eligibility restrictions and guidelines, see department handbook.

All exposures will be written in the exposure log, including date, student, patient's first initial and last name, and any retakes initialed by clinical instructor-this is per government health regulations and CODA standards.

Every survey will be turned in for grading after the student has critiqued his/her own series of radiographs per grading criteria as stated in the syllabus and SATC department handbook. The survey with retakes will be turned in to show the radiographs in question were retaken.

To schedule a Radiology Patient for radiographs-

All forms are to be filled out completely and correctly and scanned into pt's chart in computer PRIOR to appointing pt.

- All FMX appts are 50 min only.
- All BWX appts are 25 min appts.

***Pt's may need to be brought back if time runs out. No incomplete radiographic surveys will be accepted for grading.*

- Medical History
- Dental History
- Rx from pt's current DDS
- Signed consent form from patient
- HIPAA Agreement
- Instructor signature acknowledging pt meets clinical requirements to be seen in SATC clinic.

If patient eligibility protocols are not followed the student will not receive a grade on the survey resulting in the need for another patient survey and possible removal from the program.

Practice management software is monitored to insure ethical radiation practices are being utilized in Radiology labs and on patients. If a student is found to be unethical in his/her radiation practices, this is grounds for dismissal from the program.

SALINA AREA TECHNICAL COLLEGE RADIOGRAPHY SAFETY PROCEDURES

HEALTH HISTORY WILL BE COMPLETED BY EITHER THE PATIENT OR STUDENT PRIOR TO EXPOSING RADIOGRAPHS. IT WILL BE REVIEWED BY THE INSTRUCTOR AND SIGNED BY THE PATIENT, PARENT OR GUARDIAN.

A CONSENT FORM WILL BE SIGNED BY EACH PATIENT PRIOR TO EXPOSURE.

- 1. Only the patient will be in the exam room during radiographic exposure.**
- 2. Any person assisting a patient in the exam room shall be recorded on the patient log as a holder.**
- 3. Any person helping or assisting a patient shall wear a lead apron.**
- 4. Any student or instructor performing a radiographic procedure shall stand behind the protective barrier for exposures.**
- 5. Radiation monitoring devices will be used and worn by students and instructions on proper use will be given.**
- 6. Lead aprons will be used on all patients.**
- 7. Collimators, diaphragms, or cones will be used to collimate the useful beam to the area of interest.**
- 8. Gloves will be worn for all radiographic procedures.**
- 9. Safety glasses will be worn for radiographic procedures.**
- 10. The x-ray exposure area will be disinfected after each patient.**
- 11. If a retake is necessary, please see the instructor before taking the exposure.**
- 12. All radiographic exposures will be recorded in the x-ray log.**
- 13. All materials for each patient will be placed together with a paper clip and placed in the evaluation folder.**

Salina Area Tech Dental Assistant Program Criteria for the Use of Ionizing Radiation

Students of the dental assistant program will take radiographic surveys on **at least two** live patients at school as a part of their radiographic education. Students will take radiographic surveys on manikins and develop competence prior to taking films on live patients.

Patients may be recruited by the student, referred by the Salina Cares Clinic or by a private dental office. Individuals who wish to have radiographs taken by students at the Salina Area Tech Dental Assistant Program should check with their own dentist prior to having radiographs taken to ensure the diagnostic need for the films. Individuals must read and sign a consent form prior to being exposed to x-rays, and a dentist must prescribe the radiographs. Individuals who wish to have radiographs taken must complete a medical history form which will be reviewed and signed by both the patient and the instructor. Patients will not be eligible for a full mouth survey (FMS) if they have had a FMS in the past 3 years, or if they have had radiation treatment during that time period. Individuals will not be eligible to have bitewing radiographs/images taken if this survey of films/images has been completed within the past 12 months.

Students are required to have the instructor review the radiographs prior to release of the patient. There will be a total of five permissible retakes for a complete mouth survey of eighteen films when taken on a live patient. A complete bitewing survey may be retaken with one retake for each film.

All radiographs taken on patients should be for diagnostic purposes. The dental assistant program will send the films to the doctor listed on the patient's consent form after they have been reviewed with the instructor. Radiographs will not be released to the patient, but will be kept on file at the dental assistant program until they are requested by the doctor's office.

Patients will need proper documentation of dentist prescribed images/films such as a written prescription or note from a dentist, signed and dated.

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Accessibility Services

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Qualified students with documented disabilities may be able to qualify for accommodations. In order to receive services, students should contact:

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This syllabus was approved: 24-May-18



COURSE SYLLABUS

HYG 150 Clinical Dental Hygiene II

Course Information

Course Number:	HYG 150
Course Title:	Clinical Dental Hygiene II
Prerequisites:	Completion of all 1 st semester dental hygiene classes
Credit Hours:	4
Type of Instruction:	Lecture/Lab
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom and Dental Lab

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

This course introduces more advanced concepts in clinical dental hygiene, as well as refines assessment and instrumentation skills. Students will provide direct patient care in a supervised clinical setting in this course. The clinical experiences will include patient assessment, dental hygiene diagnosis, oral prophylaxis, periodontal therapy, oral health education, and radiographs. Students will provide dental hygiene care to level I and II patients including individuals of all ages and medically compromised patients. Emphasis will be placed on the students' ability to demonstrate comprehensive treatment planning. Students will be required to use the SOAP method of documentation.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
Assignments	633	30%
Quizzes	415	30%
Midterm/Final	157	15%
Project	153	25%

For example if your grades are as follows:

Quiz grade is 83	multiply this by 30%	83×0.30	24.9
Assignment grade is 88	multiply this by 30%	88×0.30	26.4
Midterm/Final grade is 81	multiply this by 15%	81×0.15	12.15
Project grade is 92	multiply this by 25%	94×0.25	23
Total grade percentage			86.45 B

Competencies must be passed at the level of knowledge that is noted on each competency. This varies but can be found on the competency sheet itself. You have three (3) opportunities to pass the competency at the specified level. If the competency is not passed on the first attempt, students will get a second chance but will receive a grade deduction of 20% on the earned grade. If the competency is not passed on the second attempt, students will get a third chance but will receive a grade deduction of 50% on the earned grade. If the competency is not passed on the third attempt, a fourth attempt will not be given and the student will be removed from the dental hygiene program regardless of your final course grade.

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

Students will be expected to meet all the learning outcomes listed and be able to demonstrate their understanding of the underlying concepts. All course requirements must be completed at a minimum of 75% to ensure mastery of subject material.

Final grades will be assigned based on the following grading scale:

- 93-100% = A
- 83-92% = B
- 75-82% = C
- 70-74% = D
- Below 69% = F

Course Learning Outcomes (Skill Assessments)

- TBD based upon book choice

Course Outline

TBD based upon book choice

Course Objectives

7. Provide accurate, consistent, and complete documentation for assessment, diagnosis, planning, implementation, and evaluation of dental hygiene services.
8. Demonstrate knowledge of and skill in applying dental hygiene methodology of care that includes the proper use of armamentarium and equipment for providing dental care to all patients including all ASA levels.
9. Assess and analyze objective and subjective patient findings to formulate an evidenced-based, patient-centered dental hygiene diagnosis.
10. Asepsis protocol of recommended clinical guidelines for infection and hazard management prior, during and after the provision of dental hygiene services.
11. Selecting operator positioning strategies to prevent or lessen the risk of injury to self

and/or patient during implementation of dental hygiene care.

Assessment

TBD after course curriculum is created

Institutional Policies

Please refer to the current College Catalog available online at:

http://www.salinatech.edu/prospective_students/college_catalog.shtml

Ethical Uses of Information

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All communication between faculty, administration, staff and advisors will be directed to the student email account. Example: lucy.smith@salinatech.edu Your specific email address should have been given to you. Your instructor also has your email address on their class roster. **It is the student's responsibility to check their SATC email account frequently.**

Attendance

Regular attendance and punctuality reflect an attitude of willingness to learn and ultimately affect success in the program and on the job. Any hour or major portion of an hour not in attendance is counted as an absence for that course. Students are expected to attend all scheduled class and examination meetings. You must maintain an 90% attendance in class. If attendance falls below 90% you will be considered unemployable and will be removed from the program. Students are also expected to maintain satisfactory progress in each of the classes in which they are enrolled. Complete attendance and makeup work policies can be found in the SATC Student Handbook and the Dental Hygiene Program Handbook.

Hybrid Attendance:

You will be required to log into the class a minimum of 2-3 times weekly and complete work both online and in the classroom. Pay close attention to deadlines, and allow yourself plenty of time to complete assignments, discussion questions, quizzes, and exams.

Computer Requirements

Taking this class requires you to have access to a computer (with Internet access) to complete and upload your assignments. It is your responsibility to have a working computer. ***Assignments and tests are due by the due date, and personal computer technical difficulties will not be considered reason for***

the instructor to allow students extra time to submit assignments, tests, or discussion postings. Your computer being down is not an excuse for missing a deadline!! There are many places to access your class! Our online classes can be accessed from any computer in the world which is connected to the internet. Contact your instructor immediately upon having computer trouble.

The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services.

Homework

Student will be expected to complete homework assignments on time. All assignments are due when class begins. No homework will be accepted after the due date unless prior arrangements have been made with the instructor. If the assignment is turned in after class has begun the late work policy will be applied. If a student is absent, they must turn in their work the first day back to campus. If a student has a planned absence their work must be turned in prior to the due date. Please see Coursework and Coursework Makeup Policy/Classroom Attendance policies in the program handbook.

Quizzes and Exams

All quizzes and exams are administered through the online course, Canvas Learning. Quiz information will be directly related to the topic of discussion. The course schedule will indicate which chapters the students will be quizzed on. Student will not get an opportunity to make up quizzes.

Midterm/Final Exam

These exams will be as scheduled. They will start 10 minutes after the beginning of class to allow for student questions. It is unacceptable to miss these exams. If the student is not present or late for the exams, then the student will receive a zero, which could result in failure of the class.

Notice of Non-Discrimination

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***Changes may be made to the syllabus at the discretion of the faculty.**

This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 155 Periodontics

Course Information

Course Number:	HYG 155
Course Title:	Periodontics
Prerequisites:	Completion of 1 st semester Dental Hygiene Classes
Credit Hours:	3
Type of Instruction:	Lecture
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

The etiology of periodontal disease, as well as the assessment, diagnosis, and treatment options, will be discussed, including clinical procedures and associated surgical interventions. The clinical, histopathological, and pathogenesis of gingivitis and periodontitis is included, and emphasis will be placed on the progression of periodontal disease and the role of the dental hygienist in the management and treatment of disease. Evaluation of periodontal treatment, the maintenance phase of periodontal treatment, and the relationship between periodontics and other disciplines in dentistry will be discussed.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

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Total grade percentage			86.45 B

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

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Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

1. Compare clinical characteristics of healthy gingiva to gingiva involved with inflammatory disease processes.
2. Discuss the etiology of periodontal disease with reference to microorganisms and other influencing factors such as Host Response, Systemic, and Local Risk Factors.
3. Discuss the impact of the medical history on periodontal therapy.
4. Describe and demonstrate clinical periodontal assessment.
5. Discuss, describe, and demonstrate the use of radiographs for periodontal evaluation.
6. Discuss, describe, and demonstrate the sequence, planning, and communication of treatment of the periodontal patient.
7. Discuss the various surgical procedures utilized in the treatment of periodontal disease and maintenance of the periodontal patient.
8. Develop a comprehensive dental hygiene treatment plan for the periodontally involved patient.

Assessment

TBD after course curriculum is created

Institutional Policies

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Hybrid Attendance:

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Computer Requirements

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***Changes may be made to the syllabus at the discretion of the faculty.**

This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 160 Hygiene Education & Prevention

Course Information

Course Number:	HYG 160
Course Title:	Hygiene Education & Prevention
Prerequisites:	Completion of 1 st semester Dental Hygiene Classes
Credit Hours:	2
Type of Instruction:	Lecture
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

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- **Advance the profession through service activities and affiliations with professional organizations.**
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- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

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- Below 69% = F

Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

1. Discuss and recognize the fundamental anatomy, physiology and pharmacology involved in the skillful implementation of local anesthetics.
2. Describe and discuss the foundational information necessary to becoming competent in the evaluation of the psychological and physical status of the patient before, during and after the administration of local anesthesia.
3. Develop an understanding for the need for adjustment of local anesthetic and vasoconstrictor doses for healthy and medically compromised patients.
4. Learn the foundational information necessary to develop competency in the prevention, recognition and initial management procedures to the adverse effects of local anesthetics or complications following local anesthetic administration.
5. Recognize and discuss local anesthetic failures and corrective measures.
6. Learn the foundational information necessary for the development of competency in the maintenance of proper records with accurate entries to reflect any medical, drug or complications associated with local anesthetic administration.

Assessment

TBD after course curriculum is created

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Quizzes and Exams

All quizzes and exams are administered through the online course, Canvas Learning. Quiz information will be directly related to the topic of discussion. The course schedule will indicate which chapters the students will be quizzed on. Student will not get an opportunity to make up quizzes.

Midterm/Final Exam

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***Changes may be made to the syllabus at the discretion of the faculty.**

This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 160 Preventative Dental Hygiene

Course Information

Course Number: HYG 160
Course Title: Preventative Dental Hygiene
Prerequisites: Completion of 1st semester Dental Hygiene Classes
Credit Hours: 2
Type of Instruction: Lecture
Meeting Days:
Meeting Times:
Meeting Location: Dental Classroom

Instructor Information

Instructor: Brooke Horner, RDH, MS
Phone: Office 785-309-3125 Cell 316-312-0668
E-mail: Brooke.Horner@salinatech.edu

Course Description

An introduction to concepts used in oral health instruction and patient education. Topics include: the etiology of dental disease; plaque control; oral physiotherapy; methodology of oral health instruction; behavior change counseling; tobacco use interventions; and patient motivational techniques. This course is designed to provide the student with an opportunity to develop skills that are necessary for teaching patients how to achieve and maintain optimal dental health and to practice interpersonal, professional, and patient education communication skills.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**

- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
Assignments	633	30%
Quizzes	415	30%
Midterm/Final	157	15%
Project	153	25%

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Quiz grade is 83	multiply this by 30%	83×0.30	24.9
Assignment grade is 88	multiply this by 30%	88×0.30	26.4
Midterm/Final grade is 81	multiply this by 15%	81×0.15	12.15
Project grade is 92	multiply this by 25%	94×0.25	23
Total grade percentage			86.45 B

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

Students will be expected to meet all the learning outcomes listed and be able to demonstrate their understanding of the underlying concepts. All course requirements must be completed at a minimum of 75% to ensure mastery of subject material.

Final grades will be assigned based on the following grading scale:

- 93-100% = A

- 83-92% = B
- 75-82% = C
- 70-74% = D
- Below 69% = F

Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

1. Apply the theories related to oral health and disease in the following areas: a.) types, composition, and characteristics of oral deposits such as dental plaque, calculus, and materia alba; b.) etiology and features of dental caries and prevention of dental caries; c.) etiology and features of periodontal diseases and their prevention and treatment.
2. Justify the basic role of fluoride in the prevention of oral diseases.
3. Select and demonstrate proper techniques for the use of oral physiotherapy (OPT) aids including: a.) toothbrushes/toothpastes; b.) powered toothbrushes; c.) flossing; and d.) supplemental OPT aids.
4. Identify situations that may require the use of oral irrigators.
5. Compare and contrast the protocol for cleaning dental appliances and implants.
6. Utilize effective communication skills along with motivational behavior change and educational techniques to provide individualized patient counseling/education.
7. Develop individualized preventive self-care plans based on patient needs/conditions.
8. Develop individualized tobacco use intervention plans, including health promotion and tobacco cessation, based on patient needs/conditions.

Assessment

TBD after course curriculum is created

Institutional Policies

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Ethical Uses of Information

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Last Day to Withdraw with a “W”

See academic calendar for the last day to withdraw from this course

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Attendance

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Hybrid Attendance:

You will be required to log into the class a minimum of 2-3 times weekly and complete work both online and in the classroom. Pay close attention to deadlines, and allow yourself plenty of time to complete assignments, discussion questions, quizzes, and exams.

Computer Requirements

Taking this class requires you to have access to a computer (with Internet access) to complete and upload your assignments. It is your responsibility to have a working computer. ***Assignments and tests are due by the due date, and personal computer technical difficulties will not be considered reason for the instructor to allow students extra time to submit assignments, tests, or discussion postings. Your computer being down is not an excuse for missing a deadline!!*** There are many places to access your class! Our online classes can be accessed from any computer in the world which is connected to the internet. Contact your instructor immediately upon having computer trouble.

The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services.

Homework

Student will be expected to complete homework assignments on time. All assignments are due when class begins. No homework will be accepted after the due date unless prior arrangements have been made with the instructor. If the assignment is turned in after class has begun the late work policy will be applied. If a student is absent, they must turn in their work the first day back to campus. If a student has a planned absence their work must be turned in prior to the due date. Please see Coursework and Coursework Makeup Policy/Classroom Attendance policies in the program handbook.

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This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 165 Pain Management

Course Information

Course Number:	HYG 165
Course Title:	Pain Management
Prerequisites:	Completion of 1 st semester Dental Hygiene Classes
Credit Hours:	2
Type of Instruction:	Lecture
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

This course is designed to prepare the dental hygiene student with the necessary theory to appropriately treatment plan and successfully administer topical anesthesia and local infiltration anesthesia to increase patient comfort and control pain when providing dental hygiene services. Various modalities of pain control available to the dental hygienist will be discussed. Students will study both the theory and the practical application of pain control

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
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- **Demonstrate effective written and verbal communication.**
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Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**

- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

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Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

7. Discuss and recognize the fundamental anatomy, physiology and pharmacology involved in the skillful implementation of local anesthetics.
8. Describe and discuss the foundational information necessary to becoming competent in the evaluation of the psychological and physical status of the patient before, during and after the administration of local anesthesia.
9. Develop an understanding for the need for adjustment of local anesthetic and vasoconstrictor doses for healthy and medically compromised patients.
10. Learn the foundational information necessary to develop competency in the prevention, recognition and initial management procedures to the adverse effects of local anesthetics or complications following local anesthetic administration.
11. Recognize and discuss local anesthetic failures and corrective measures.
12. Learn the foundational information necessary for the development of competency in the maintenance of proper records with accurate entries to reflect any medical, drug or complications associated with local anesthetic administration.

Assessment

TBD after course curriculum is created

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Hybrid Attendance:

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This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 210 Clinical Dental Hygiene III

Course Information

Course Number:	HYG 210
Course Title:	Clinical Dental Hygiene II
Prerequisites:	Completion of all 2 nd semester dental hygiene classes
Credit Hours:	6
Type of Instruction:	Lecture/Lab
Meeting Days:	

Meeting Times:

Meeting Location: Dental Classroom and Dental Lab

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

Students will provide direct patient care in a supervised clinical setting in this course. The clinical experiences will include patient assessment, dental hygiene diagnosis, oral prophylaxis, non-surgical periodontal therapies, periodontal maintenance, oral health education, and radiographs. Students will provide dental hygiene care to level I, II, and III patients including individuals of all ages and medically compromised patients. Emphasis will be placed on the students' ability to demonstrate comprehensive periodontal treatment planning. Students will be required to use the SOAP method of documentation. Additional clinical experiences will include the use of ultrasonic instrumentation, amalgam polishing, and application of pit and fissure sealants.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
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- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

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- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

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Total grade percentage			86.45 B

Competencies must be passed at the level of knowledge that is noted on each competency. This varies but can be found on the competency sheet itself. You have three (3) opportunities to pass the competency at the specified level. If the competency is not passed on the first attempt, students will get a second chance but will receive a grade deduction of 20% on the earned grade. If the competency is not passed on the second attempt, students will get a third chance but will receive a grade deduction of 50% on the earned grade. If the competency is not passed on the third attempt, a fourth attempt will not be given and the student will be removed from the dental hygiene program regardless of your final course grade.

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Course Learning Outcomes (Skill Assessments)

- TBD based upon book choice

Course Outline

TBD based upon book choice

Course Objectives

12. Provide accurate, consistent, and complete documentation for assessment, diagnosis, planning, implementation, and evaluation of dental hygiene services.
13. Demonstrate knowledge of and skill in applying dental hygiene methodology of care that includes the proper use of armamentarium and equipment for providing dental care to all patients including all ASA levels.
14. Assess and analyze objective and subjective patient findings to formulate an evidenced-based, patient-centered dental hygiene diagnosis.
15. Asepsis protocol of recommended clinical guidelines for infection and hazard management prior, during and after the provision of dental hygiene services.
16. Selecting operator positioning strategies to prevent or lessen the risk of injury to self and/or patient during implementation of dental hygiene care.

Assessment

TBD after course curriculum is created

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***Changes may be made to the syllabus at the discretion of the faculty.**

This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 215 General & Oral Pathology

Course Information

Course Number:	HYG 215
Course Title:	General & Oral Pathology
Prerequisites:	Completion of 2 nd semester Dental Hygiene Classes
Credit Hours:	3
Type of Instruction:	Lecture

Meeting Days:
Meeting Times:
Meeting Location: Dental Classroom

Instructor Information

Instructor: Brooke Horner, RDH, MS
Phone: Office 785-309-3125 Cell 316-312-0668
E-mail: Brooke.Horner@salinatech.edu

Course Description

This course has been designed to integrate oral pathology and general pathology. Students will study principles of general pathology with emphasis on the relationships to oral diseases. Pathologic physiology is included such as tissue regeneration, the inflammatory process, immunology and wound healing. Clinical appearance, etiology, location and treatment options of general system diseases is presented, along with the oral manifestations. Special attention will be placed on common pathological conditions of the oral cavity and early recognition of these conditions.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
Assignments	633	30%
Quizzes	415	30%
Midterm/Final	157	15%
Project	153	25%

For example if your grades are as follows:

Quiz grade is 83	multiply this by 30%	83×0.30	24.9
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Project grade is 92	multiply this by 25%	94×0.25	23
Total grade percentage			86.45 B

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

Students will be expected to meet all the learning outcomes listed and be able to demonstrate their understanding of the underlying concepts. All course requirements must be completed at a minimum of 75% to ensure mastery of subject material.

Final grades will be assigned based on the following grading scale:

- 93-100% = A
- 83-92% = B
- 75-82% = C
- 70-74% = D
- Below 69% = F

Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

1. Describe the dental hygienist responsibility in recognizing, documenting and referring oral pathology.
2. Differentiate between normal, deviations of normal and pathology of oral tissues,
3. Discuss and describe a differential and definitive diagnosis with other professionals.
4. Educate and inform the patient regarding their oral lesions.
5. Analyze and correlate lesions according to predilection, appearance, symptoms, cause and treatment.
6. Analyze disease significance in relationship to treatment priority.

Assessment

TBD after course curriculum is created

Institutional Policies

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Ethical Uses of Information

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Hybrid Attendance:

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Computer Requirements

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This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 220 Nutrition & Oral Health

Course Information

Course Number:	HYG 220
Course Title:	Nutrition & Oral Health
Prerequisites:	Completion of 2 nd semester Dental Hygiene Classes
Credit Hours:	2
Type of Instruction:	Lecture
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor: Brooke Horner, RDH, MS
Phone: Office 785-309-3125 Cell 316-312-0668
E-mail: Brooke.Horner@salinatech.edu

Course Description

Nutrition in Dental Health will explore basic concepts of nutrition as they apply to general and oral health. Students will learn to identify clinic patients with dietary and nutritional deficiencies, provide nutritional counseling treatment plans, and adapt behavioral modification techniques.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

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Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

1. Describe the function and daily requirements of fats, carbohydrates, proteins, vitamins, and minerals in preventing disease and maintaining health.

2. Describe the relationship between fermentable carbohydrates and dental caries.
3. Recognize clinical signs and symptoms of nutritional deficiencies and excesses; describe prevention and treatment.
4. Name specific nutritional health risks associated with particular stages of the life cycle, i.e. childhood, pregnancy, elderly.
5. Identify an appropriate patient for nutritional counseling, develop a dietary treatment plan, and accurately assess the results.

Assessment

TBD after course curriculum is created

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COURSE SYLLABUS

HYG 225 Dental Materials

Course Information

Course Number:	HYG 225
Course Title:	Dental Materials
Prerequisites:	Completion of 2 nd semester Dental Hygiene Classes
Credit Hours:	2
Type of Instruction:	Lecture/Lab
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

This course is an introduction to the study of the physical and chemical properties of dental materials utilized in the dental office. Topics include: the clinical skills necessary for the dental hygienist in the proper manipulation of dental materials, considerations of the mechanical functions, clinical appearances, and biocompatible properties of dental materials.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

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- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

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- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

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Total grade percentage			86.45 B

Competencies must be passed at the level of knowledge that is noted on each competency. This varies but can be found on the competency sheet itself. You have three (3) opportunities to pass the competency at the specified level. If the competency is not passed on the first attempt, students will get a second chance but will receive a grade deduction of 20% on the earned grade. If the competency is not passed on the second attempt, students will get a third chance but will receive a grade deduction of 50% on the earned grade. If the competency is not passed on the third attempt, a fourth attempt will not be given and the student will be removed from the dental assisting program.

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Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

17. Discuss the properties of dental materials and factors that they affect their application
18. Discuss some of the conditions that make the oral cavity a hostile environment and identify properties a dental material must have to survive in the oral environment.

19. Explain the role of the ADA, FDA, and ISO in classifying or evaluating dental drugs, materials, instruments, and equipment.
20. Name and discuss three ways dental materials may be classified.
21. Discuss the six cavity classifications and their locations and identify the appropriate restorative material for each area
22. Demonstrate and describe the types of impression taken in a dental office to include trays and their characteristics of use.
23. Demonstrate safety precautions that should be taken in the dental laboratory.
24. Pour a dental model using gypsum products and identify the role of models in dentistry

Assessment

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***Changes may be made to the syllabus at the discretion of the faculty.**

This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 230 Dental Public Health

Course Information

Course Number:	HYG 230
Course Title:	Dental Public Health
Prerequisites:	Completion of 2 nd semester Dental Hygiene Classes
Credit Hours:	2
Type of Instruction:	Lecture
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

Dental Health is the science and art of promoting oral health and preventing oral disease in a community setting. Through this course students acquire knowledge, attitudes, skills and behaviors necessary to promote dental health and prevent disease through organized community based programs. Students are introduced to basic principles of research methodology and biostatistics, epidemiological indices, population needs, and community health planning methods for dental education of the public

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
----------	-----------------	---------------------

Assignments	633	30%
Quizzes	415	30%
Midterm/Final	157	15%
Project	153	25%

For example if your grades are as follows:

Quiz grade is 83	multiply this by 30%	83×0.30	24.9
Assignment grade is 88	multiply this by 30%	88×0.30	26.4
Midterm/Final grade is 81	multiply this by 15%	81×0.15	12.15
Project grade is 92	multiply this by 25%	92×0.25	23
Total grade percentage			86.45 B

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

Students will be expected to meet all the learning outcomes listed and be able to demonstrate their understanding of the underlying concepts. All course requirements must be completed at a minimum of 75% to ensure mastery of subject material.

Final grades will be assigned based on the following grading scale:

- 93-100% = A
- 83-92% = B
- 75-82% = C
- 70-74% = D
- Below 69% = F

Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

25. Discuss the interrelationships among dental need, demand, utilization and provision for care.
26. Discuss various financing methods for dental care, both private and public.
27. Define epidemiology and give examples of its practical application.
28. Define and discuss epidemiological methods for determining treatment needs in a population.
29. Discuss health literacy as it specifically pertains to community oral health.
30. Contrast the principles of community based dentistry with those of private practice dentistry.
31. Associate the epidemiology of oral diseases with current public health measures and community dental programs

Assessment

TBD after course curriculum is created

Institutional Policies

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Hybrid Attendance:

You will be required to log into the class a minimum of 2-3 times weekly and complete work both online and in the classroom. Pay close attention to deadlines, and allow yourself plenty of time to complete assignments, discussion questions, quizzes, and exams.

Computer Requirements

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Homework

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Quizzes and Exams

All quizzes and exams are administered through the online course, Canvas Learning. Quiz information will be directly related to the topic of discussion. The course schedule will indicate which chapters the students will be quizzed on. Student will not get an opportunity to make up quizzes.

Midterm/Final Exam

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This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 250 Clinical Dental Hygiene IV

Course Information

Course Number:	HYG 250
Course Title:	Clinical Dental Hygiene IV
Prerequisites:	Completion of all 2 nd semester dental hygiene classes
Credit Hours:	6
Type of Instruction:	Lecture/Lab
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom and Dental Lab

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

In this course, students will provide direct patient care in supervised clinical settings. The clinical experiences will include patient assessment, dental hygiene diagnosis, oral prophylaxis, complete periodontal therapy, oral health education, and radiographs. Students will provide dental hygiene care to patient level I, II, III, and IV. Emphasis will be placed on the students' ability to demonstrate comprehensive periodontal treatment and improved time management by completing multiple patients in one clinic session. Students will be required to use the SOAP note method of documentation. Includes intramural dental hygiene and dental school rotations and extramural site assignments.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**
- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
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Project grade is 92	multiply this by 25%	94×0.25	23
Total grade percentage			86.45 B

Competencies must be passed at the level of knowledge that is noted on each competency. This varies but can be found on the competency sheet itself. You have three (3) opportunities to pass the competency at the specified level. If the competency is not passed on the first attempt, students will get a second chance but will receive a grade deduction of 20% on the earned grade. If the competency is not passed on the second attempt, students will get a third chance but will receive a grade deduction of 50% on the earned grade. If the competency is not passed on the third attempt, a fourth attempt will not be given and the student will be removed from the dental hygiene program regardless of your final course grade.

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

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Final grades will be assigned based on the following grading scale:

- 93-100% = A
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Course Learning Outcomes (Skill Assessments)

- TBD based upon book choice

Course Outline

TBD based upon book choice

Course Objectives

32. Provide accurate, consistent, and complete documentation for assessment, diagnosis, planning, implementation, and evaluation of dental hygiene services.
33. Demonstrate knowledge of and skill in applying dental hygiene methodology of care that includes the proper use of armamentarium and equipment for providing dental care to all patients including all ASA levels.
34. Assess and analyze objective and subjective patient findings to formulate an evidenced- based, patient-centered dental hygiene diagnosis.

35. Asepsis protocol of recommended clinical guidelines for infection and hazard management prior, during and after the provision of dental hygiene services.
36. Selecting operator positioning strategies to prevent or lessen the risk of injury to self and/or patient during implementation of dental hygiene care.

Assessment

TBD after course curriculum is created

Institutional Policies

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Hybrid Attendance:

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Midterm/Final Exam

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COURSE SYLLABUS

HYG 255 Dental Hygiene Seminar

Course Information

Course Number:	HYG 255
Course Title:	Dental Hygiene Seminar
Prerequisites:	Completion of 2 nd semester Dental Hygiene Classes
Credit Hours:	1
Type of Instruction:	Seminar
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

This course is designed to assist senior dental hygiene students in preparing for the credentialing examinations and the other procedures required for obtaining a dental hygiene license.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

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The following program outcomes will be developed and documented in this program:

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Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

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Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

37. Develop a time management matrix and study plan to facilitate maximum benefit from board review.
38. Complete the application process and exam for the National Dental Hygiene Board Examination and for the regional practical board examination he/she will be taking.
39. Complete (without error) the application process for licensure in the state/s in which he/she wishes to be registered.
40. Read and comprehend the instruction manuals for the credentialing examinations.
41. Select the ideal patient to submit for the practical examination by applying the selection criteria stated in the instruction manual.
42. Successfully complete the outcomes assessment examination.

Assessment

TBD after course curriculum is created

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***Changes may be made to the syllabus at the discretion of the faculty.**

This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 260 Ethics & Jurisprudence

Course Information

Course Number:	HYG 260
Course Title:	Ethics & Jurisprudence
Prerequisites:	Completion of 3 rd semester Dental Hygiene Classes
Credit Hours:	3
Type of Instruction:	Lecture
Meeting Days:	
Meeting Times:	
Meeting Location:	Dental Classroom

Instructor Information

Instructor:	Brooke Horner, RDH, MS
Phone:	Office 785-309-3125 Cell 316-312-0668
E-mail:	Brooke.Horner@salinatech.edu

Course Description

Emphasis on the laws governing the practice of dentistry and dental hygiene, moral standards, and the ethical standards established by the dental hygiene profession. Practice settings for the dental hygienist, office operations, and preparation for employment. This course, in addition to the areas of ethics and jurisprudence, examines the economics of dentistry, dental office management, employment considerations, resume preparation, and job interviewing.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

The following institutional learning outcomes will be developed and documented in this course:

- **Demonstrate the ability to think critically.**
- **Demonstrate proficiency in technical program learning outcomes.**
- **Demonstrate effective written and verbal communication.**
- **Develop positive work habits and interpersonal skills needed for employment**

Program Outcomes

The following program outcomes will be developed and documented in this program:

- **Promote values of oral and general health and wellness to the public and organizations within and outside the profession.**
- **Advance the profession through service activities and affiliations with professional organizations.**

- **Provide care to all clients using an individualized approach that is empathetic and caring while adhering to state and federal laws, recommendations and regulations in the provision of oral health care.**
- **Students will demonstrate mastery knowledge, skills and attitudes necessary for successful complete the dental hygiene program competencies and licensure examinations to meet the employment needs of the dental community and ADA standards.**

Instructional Methods

Lecture, discussions, video presentation, computer aided instruction, internet research, handouts, written and reading assignments.

Evaluation Procedure

Each assignment, video, exam, competency, etc., will be assigned a certain number of points and weight. A weighted grade is the average of a set of grades, where each set carries a different amount of importance.

At the end of the course, the points the student has earned for each category will be divided by the number of points possible for each category and then multiplied by the assigned weight distribution. Then, each weight distribution category will then be added and converted into a percentage grade.

Grade Weight Distribution/Categories:

Category	Possible Points	Weight Distribution
Assignments	633	30%
Quizzes	415	30%
Midterm/Final	157	15%
Project	153	25%

For example if your grades are as follows:

Quiz grade is 83	multiply this by 30%	83×0.30	24.9
Assignment grade is 88	multiply this by 30%	88×0.30	26.4
Midterm/Final grade is 81	multiply this by 15%	81×0.15	12.15
Project grade is 92	multiply this by 25%	94×0.25	23
Total grade percentage			86.45 B

All projects must be completed in order to remain in the program. You cannot opt out of doing a project and take a grade loss, as this will result as an incomplete for the course and you will not be able to move forward to second semester.

Students will be expected to meet all the learning outcomes listed and be able to demonstrate their understanding of the underlying concepts. All course requirements must be completed at a minimum of 75% to ensure mastery of subject material.

Final grades will be assigned based on the following grading scale:

- 93-100% = A
- 83-92% = B
- 75-82% = C
- 70-74% = D
- Below 69% = F

Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

43. Discuss the evolution of and current procedures for the education requirements and credentialing of dental hygienists.
44. Define and compare the concepts of ethics and jurisprudence.
45. Differentiate between ethical and unethical, legal and illegal behavior.
46. Discuss aspects of the Code of Ethics of the American Dental Hygienists Association and apply the concepts expressed within the Code to dental hygiene practice situations.
47. Define various legal terms and explain their relationship to dental and dental hygiene practice and malpractice.
48. Write your personal resume and other items that may be relevant to interviewing and obtaining a job.
49. Understand the team concept of working in the dental practice, including management of both co-workers and patients.
50. Identify the components required to run and manage a dental practice.

Assessment

TBD after course curriculum is created

Institutional Policies

Please refer to the current College Catalog available online at:

http://www.salinatech.edu/prospective_students/college_catalog.shtml

Ethical Uses of Information

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Instructor Policies

Last Day to Withdraw with a "W"

See academic calendar for the last day to withdraw from this course

It is the student's responsibility to visit with their academic advisor prior to withdrawing from a class and to complete the appropriate withdrawal form and submit it to the Registrar's office.

Communication

All communication between faculty, administration, staff and advisors will be directed to the student email account. Example: lucy.smith@salinatech.edu Your specific email address should have been given to you. Your instructor also has your email address on their class roster. **It is the student's responsibility to check their SATC email account frequently.**

Attendance

Regular attendance and punctuality reflect an attitude of willingness to learn and ultimately affect success in the program and on the job. Any hour or major portion of an hour not in attendance is counted as an absence for that course. Students are expected to attend all scheduled class and examination meetings. You must maintain an 90% attendance in class. If attendance falls below 90% you will be considered unemployable and will be removed from the program. Students are also expected to maintain satisfactory progress in each of the classes in which they are enrolled. Complete attendance and makeup work policies can be found in the SATC Student Handbook and the Dental Hygiene Program Handbook.

Hybrid Attendance:

You will be required to log into the class a minimum of 2-3 times weekly and complete work both online and in the classroom. Pay close attention to deadlines, and allow yourself plenty of time to complete assignments, discussion questions, quizzes, and exams.

Computer Requirements

Taking this class requires you to have access to a computer (with Internet access) to complete and upload your assignments. It is your responsibility to have a working computer. ***Assignments and tests are due by the due date, and personal computer technical difficulties will not be considered reason for the instructor to allow students extra time to submit assignments, tests, or discussion postings. Your computer being down is not an excuse for missing a deadline!!*** There are many places to access your class! Our online classes can be accessed from any computer in the world which is connected to the internet. Contact your instructor immediately upon having computer trouble.

The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services.

Homework

Student will be expected to complete homework assignments on time. All assignments are due when class begins. No homework will be accepted after the due date unless prior arrangements have been made with the instructor. If the assignment is turned in after class has begun the late work policy will be applied. If a student is absent, they must turn in their work the first day back to campus. If a student has a planned absence their work must be turned in prior to the due date. Please see Coursework and Coursework Makeup Policy/Classroom Attendance policies in the program handbook.

Quizzes and Exams

All quizzes and exams are administered through the online course, Canvas Learning. Quiz information will be directly related to the topic of discussion. The course schedule will indicate which chapters the students will be quizzed on. Student will not get an opportunity to make up quizzes.

Midterm/Final Exam

These exams will be as scheduled. They will start 10 minutes after the beginning of class to allow for student questions. It is unacceptable to miss these exams. If the student is not present or late for the exams, then the student will receive a zero, which could result in failure of the class.

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This syllabus was approved: 30-Jan-19



COURSE SYLLABUS

HYG 265 Dental Hygiene Theory

Course Information

Course Number:	HYG 265
Course Title:	Dental Hygiene Theory
Prerequisites:	Completion of 3 rd semester Dental Hygiene Classes
Credit Hours:	2
Type of Instruction:	Lecture

Meeting Days:
Meeting Times:
Meeting Location: Dental Classroom

Instructor Information

Instructor: Brooke Horner, RDH, MS
Phone: Office 785-309-3125 Cell 316-312-0668
E-mail: Brooke.Horner@salinatech.edu

Course Description

This course is designed to guide the development of critical thinking skills and the application of theory to care at all levels of dental hygiene. Case studies will help students realize early on the link between theory and patient care.

For a lecture class, one credit is considered to be one hour of lecture class time and two hours per week of work outside of class. For the typical three credit hour class, a student spends three hours per week in class and should expect to complete at least six hours per week of work outside of class.

Note: A student must have a 2.0 overall GPA and a minimum of 2.0 GPA in departmental core courses of a program to graduate.

Textbook and Other Required Materials

TBD

Institutional Outcomes

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Course Learning Outcomes (Skill Assessments)

- No Skill Assessments for this class.

Course Outline

TBD based upon book choice

Course Objectives

1. Discuss the integration of core scientific concepts and applications of the dental hygiene process of patient care.
2. Demonstrate how to assess the patient, interpret radiographs, plan and manage care, and show professional responsibility for the following types of patients:
 - a. Pediatric patients.
 - b. Adult periodontal patients
 - c. Geriatric patients
 - d. Special needs patients
 - e. Medical Compromised patients

Assessment

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