

Indiana University School of Dentistry

Program Review and Assessment Committee

2009/10 Annual Report

GOAL A: EDUCATION - Recruit quality applicants and prepare them to become highly competent, critically thinking, life-long learning, ethical, and socially responsible practitioners of general dentistry, dental hygiene and dental assisting.

What general outcome are you seeking?	How would you know it (the outcome) if you saw it? (What will the student know or be able to do?)	How will you help students learn it? (in class or out of class)	How could you measure each of the desired behaviors listed in #2?	What are the assessment findings?	What improvements have been made based on assessment findings?
High quality students matriculate into the dental education programs.					
	Entering grade point averages at or above national mean	Counseling by Office of Admissions for pre-dental students	Reported on submitted transcripts	Average GPA/DAT/Interview scores <u>IUSD</u> 3.53	Applicant pool stable Standards maintained
	Dental Aptitude Test scores (predoctoral students) at or above national mean	Advise matriculating in Pre-Professional Masters Program for those students whose applicant statistics are insufficient	Measure rate of acceptance of Pre-Professional Masters program students	Rate of acceptance greater than 9%	Average DAT scores increased
	Interview Scores - Mean Score of 3 or higher	n/a	Scores by interviewers	Mean score 3.24	No changes implemented
	Performance in first year of dental curriculum - 95% of students pass and are promoted	Remediation required for students falling in a certain %age grade	Number of students promoted	99-100% promotion rate	Spring 2008 - grade scale adapted to include a remediation statement
	Graduate students - a. Class rank of new graduate students is upper 50%	n/a	Class rank of incoming graduate students from their previous institution	8 of 20 applicants had a class rank in the lower 50% - but the majority of these had National Board scores above 80	No changes implemented
	Graduate students - b. National Board Scores of new graduate students is above 80	n/a	Board scores as reported by NBDE examiners	Four applicants out of 23 had Part I National Board scores below 80.	No changes implemented

What general outcome are you seeking?	How would you know it (the outcome) if you saw it? (What will the student know or be able to do?)	How will you help students learn it? (in class or out of class)	How could you measure each of the desired behaviors listed in #2?	What are the assessment findings?	What improvements have been made based on assessment findings?
Graduates of the dental education program are competent practitioners of general dentistry					
	Students will meet graduation requirements for clinical procedures	Desired student Institutional Competencies (IC) are reflected in the curriculum	Mock clinical boards scores	89% graduation rate	no changes instituted
	Performance on clinical competency examinations	Clinic experiences and instruction	Clinical competency exam scores	89% graduation rate	no changes instituted
	Passing grades on the National Board Dental Examination	Mock National Board Exams each semester Online and print resources for preparing for Board Exams available in the Library Dental Decks study material is a required resource for each exam	National Board Scores	90% first-time pass rate	Orientation focus on National Boards in each of the D1-D3 years Individual counseling of students Specific session on preparing for the National Boards given to D2 students Use of released board exam questions during D1-D2 exam process
	Student performance in didactic, preclinical and clinical courses, including PBL settings	Course work PBL Group work for 1st and 2nd year students	Course and Module grades PBL Assessment scores Triple Jump Exam scores	89% graduation rate	no changes instituted
	Graduates will pass state licensing examinations	Mock National Board Exams each semester Course work PBL Group work for 1st and 2nd year students Online and print resources for preparing for Board Exams available in the Library Dental Decks study material is a required resource for each exam	Scores on licensing exams	>90% first-time pass rate on all regional board exams. Ultimately, 99.9% of graduated students pass their respective state licensing exam (one exception in the past 10 years)	no changes instituted
Graduates understand and practice ethics and social responsibility					
	Performance in PBL and/or clinical settings specifically dealing with ethical issues and/or professionalism (AD Education)	Lectures OSCEs Field trips	grades on exams, essays, OSCEs student self-reflections on the field trips	95-100 % pass rate	maintain current practices

What general outcome are you seeking?	How would you know it (the outcome) if you saw it? (What will the student know or be able to do?)	How will you help students learn it? (in class or out of class)	How could you measure each of the desired behaviors listed in #2?	What are the assessment findings?	What improvements have been made based on assessment findings?
	Student involvement in community and professional organizations	Student memberships available in ASDA - IDA - ADEA - AADR	level of involvement in each organization	ASDA - 426 student members IDA - 426 student members ADEA - 70 student members AADR - 25 student members	No changes implemented
	Student participation in monitoring their own professional behavior	Students from each class are elected by their peers to serve on the Student Professional Conduct Committee	number and severity of the cases brought to the SPCC	Total of 16 cases heard by SPCC: 8 mild 2 moderate 5 severe 1 extremely severe	Currently re-writing IUSD Code of Ethics
IUSD educational programs are quality programs.					
	National Board Dental Examination scores	Curriculum Mock National Board Exams each semester Online and print resources for preparing for Board Exams available in the Library Dental Decks study material is a required resource for each exam	% of students passing boards	90% first-time pass rate	maintain current practices
	Student perceive the success of the curriculum in meeting their learning objectives	Ongoing dialog and feedback from students. Course evaluations	Course evaluations Student focus groups for 2nd & 4th yr. students during spring semester Student exit interviews	90% student satisfaction with curriculum & learning objectives	continuous improvement in teaching strategies, techniques & methods Improved testing methods

GOAL B: EDUCATION - Recruit quality applicants and prepare them to become outstanding practitioners of the dental specialties and other relevant post doctoral disciplines through the graduate program.

Graduates of the advanced education programs are outstanding practitioners in their area of expertise					
	Performance in graduate didactic and clinical courses - GPAs of these graduating graduate students >3.0	Curriculum/coursework Clinical instruction	Course grades Clinic grades Theses/dissertation oral defense - student passes	All graduate students had above a 3.0 upon graduation.	No changes implemented

What general outcome are you seeking?	How would you know it (the outcome) if you saw it? (What will the student know or be able to do?)	How will you help students learn it? (in class or out of class)	How could you measure each of the desired behaviors listed in #2?	What are the assessment findings?	What improvements have been made based on assessment findings?
	Performance on national board specialty or other certifying examinations, if applicable (Endo/Ortho/Pedo/Perio/Pros) - >80% pass the exam	Curriculum/coursework Clinical instruction	Scores on National Board specialty exams Scores on other specialty certifying exams	Ortho - 100% pass rate Endo - 100% pass rate Pros - 100% pass rate Perio - 100% pass rate on written exam Perio - 50% pass rate on oral exam (2/4students passed)	No changes implemented

Indiana University School of Dentistry Dental Assisting Programs: Campus and Distance Learning

Degrees Awarded:

Certificate of Dental Assisting

PULs appear in Standards 2-10 & 2-11

LEVELS OF KNOWLEDGE Defined by Commission on Dental Accreditation (CODA)

Familiarity: A simplified knowledge for the purposes of orientation and recognition of general principles.

In-depth: A thorough knowledge of concepts and theories for the purpose of critical analysis and the synthesis of more complete understanding (highest level of knowledge).

LEVELS OF SKILL Defined by CODA

Exposure: The level of skill attained by observation of or participation in a particular activity.

Laboratory/Preclinical Competence: The achievement of a predetermined level of special skill derived from laboratory/preclinical instruction.

Clinical Competence: The achievement of a predetermined level of special skill derived from education and experience in the clinical setting.

Program Requirements for Promotion:

Student Promotions

A. Requirements for advancing in good standing with one's class: To be promoted to the next semester or graduation in good standing:

1. A passing or incomplete ("I") grade for each course in which the student was enrolled, with at least a cumulative 2.0 grade point average and a semester GPA of 2.0.
2. Ethics and behavior consistent with acceptable professional standards and IUSD's Code of Professional Conduct
3. Satisfactory completion of all course work with at least a 2.0 cumulative grade point average
4. A grade of "C" or better in each component of didactic, preclinical and clinical in DAST A171 & A172 (Clinical Science I and II) and DAST A151 & A152 (Radiology I and II)
5. Demonstrate acceptable progress, in the judgment of the faculty, toward the requirements for the certificate
6. No more than 30 percent of the enrolled credit hours graded as "D+", "D", or "D-"
7. No immediately previous period of suspension

B. Requirements for graduation: A certificate is conferred by Indiana University School of Dentistry upon persons who have complied with the following requirements.

1. Attendance of two required semesters for dental assisting or equivalent options in the Dental Assisting Program
2. Satisfactory completion of the preclinical and clinical requirements.

3. Satisfactory completion of all course work with at least a 2.0 cumulative grade point average
4. A grade of "C" or better in each component of didactic, preclinical and clinical in DAST A171 & A172 and DAST A151 & A152
5. Promotion in good standing for both semesters and removal of all academic probations.
6. Payment in full of all fees due to the University.
7. Ethics and behavior consistent with acceptable professional standards and IUSD's Code of Professional Conduct
8. Demonstrate acceptable progress, in the judgment of the faculty, toward the requirements for the certificate

ADA CODA Standards –					
2-7 Graduates must demonstrate competency in the knowledge and skill required to systematically collect diagnostic data, including:					
a. Medical and dental histories, b. Vital signs, c. Assist with and/or perform extra/intra oral examinations, d. Dental charting, e. Radiographs, f. Preliminary impressions/study casts/occlusal registrations					
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 171 Clinical Science I: medical and dental histories, vital signs, dental charting, assisting with intra oral examinations a, b, c, d	Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic & paper charting, weekly procedure sheets, clinical rotations, professionalism papers.	Written exams, observations, competency practical exams, clinical application of skills learned, attendance and professionalism, Dental Assisting National Board	Yes	Clinical competency	The Dental Assisting Curriculum Committee will be meeting early into the Fall 2010 semester to determine any changes to the curriculum.
A 172 Clinical Science II a, b, c, d, e, f	Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online access of course	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey. Dental	Yes	Clinical Proficiency	

	materials, clinical rotations.	Assisting National Board			
A151 Radiology Clinic I e	Reading assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course materials	Written exams, practical skill exams, observations, Dental Assisting National Board	Yes	Pre-clinical competency	
A 152 Radiology Clinic II	Clinical rotations, advanced radiological skill development	Patient radiologic surveys, competencies, Dental Assisting National Board	Yes	Clinical Competency	
A 131 Dental Materials f	Reading assignments, lecture, pre-clinical labs, clinical applications, online access of course materials.	Written exams, skill assessments, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical competency	
A 132 Dental Materials II f	Lectures, projects, clinical competencies, online access of course materials	Exams, graded projects, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical Competency	
A 112 Therapeutics and Medical Emergencies a	Reading assignments and Lecture	Exams, Dental Assisting National Board	Yes	Provides Didactic preparation for clinical use	

2-8 Graduates must demonstrate competency in the knowledge and skill required to perform a variety of clinical supportive treatments, including: a. Manage infection and hazard control protocol consistent with published professional guidelines, b. Prepare tray set-ups, c. Prepare and dismiss patients, d. Apply current concepts of four-handed chairside assisting, e. Assist with and/or apply topical

anesthetic f. Assist with and/or place and remove rubber dam, g. Assist with and/or apply fluoride agents, h. Provide patient preventive education and oral hygiene instruction, i. Provide pre-and post-operative instructions prescribed by a dentist, j. Maintain accurate patient treatment records k. Maintain treatment area, l. Assist in the management of medical and dental emergencies, m. Administer cardiopulmonary resuscitation when indicated, n. Fabricate custom trays, o. Clean and polish removable appliances, p. Fabricate provisional restorations, q. Manipulate dental materials .

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A121 Microbiology & Asepsis Technique	Reading assignments, Lectures,	Exams, Dental Assisting National Board	Yes		
A 171 Clinical Science I: a, b, c, d, e, f, g, l, j k, l, m,	Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets, professionalism papers.	Written exams, clinical observations, competency practical exams, clinical application of skills learned, attendance and professionalism. Dental Assisting National Board	Yes	Clinical competency	
A 172 Clinical Science II A, b, c, d, e, f, g, h, l, j, k, l, m,	Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online access of course materials.	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey. Dental Assisting National Board	Yes	Clinical proficiency	

A 112 Therapeutics and Medical Emergencies e, l, m,	Reading Assignments and Lecture	Exams, Dental Assisting National Board	Yes	Provides Didactic preparation for clinical preparation	
A 141 Preventive Dentistry & Nutrition e, g,	Reading assignments, lectures, Clinical Preventive Dentistry Clinic	Exams, Dental Assisting National Board	Yes	Provides Didactic preparation for clinical preparation	
A 131 Dental Materials q	Reading assignments, lecture, pre-clinical labs, clinical applications, online access of course materials	Online exams, skill assessments, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical competency	
A 132 Dental Materials II q, n, o, p	Lectures, projects, clinical competencies, online access of course materials	Online Exams, graded projects, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical Competency	
CPR Certification Class	Lecture and Practice	Written & Practical Exams	Yes	Competent	
2-9 Graduates must demonstrate competency in the knowledge required for business office procedures, including: a. Manage telephones, b. Control appointments, c. Perform financial transactions, d. Complete insurance/reimbursement forms, e. Maintain supply inventory f. Manage recall systems, g. Operate business equipment to include computers					
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 182 Practice	Reading	Assignments,	Yes	Provides	

Management, Ethics, & Jurisprudence A,b,c,d,e,f,g	assignments, lectures, online course materials, guest lecturers, papers.	resumes, exams, attendance and professionalism. Dental Assisting National Board		didactic preparation for clinical preparation	
A 172 Clinical Science II A, b, d, g This course provides clinical rotations in the business and financial offices at IUSD and off campus clinics for the application of information learned in A182.	Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online assess of course materials, clinical rotations.	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey. Dental Assisting National Board	Yes	Clinical competency	

2-10 If additional functions, beyond those specified in Standards 2-7 and 2-8 are included in the curriculum, they must be taught at least to the level of laboratory/preclinical competence. Intent: *“Additional functions” refers to those functions defined by the state dental practice acts and/or state dental board administrative rules. The inclusion of additional functions does not compromise the quality of the basic educational program. The students are aware of the ethical and legal ramifications of performing the additional functions.*

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Campus: PULS Supported by this course.	Distance Learning Program PULS Supported by this course.	How PULs Are Assessed?	Any Changes needed
A 190 Expanded Restorative Functions	Reading assignments, lectures, videos, wax-ups, laboratory	Online exams, laboratory practicals, clinical restorations, attendance and	Yes	Clinical Competency	Greatest Lec 2 Lab 3 Clinic 6	Greatest Lec. 2 Lab. 3 Clinic 4		

	placement of current restorative materials both temporary and permanent in 5 classifications of preparations, clinical placement of at least 15 restorations.	professionalism.			Moderate	Moderate Lec. 4 Lab. 4 Clinic 6		
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2-11 The curriculum must include content in five areas: general education, biomedical sciences, dental sciences, clinical sciences and clinical practice and PULs.

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Campus: PULS Supported by this course.	Distance Learning Program PULS Supported by this course.	How PULs Are Assessed?	Any Changes needed
A 162 Oral & Written Communications	Reading assignments, research papers, class presentations, guest lecturers, journals	Exams, research papers, presentations, journals, resumes, mock interviews, Dental Assisting National Board	Yes	All students that pass the course have met at least the minimum requirement for this standard.	Greatest 1 Moderate 5	Greatest 1C Moderate 3	Assessment of PULs still being evaluated	
A 111 Anatomy, Physiology & Oral Pathology I	Reading assignments, lectures, anatomical charts & diagrams	Exams	Yes	All students that pass the course have met at least the minimum	Greatest 1B Moderate 2	Greatest 1B Moderate 3		

				requirement for this standard.				
A 113 Anatomy, Physiology & Oral Pathology II	Reading assignments, lectures, anatomical charts & diagrams	Exams	Yes	All students that pass the course have met at least the minimum requirement for this standard.	Greatest 1A Moderate 3	Greatest 1B Moderate 3		
A121 Microbiology & Asepsis Technique	Reading assignments, Lectures,	Exams, Dental Assisting National Board	Yes		Greatest 3	Greatest Lec. 1C Lab 3 Moderate Lec. 3 Lab 4	Assessed by exam only	
A 114 Oral Anatomy	Reading assignments, lectures, lab exercises,	Exams, quizzes, weekly drawings & labeling of teeth studied, practical lab exams, anatomy quizzes	Yes	All students that pass the course have met at least the minimum requirement for this standard.	Greatest Lec. 3 Lab 3 Moderate	Greatest Lec. 1B Lab 3 Moderate Lec. 2 Lab. 2		
A 131 Dental Materials	Reading assignments, lecture, pre-clinical labs, clinical	Online exams, skill assessments, clinical competencies, attendance and	Yes	Clinical competency	Greatest Lec 1A Lab3	Greatest Lec. 1C Lab. 3		

	applications, online access of course materials	professionalism. Dental Assisting National Board			Moderate	Moderate Lec. 3 Lab.4		
A 132 Dental Materials II	Lectures, projects, clinical competencies, online access of course materials	Online Exams, graded projects, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical Competency	Greatest Lec 1A Lab 3 Moderate	Greatest Lec.1C Lab.3 Moderate Lec.3 Lab.4		
A 141 Preventive Dentistry & Nutrition	Reading assignments, lectures, Clinical Preventive Dentistry Clinic	Exams, Dental Assisting National Board	Yes	Provides Didactic preparation for clinical preparation	Greatest 4 Moderate	Greatest Lec.2 Moderate 4		
A151 Radiology Clinic I	Reading assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course materials	Written exams, practical skill exams, observations, Dental Assisting National Board	Yes	Pre-clinical competency	Greatest Lec 1 Lab 3 Moderate Lec 2 Lab 2	Greatest Lec. 2 Lab.3 Clinic 4 Moderate Lec. 4 Lab. 4 Clinic 6		
A 152 Radiology Clinic II	Clinical rotations, advanced radiological skill development	Patient radiologic surveys, competencies, Dental Assisting National Board	Yes	Clinical Competency	Greatest Clinic 3 Moderate Clinic 2	Greatest Clinic 4 Moderate Clinic 6		
A110 Oral Histology	Reading Assignments, lectures	Exams, pop quizzes	Yes	All students that pass	Greatest 3	Greatest 1B		

				the course have met at least the minimum requirement for this standard.	Moderate: Some: 1C	Moderate 1A		
A 112 Therapeutics and Medical Emergencies	Reading assignments and Lecture	Exams, Dental Assisting National Board	Yes	Provides Didactic preparation for clinical application.	Greatest 4 Moderate	Greatest 1C Moderate 3	Campus : Exams, classroom discussions DLP:	
A 182 Practice Management, Ethics, & Jurisprudence	Reading assignments, lectures, online course materials, guest lecturers, papers.	Assignments, resumes, exams, attendance and professionalism. Dental Assisting National Board	Yes	Provides didactic preparation for clinical preparation	Greatest 3 Moderate 6	Greatest 2 Moderate 4		
A 171 Clinical Science I:	Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets, professionalism papers.	Written exams, clinical observations, competency practical exams, clinical application of skills learned, attendance and professionalism. Dental Assisting National Board	Yes	Clinical competency	Greatest Emphasis: Lec. 1A Lab 3 Clinic 3 Moderate Lec 6 Lab 1A Clinic 6	Greatest Lec. 2 Lab.3 Clinic 4 Moderate Lec. 4 Lab. 4 Clinic 4		
A 172 Clinical	Reading	Papers, clinical	Yes	Clinical	Greatest	Greatest		

Science II	assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online access of course materials.	proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey. Dental Assisting National Board		proficiency	Emphasis Clinic 3 Moderate Clinic 6	Clinic 4 Moderate Clinic 6		

2-12 The general education aspect of the curriculum must include content at the familiarity level in: a. Oral communications, b. Written communications, c. Psychology of patient management and interpersonal relations

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 162 Oral & Written Communications a, b, c	Reading assignments, research papers, class presentations, guest lecturers, journals	Exams, research papers, presentations, journals, resumes, mock interviews, Dental Assisting National Board	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
A 171 Clinical Science I a, b, c Oral & Written Communications as it applies to the clinical duties and patient management.	Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets, clinical	Exam questions, competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board	Yes	All students that pass the course have met at least the minimum requirement	

	<p>rotations, professionalism papers.</p> <p>This course presents information on Psychology of patient management and interpersonal relations,</p>			nt for this standard.	
<p>A 172 Clinical Science II</p> <p>a, b, c</p> <p>Patient management techniques are applied as well as oral & written communications.</p>	<p>Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online access of course materials.</p>	<p>Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey. Dental Assisting National Board</p>	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
<p>A 151 Radiology Clinic I</p> <p>c</p> <p>Patient management skills are taught as they pertain to Radiology.</p>	<p>Reading assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course materials</p>	<p>???, Dental Assisting National Board</p>	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
<p>A 152 Radiology Clinic II</p> <p>a, b, c</p>	<p>Clinical rotations, advanced radiological skill development.</p>	<p>#? Graded patient surveys, competencies, clinical observation,</p>	Yes	All students that pass the	

Patient management skills are practiced during patient radiological surveys.		Dental Assisting National Board		course have met at least the minimum requirement for this standard.				
2-13 The biomedical science aspect of the curriculum must include content at the familiarity level in: a. Anatomy and physiology, b. Microbiology, c. Nutrition								
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed			
A110 Oral Histology a.	Reading Assignments, lectures	Exams, pop quizzes	Yes	All students that pass the course have met at least the minimum requirement for this standard.				
A 111 Anatomy, Physiology & Oral Pathology I a	Reading assignments, lectures, anatomical charts & diagrams	Exams	Yes	All students that pass the course have met at least the minimum requirement for this				

				standard.	
A 113 Anatomy, Physiology & Oral Pathology II a	Reading assignments, lectures, anatomical charts & diagrams	Exams	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
A121 Microbiology & Asepsis Technique b	Reading assignments, lectures, asepsis labs	Exams	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
A141 Preventive Dentistry & Nutrition c	Reading Assignments, lectures, Preventive Dentistry Clinic	Exams	Yes	All students that pass the course have met at least the minimum requirement for this standard.	

2-14 The biomedical science aspect of the curriculum must include content at the in-depth level in bloodborne pathogens and hazard

communications standards and content must be integrated throughout the didactic, preclinical, laboratory and clinical components of the curriculum.

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A121 Microbiology & Asepsis Technique	Reading assignments, lectures, asepsis labs	Exams	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
A 171 Clinical Science I This course integrates the bloodborne pathogens and hazard communications standards	Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets, clinical rotations, professionalism papers.	Exam questions, competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board	Yes	Clinical competency	
A 172 Clinical Science II This course	Reading assignments, clinical experiences, weekly clinical activity sheet, rotation	Papers, clinical proficiency exam, rotation review paper, private practice journal,	Yes	Clinical proficiency	

integrates the bloodborne pathogens and hazard communications standards	review papers and a private practice journal. Online access of course materials, clinical rotations.	attendance and professionalism, patient satisfaction survey, Dental Assisting National Board			
A 131 Dental Materials I This course integrates the bloodborne pathogens and hazard communications standards.	Reading assignments, lecture, pre-clinical labs, clinical applications, online access of course materials	Written exams, skill assessments, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical competency	
A 132 Dental Materials II This course integrates the bloodborne pathogens and hazard communications standards.	Lectures, projects, clinical competencies, online access of course materials	Exams, graded projects, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical Competency	
A151 Radiology Clinic I This course integrates the bloodborne pathogens and hazard communications standards	Reading assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course materials	Written exams, practical skill exams, observations, Dental Assisting National Board	Yes	Clinical competency	
A 152 Radiology	Clinical rotations,	Patient radiologic	Yes	Clinical	

Clinic II This course integrates the bloodborne pathogens and hazard communications standards	advanced radiological skill development	surveys, competencies, Dental Assisting National Board		Competency	
2-15 The dental science aspect of the curriculum must include content at the familiarity level in: a. Oral histology, b. Oral embryology, c. Oral pathology, d. Pharmacology					
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A110 Oral Histology & Embryology A, b	Reading Assignments, lectures	Exams, pop quizzes	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
A 111 Anatomy, Physiology & Oral Pathology I c	Reading assignments, lectures, anatomical charts & diagrams	Exams	Yes	All students that pass the course have met at least the minimum requirement for this standard.	

A 113 Anatomy, Physiology & Oral Pathology II C	Reading assignments, lectures, anatomical charts & diagrams	Exams	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
A 112 Therapeutics and Medical Emergencies d	Reading Assignments and Lecture	Exams, Dental Assisting National Board	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
2-16 The dental science aspect of the curriculum must include content at the in-depth level in: a. Dental materials, b. Oral anatomy c. Dental radiology					
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 131 Dental Materials I a	Reading assignments, lecture, pre-clinical labs, clinical applications, online access of course materials	Written exams, skill assessments, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical competency	
A 132 Dental	Lectures, projects,	Exams, graded	Yes	Clinical	

Materials II a	clinical competencies, online access of course materials	projects, clinical competencies, attendance and professionalism. Dental Assisting National Board		competency	
A 114 Oral Anatomy b	Reading assignments, lectures, lab exercises,	Exams, quizzes, weekly drawings & labeling of teeth studied, practical lab exams, anatomy quizzes	Yes	All students that pass the course have met at least the minimum requirement for this standard.	
A151 Radiology Clinic I c	Reading assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course materials	Written exams, practical skill exams, observations, Dental Assisting National Board	Yes	Pre-clinical competency	
A 152 Radiology Clinic II c	Clinical rotations, advanced radiological skill development	Patient radiologic surveys, competencies, Dental Assisting National Board	Yes	Clinical Competency	

2-17 Each student must be able to demonstrate knowledge of radiation safety measures to produce diagnostic radiographic surveys on manikins prior to exposing radiographs on patients.

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A151 Radiology	Reading	Written exams,	Yes	Clinical	

Clinic I	assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course materials	practical skill exams, observations, Dental Assisting National Board		competency	

2-18 Students must demonstrate competency in taking diagnostically acceptable radiographs on patients in the program or contracted facility prior to taking radiographs during extramural clinical assignments.

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 152 Radiology Clinic II	Clinical rotations, advanced radiological skill development	Graded patient radiologic surveys: digital and film periapicals, Panos, Bitewings, FMS, competencies, Dental Assisting National Board	Yes	Clinical Competency	

2-19 Faculty instruction and evaluation must be provided throughout the students' radiographic technique experience.

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A151 Radiology Clinic I	Reading assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course materials, faculty evaluation of technique & surveys	Written exams, practical skill exams, observations, Dental Assisting National Board	Yes	Pre-clinical competency	

	taken.				
A 152 Radiology Clinic II	Clinical rotations, advanced radiological skill development, faculty evaluation of technique and patient surveys taken.	Patient radiologic surveys, competencies, Dental Assisting National Board	Yes	Clinical Competency	
2-20 Through scheduled instructional sessions, students must have the opportunity to develop competence in exposing and processing bitewing and periapical radiographs on a variety of patients.					
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A151 Radiology Clinic I	Reading assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course materials	Written exams, practical skill exams, observations, Dental Assisting National Board	Yes	Clinical competency	
A 152 Radiology Clinic II	Clinical rotations, advanced radiological skill development	Patient radiologic surveys, competencies, Dental Assisting National Board	Yes	Clinical Competency	
2-21 The clinical science aspect of the curriculum must include content at the in-depth level to include: a. General dentistry, b. Specialty procedures as they relate to general dentistry, c. Practice management, d. Chairside assisting, e. Dental-related environmental hazards f. Oral health education, g. Management of dental and medical emergencies, h. Legal and ethical aspects of dentistry					
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 171 Clinical	Reading	Exam questions,	Yes	Clinical	

Science I A, b, c, d, e, g, h	assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets, clinical rotations, professionalism papers.	competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board		compe- tency	
A 172 Clinical Science II A, b, c, d, e, f, h	Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online access of course materials, clinical rotations.	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey, Dental Assisting National Board	Yes	Clinical proficienc y	
A 112 Therapeutics and Medical Emergencies G,h	Reading Assignments and Lecture	Exams, Dental Assisting National Board	Yes	All students that pass the course have met at least the minimum requireme nt for this standard.	
2-22 Clinical experience assisting a dentist must be an integral part of the educational program designed to perfect students' competence in performing dental assisting functions, rather than to provide basic instruction.					
Class/classes that teach this	Teaching Strategy/strategies	Measures	Has the standard	Competen cy Level	Any Changes needed

standard and subset of standard			been met?		
A 171 Clinical Science I	<p>Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets, clinical rotations, professionalism papers.</p> <p>Students begin in clinic very early on to practice skills learned in pre-clinic.</p>	Exam questions, competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board	Yes	Clinical competency	
A 172 Clinical Science II	Students are rotate through multiple clinics at IUSD. They develop assisting skills assisting with many different Pre-doctoral students and Residents with a variety of assisting requirements.	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey, Dental Assisting National Board	Yes	Clinical proficiency	
A151 Radiology Clinic I	Reading assignments, lectures, in class quizzes, pre-clinical skill development on mannequins, online access of course	Written exams, practical skill exams, observations, Dental Assisting National Board	Yes	Clinical competency	

	materials				
A 152 Radiology Clinic II	Clinical rotations, advanced radiological skill development	Patient radiologic surveys, competencies, Dental Assisting National Board	Yes	Clinical Competency	
A 131 Dental Materials I	Reading assignments, lecture, pre-clinical labs, clinical applications, online access of course materials	Written exams, skill assessments, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical competency	
A 132 Dental Materials II	Lectures, projects, clinical competencies, online access of course materials	Exams, graded projects, clinical competencies, attendance and professionalism. Dental Assisting National Board	Yes	Clinical competency	

2-23 Each student must be assigned to two or more offices or clinics for clinical experience and assisting in general dentistry situations is emphasized.

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 171 Clinical Science I	This semester the students are assigned to the Comprehensive Care Clinics and the Pre-doctoral Pediatric Clinic.	Exam questions, competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board	Yes	Clinical competency	
A 172 Clinical Science II	This semester the students are assigned the following clinics for	Papers, clinical proficiency exam, rotation review paper, private	Yes	Clinical proficiency	

	<p>assisting experiences: Periodontics, Oral Surgery; Pre-doctoral & Graduate Oral Surgery, Endodontics, Pediatric Dentistry – Riley Hospital, Graduate Prosthodontics, & Dental Hygiene clinic.</p>	<p>practice journal, attendance and professionalism, patient satisfaction surveys, Dental Assisting National Board</p>			
<p>2-24 The major portion of the students' time in clinical assignments must be spent assisting with or participating in patient care.</p>					
<p>Class/classes that teach this standard and subset of standard</p>	<p>Teaching Strategy/strategies</p>	<p>Measures</p>	<p>Has the standard been met?</p>	<p>Competency Level</p>	<p>Any Changes needed</p>
<p>A 171 Clinical Science I</p>	<p>Students are required to assist with a variety of patient procedures.</p>	<p>Students must complete the 7th Competency which includes many assisting procedures that faculty must see students assisting with.</p>	<p>Yes</p>	<p>Clinical competency</p>	
<p>A 172 Clinical Science II</p>	<p>Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online access of course materials, clinical rotations.</p>	<p>Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey, Dental Assisting National Board</p>	<p>Yes, with over 300 clinical hours between both Clinical Science courses</p>	<p>Clinical proficiency</p>	

2-25 The dental assisting faculty must plan, supervise and evaluate the student's clinical experience.

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 171 Clinical Science I	Clinical Rotation Schedule is prepared and students are supervised.	Pre-clinical & Clinical Competencies	Yes		
A 172 Clinical Science II	See course information above	See above	Yes	NA	

2-26 Students must maintain a record of their activities in each clinical assignment.

Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 171 Clinical Science I	Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets , clinical rotations, professionalism papers.	Exam questions, competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board	Yes	Clinical competency	
A 172 Clinical Science II	Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism,	Yes	Clinical proficiency	

	journal. Online access of course materials, clinical rotations.	patient satisfaction survey, Dental Assisting National Board			
2-27 Seminars must be conducted periodically with students during the clinical phase of the program.					
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A 171 Clinical Science I	Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets, clinical rotations, professionalism papers.	Exam questions, competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board	Yes, seminars are scheduled on a regular basis.	NA	
A 172 Clinical Science II	Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online access of course materials, clinical rotations.	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey, Dental Assisting National Board	Yes, seminars are scheduled on a weekly basis.	NA	
2-28 When clinical experience is provided in extramural facilities, a dental assisting faculty member must visit each facility to assess each student's progress. Provisions must be made to support travel required for faculty to supervise this activity.					
Class/classes that teach this standard and	Teaching Strategy/strategies	Measures	Has the standard been	Competency Level	Any Changes needed

subset of standard			met?		
A 171 Clinical Science I	Reading assignments, lecture, pre-clinical exercises, clinical applications, online access of course materials, use of electronic charting, weekly procedure sheets, clinical rotations, professionalism papers.	Exam questions, competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board	Yes, Distance Learning Students are visited on a regular basis.	Clinical competency	
A 172 Clinical Science II	Reading assignments, clinical experiences, weekly clinical activity sheet, rotation review papers and a private practice journal. Online access of course materials, clinical rotations.	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey, Dental Assisting National Board	Yes, Distance Learning Students are visited on a regular basis.	Clinical proficiency	
2-29 Objective evaluation criteria must be utilized by faculty and office or clinical personnel to evaluate students' competence in performing specified procedures during clinical experiences.					
Class/classes that teach this standard and subset of standard	Has the standard been met? Yes	Measures			Any Changes needed
A 171 Clinical Science I	Yes, Competencies have been developed and utilized by faculty. The competencies are a part of the				

	student's manual so that all are aware of the competency requirements.				
A 172 Clinical Science II	Yes, Proficiencies have been developed and utilized by faculty. The competencies are a part of the student's manual so that all are aware of the competency requirements.				
2-30 Objective student evaluation methods must be utilized to measure all defined laboratory, preclinical and clinical course objectives.					
Class/classes that teach this standard and subset of standard	Teaching Strategy/strategies	Measures	Has the standard been met?	Competency Level	Any Changes needed
A171 Clinical Science I	See strategies listed above	Exam questions, competencies, observation in pre-clinical labs and clinical situations, Dental Assisting National Board			
A 172 Clinical Science II	See strategies listed above	Papers, clinical proficiency exam, rotation review paper, private practice journal, attendance and professionalism, patient satisfaction survey, Dental Assisting National Board			

A131 Dental Materials I	See strategies listed above	Exams, and Competencies, Dental Assisting National Board			
A132 Dental Materials II	See strategies listed above	Exams, competencies, projects, Dental Assisting National Board			