

TO: Kathy Pollock, Chair, Senate Executive Committee
FROM: Carol Lawton, Acting Chair, Curriculum Review Subcommittee
DATE: March 12, 2012
SUBJECT: Proposals for B.S. in Dental Hygiene and A.S. in Dental Assisting

Curriculum Review Subcommittee members support the proposal for a Bachelor of Science in Dental Hygiene degree and find that the proposal requires no Senate review. We also support the proposal for an Associate of Science in Dental Assisting degree and find that it requires no Senate review.

Approving

R. Duchovic
I.-H. Kim
C. Lawton
B. Salmon
S. Skekloff
L. Stanchev
N. Suntornpithug

Not Approving

Absent

A. Livschiz (sabbatical)
B. Resch (leave)

NEW PROGRAM PROPOSAL
BACHELOR OF SCIENCE IN DENTAL HYGIENE
INDIANA UNIVERSITY - PURDUE UNIVERSITY FORT WAYNE
August 2011

Institution: Indiana University – Purdue University Fort Wayne

College: Health and Human Services

Department: Dental Education

Degree Program Title: Bachelor of Science in Dental Hygiene (BSDH)

Suggested CIP Code: 51.0602

Location of Program/Campus Code: Fort Wayne, Indiana

Projected Date of Implementation: Fall 2012

Date Proposal was approved by
Institutional Board of Trustees:

Signature of Authorizing Institutional Officer

Date

Date Received by Commission for Higher Education

Commission Action (Date)

DEGREE PROPOSAL

BACHELOR OF SCIENCE IN DENTAL HYGIENE

Indiana University-Purdue University Fort Wayne
College of Health and Human Services

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BACHELOR OF SCIENCE IN DENTAL HYGIENE

Indiana University–Purdue University Fort Wayne (IPFW)

A. ABSTRACT

There is a national shortage of allied dental professionals who have the educational foundation to meet the challenges of an evolving profession. Federal mandates for access to health care for children, minority populations, elderly, uninsured, and underinsured individuals have prompted allied health professions to create new levels of dental practitioners to meet the demand for better health care. Fewer than half of all Americans currently seek routine, non-emergency dental care procedures. Barriers to routine dental care include limited income, lack of dental insurance, transportation needs, inadequate access to free dental clinics, fear of dental procedures, and language and cultural differences. In an effort to increase access to oral healthcare, the Federal government, the American Dental Association (ADA), the American Dental Hygienists' Association (ADHA), and the American Dental Educators Association (ADEA) have developed best practice models for a more highly skilled, versatile, better educated dental workforce.

The purpose of the Bachelor of Science in Dental Hygiene (BSDH) is to prepare dental hygiene graduates for leadership roles in a changing profession. The baccalaureate degree also prepares dental hygiene graduates for admission into graduate degree programs. Indiana University-Purdue University Fort Wayne (IPFW) Department of Dental Education in the College of Health and Human Services currently offers a three-year Associate of Science in Dental Hygiene degree and seeks to create a baccalaureate degree that emphasizes trans-cultural competence, critical thinking, evidence-based decision making, collaborative practice models, cooperative learning, dental public health policy development, and community-based service learning opportunities. This baccalaureate degree will provide greater opportunities for students and graduates to provide oral health care for the underserved, uninsured dental patients in the community.

The four-year baccalaureate degree will gradually replace the three-year associate degree. It is structured to accommodate students who have graduated from any ADA Commission on Dental Accreditation (CODA) dental hygiene program and seek further education and a broader range of career opportunities through a degree completion program. IPFW will fully articulate with Indiana's Ivy Tech Community College dental hygiene programs.

Clientele to Be Served:

IPFW associate degree dental hygiene students currently graduate with 90 or more credits to fulfill graduation requirements. The proposed baccalaureate degree will continue to provide quality education for dental hygiene students seeking careers in private dental practice settings. Educational experiences will continue to include emphasis on traditional clinical competencies, but an expanded four-year curriculum will provide an opportunity for greater emphasis on leadership development, critical thinking, self-assessment, evidence-based

decision making, public health policy development, and professional growth. The BSDH degree will provide the knowledge and experiences necessary for success in alternative career pathways, such as dental public health, dental leadership and sales, dental product research and development, entry level clinical dental hygiene faculty positions (at community colleges and at universities (with completion of an appropriate graduate degree), and expanded clinical practice positions. This degree also provides a baccalaureate completion degree track for associate degree dental hygienists who want a degree which prepares them for career opportunities beyond private practice settings. Students will be given numerous opportunities to collaborate with community partners to provide more comprehensive clinical and educational services in a variety of community and educational settings.

Curriculum:

PREREQUISITE COURSES		Gen Ed Area	Credits
ENG W131	Elementary Composition I	I	3
COM 114	Fundamentals of Speech Communication	I	3
CHM 111	General Chemistry w/lab	II	3
CHM 112	General Chemistry w/lab	II	3
PSY 120	Elementary Psychology	III	3
SOC S161	Principles of Sociology	III	3
BIOL 203	Human Anatomy & Physiology I w/lab		4
BIOL 204	Human Anatomy & Physiology II w/lab		4
BIOL 220	Microbiology for Allied Health Professionals		4
TOTAL			30

OTHER REQUIRED COURSES		Gen Ed Area	Credits
PHIL 312	Medical Ethics	IV	3
<i>(Select one)</i> English Comp	ENG W233 Intermediate Expository Writing <u>or</u> ENG W232 Introduction to Business Writing		3
<i>(Select one)</i> Language	Spanish, any other international language, <u>or</u> American Sign Language		3
<i>(Select one)</i> Cultural Competency	NUR 309 Trans-cultural Healthcare, <u>or</u> COM 303 Intercultural Communication <u>or</u> PSY 334 Cross Cultural Psychology		3
<i>(Select one)</i>	Gen Ed Area I: Math/Statistics Course	I	3
<i>(Select one)</i>	Gen Ed Area IV: Humanistic Thought Course	IV	3
<i>(Select one)</i>	Gen Ed Area V: Creative/Artistic Expression Course	V	3
<i>(Select one)</i>	Gen Ed Area VI: Inquiry/Analysis Course	VI	3
<i>(Select one)</i> *Specialty Concentration Core	Dental Hygiene Education Core Courses, Community Dental Hygiene Core Courses, <u>or</u> Dental Leadership and Sales Core Courses		9
TOTAL			33

PROFESSIONAL COURSES			Credits
DHYG H204	Periodontics		2
DHYG H205	Medical & Dental Emergencies		2
DHYG H211	Head & Neck Anatomy		2
DHYG H214	Oral Anatomy & Histology		3
DHYG H215	Pharmacology & Therapeutics		2
DHYG H216	Chemistry & Nutrition		2
DHYG H217	Preventive Dentistry		2
DHYG H218	Fundamentals of Dental Hygiene		5
DHYG H219	Clinical Practice I		4
DHYG H221	Clinical Dental Hygiene Procedures		2
DHYG H240	Introduction to Dental Ethics		1
DHYG H250	Local Anesthetic and Pain Control		2
DHYG H301	Clinical Practice II		5
DHYG H302	Clinical Practice III		5
DHYG H303	Radiology		2
DHYG H304	Oral Pathology		2
DHYG H305	Radiology Clinic I		2
DHYG H306	Radiology Clinic II		1
DHYG H307	Radiology Clinic III		1
DHYG H308	Dental Materials		2
DHYG H309	Community Dental Hygiene		2
DHYG H320	Practice Management, Ethics, & Jurisprudence		2
DHYG H321	Periodontics II		2
DHYG H344	Senior Hygiene Seminar (Capstone Course)		2
DHYG H347	Dental Public Health		3
TOTAL			60

**Students will select ONE of the following specialty concentration cores*

SPECIALTY CONCENTRATION CORE 1: Dental Hygiene Education			Credits
DHYG D401	Principles of Dental Sciences Education		3
DHYG D402	Practicum in Dental Sciences Education		3
EDUC M479	Methods of Dental Health Education		3
TOTAL			9

SPECIALTY CONCENTRATION CORE 2: Community Dental Hygiene			Credits
DHYG H403	Advanced Community Dental Hygiene		3
DHYG H408	Practicum in Community Health		3
<i>(Select one)</i> ANTH E445	Medical Anthropology		3
PSY 317	Addictions: Biology, Psychology, and Society	VI	
SOC S314	Social Aspects of Health and Medicine	VI	
TOTAL			9

SPECIALTY CONCENTRATION CORE 3: Dental Leadership and Sales			Credits
OLS 252	Human Relations in Organizations	III	3
OLS 274	Applied Leadership		3
(Select one)			
COM 318	Principles of Persuasion		3
COM 325	Interviewing: Principles & Practice		
OLS 320	Customer Service & Commitment		
OLS 342	Interviewing Strategies in Organizations		
OLS 454	Gender and Diversity in Management		
OLS 485	Leadership for Team Development		
TOTAL			9

See Appendix A for examples of a four-year baccalaureate degree sequence.

Employment Possibilities:

Employment opportunities for baccalaureate prepared dental hygienists are excellent and, according to the Occupational Outlook Handbook of the U.S. Bureau of Labor, employment opportunities are expected to grow faster than average occupations. According to the ADEA's December 2009 monthly newsletter, employment in dental hygiene is projected to increase by 30% between 2006 and 2016.

The 2006 ADEA report, *Unleashing the Potential*, addressed several employment concerns related to the future dental workforce. According to this report, only 50% of all Americans receive non-emergency, routine, preventive dental care. Many of the underserved people include minority populations, new immigrants, special needs children and adults, elderly patients, and children from low income areas. For the first time in history, the number of dentists graduating from American dental schools is lower than the number of dentists who are retiring or leaving clinical dentistry. The ADEA report estimates it will take an additional 11,000 dental hygienists to eliminate the oral health care disparities for the 43 million Americans living in dental health care shortage areas. According to the U.S. Department of Health and Human Services Bureau of Health Professions and the Indiana State Department of Health, Indiana has an immediate need for dental healthcare providers who are willing to work in areas that serve low income residents. Given the manpower disparity and the Federal Government's desire to achieve better access to healthcare, employment opportunities for dental hygienists with baccalaureate degrees currently exist or will be created in the near future.

B. PROGRAM DESCRIPTION

B.1. Describe the proposed program and state its objectives:

The Dental Hygiene Program is proposing a Bachelor of Science in Dental Hygiene (BSDH) degree. The baccalaureate degree will gradually replace the current three year, 92-credit Associate of Science in Dental Hygiene degree. The BSDH

curriculum also accommodates associate degree dental hygiene graduates as a baccalaureate completion degree.

The purpose of the proposed BSDH degree is to prepare graduates for leadership roles and employment in commercial dental businesses, dental product research and development, dental insurance companies, and public health settings. The academic rigor of this degree will provide a strong foundation for admission into graduate programs and dental schools. When used as a completion degree program, it provides an opportunity for dental hygienists to complete a degree program that prepares them for a broader range of career opportunities.

Objectives of the Bachelor of Science in Dental Hygiene

IPFW Baccalaureate Framework	BSDH Objectives
1. Acquisition of Knowledge	<p>Demonstrate knowledge, skills, and values necessary for positions of responsibility in a variety of health care, educational, clinical, business, research, and community settings.</p> <p>Demonstrate knowledge and skills necessary to become responsible dental professionals and leaders in local, regional, national and international organizations and communities.</p>
2. Application of Knowledge	Evaluate current dental literature and apply that knowledge to make sound, evidence-based decisions and continue life-long learning.
3. Personal and Professional Values	Demonstrate highest levels of personal integrity and professional ethics in the delivery of dental hygiene services in diverse practice settings.
4. A Sense of Community	Promote the dental hygiene profession through service learning activities, affiliations with professional organizations, and partnerships with the community.
5. Critical Thinking and Problem Solving	Demonstrate proficiency in critical thinking, reasoning, questioning, and decision-making skills.
6. Communication	Develop oral, written, and multimedia skills necessary to communicate effectively with diverse populations in a variety of professional and educational settings.

Proposed Program Mapped With the IPFW Baccalaureate Framework

The baccalaureate framework mapping of prerequisite courses is determined by respective departments offering each course. Prerequisite courses include BIOL 203 and 204 Anatomy & Physiology, BIOL 220 Microbiology for the Health Professional, CHM 111 and 112 General Chemistry, COM 114 Fundamentals of Speech Communication, ENG W131 English Composition, PSY 120 Elementary Psychology, and SOC S161 Principles of Sociology.

Baccalaureate framework mapping for the dental hygiene professional courses are listed below.

Program sequence identifier	Dept	Course number	Credits	Course name	Acquisition of Knowledge	Application of Knowledge	Personal and Professional values	A sense of community	Critical thinking and problem solving	Communication
DHYG 2	DHYG	H205	2	Dental/Medical Emergencies and Therapeutics	X	X	X	X	X	X
DHYG 2	DHYG	H204	2	Periodontics I	X	X	X		X	X
DHYG 2	DHYG	H211	2	Head and Neck Anatomy	X				X	
DHYG 2	DHYG	H214	3	Oral Anatomy	X	X				
DHYG 2	DHYG	H215	2	Pharmacology and Therapeutics	X	X		X		
DHYG 2	DHYG	H216	2	Chemistry and Nutrition	X				X	X
DHYG 2	DHYG	H217	2	Preventive Dentistry		X		X	X	X
DHYG 2	DHYG	H218	5	Fundamentals of Dental Hygiene	X	X	X	X	X	X
DHYG 2	DHYG	H219	4	Clinical Practice I	X	X	X	X	X	X
DHYG 2	DHYG	H221	2	Clinical Dental Hygiene Procedures	X					X
DHYG2	DHYG	H240	1	Introduction to Dental Ethics	X	X	X		X	
DHYG2	DHYG	H250	2	Local Anesthetic and Pain Control	X	X	X		X	X
DHYG 3	DHYG	H301	5	Clinical Practice II	X	X	X	X	X	X
DHYG 3	DHYG	H302	5	Clinical Practice III	X	X	X	X	X	X
DHYG 3	DHYG	H303	2	Radiology	X		X			
DHYG 3	DHYG	H304	2	Oral Pathology	X	X			X	
DHYG 2	DHYG	H305	2	Radiology Clinic I	X	X			X	X
DHYG 3	DHYG	H306	1	Radiology Clinic II	X	X			X	X
DHYG 3	DHYG	H307	1	Radiology Clinic III	X	X			X	X
DHYG 3	DHYG	H308	2	Dental Materials	X	X	X			
DHYG 3	DHYG	H309	2	Practice of Community Dental Hygiene	X	X	X	X	X	X

DHYG 3	DHYG	H320	2	Practice Management, Ethics & Jurisprudence	X	X	X		X	X
DHYG 3	DHYG	H321	2	Periodontics II	X	X	X		X	X
DHYG 3	DHYG	H344	2	Senior Hygiene Seminar (Capstone course)	X	X	X		X	X
DHYG 3	DHYG	H347	3	Dental Public Health	X	X	X	X	X	X
DHYG 4	DHYG	D401	3	Practice in Dental Sciences Education	X	X	X	X	X	X
DHYG 4	DHYG	D402	3	Practicum in Dental Sciences Education	X	X	X		X	X
DHYG 4	DHYG	H403	3	Practice in Community Dental Hygiene	X	X	X	X	X	X
DHYG 4	DHYG	H408	3	Practicum in Community Health	X	X	X	X	X	X
DHYG 4	EDUC	M479	3	Methods in Dental Hygiene Education	X	X	X		X	X

Supporting Documentation

According to the Pew Health Profession Commission Report, *Healthy America: Practitioners for 2005*, "Graduates completing advanced degrees must have enhanced knowledge and experience in patient management, clinical practice in community settings, cultural diversity, and evidence-based decision making." In its 2005 report, *Dental Hygiene: Focus on Advancing the Profession*, the ADHA recommended the development of dental hygiene practitioners with education at the master's degree level to attain new levels of knowledge, technical skills, and clinical abilities appropriate for an advanced level of responsibility. Graduates of the IPFW baccalaureate degree program will be better prepared for the expanded dental practice settings of the future.

B.2.a. Describe admissions requirements, anticipated student clientele, and student financial support.

Students seeking admission into the BSDH degree program must complete a minimum of 30 credits of prerequisite courses with a grade point average of 3.30 or higher. Credit will not be given for prerequisite courses taken on a pass/fail or audit option. Prerequisite courses may be repeated only once to improve the course grade. If courses are repeated, the second grade will replace the first grade. All prerequisite courses must be completed by June 1 for fall admission into the program.

Microbiology, human anatomy, and human physiology must include laboratory experiences and must be completed within five years of admission into the program. Credits in all other prerequisite courses will be accepted for 10 years. Outdated courses must be retaken. Selection into the dental hygiene program will be based on prerequisite, cumulative, science grade point averages and appropriate cognitive tests.

Students who apply for admission into the BSDH completion degree program must enter with an associate degree in dental hygiene granted by an ADA CODA accredited program. Completion degree students must maintain an active license to practice dental hygiene in Indiana or be eligible for Indiana licensure. Transfer students must also complete a minimum of 32 residency credits at IPFW.

Students who apply for the completion degree program will be required to meet with the IPFW Dental Hygiene Program director or dental hygiene faculty advisors for an individualized assessment of their previous college credits. The IPFW Office of Admissions will help determine course equivalencies. Depending on the applicant's transcripts, the program director and/or faculty advisors will make recommendations regarding any curriculum deficiencies. **Appendix B** compares an Ivy Tech Community College Dental Hygiene Program's curriculum to IPFW's dental hygiene curriculum. Listed below are three subjects found to be insufficient in depth and scope in Ivy Tech Community College's dental hygiene curriculum.

- Periodontics
- Ethics and Jurisprudence
- Community Dental Hygiene

Given this example, the student would be required to complete the three courses listed above at IPFW as part of their baccalaureate completion degree. Credits from these courses will be used to fulfill minimum graduation requirements.

All students are eligible for financial assistance through the IPFW Office of Financial Aid. Additionally, financial assistance opportunities also exist for completion degree students through the ADHA, ADEA, IPFW Center for Women and Returning Adults, and potential employers, such as Colgate-Palmolive, Hu-Friedy, Proctor and Gamble, Inc.

B2.b *State whether the program is designed to meet the needs of specific student clienteles- e.g. part-time, currently employed professionals, non-traditional students, women preparing to re-enter the job market, etc.*

This program is designed to meet the needs of both full- and part-time students. Many of the general education and completion degree courses are offered as evening, weekend, and distance education courses. However, due to limited faculty resources and clinical/laboratory space, the two-year professional curriculum must be taken on a full-time basis.

B2.c *If enrollment is limited, describe the restrictions, reasons for them, and criteria for selecting among applicants.*

Enrollment into the four-year BSDH program will be limited to 30 students per year due to the facility restrictions of current clinics, laboratories, and designated classrooms. Admission will be based on prerequisite, cumulative, science grade point averages and other objective criteria, achieved by completing the minimum 30 credits of prerequisite courses.

Enrollment into the BSDH completion program will be limited to an additional 20 students. Admission into the completion program will be based on cumulative grade point averages.

B2.d. *For graduate and professional programs, indicate anticipated levels of student financial support to be provided from (a) institutional and (b) other sources.*

Not applicable.

B3. Describe the proposed curriculum

B3.a. *Describe requirements involving total credit hours, credit hour distribution, field experiences, etc.*

Students graduating with the BSDH degree must successfully complete a minimum of **123 credits** which includes the following course areas:

- **30 credits** - pre-professional courses
- **60 credits** - dental hygiene professional courses
- **33 credits** – specialty concentration core and other required courses

The baccalaureate curriculum includes a minimum of 33 credits of general education courses. A variety of practicum experiences and internships are included through core concentration courses and will be dependent upon the student's chosen concentration. Field experiences and internships will include active participation in community and educational settings, such as

- Matthew 25 Health and Dental Clinic
- Lafayette Street Dental Clinic
- Allen County Amish Schools
- Fort Wayne Community Schools
- Healthy Cities Health Fair
- Cancer Services of Northeast Indiana
- Hope Center
- Park Center
- Turnstone
- Allen County Juvenile Detention Center
- Golden Years Retirement Home

B3.b *Provide a sample curriculum consisting of the semester-by-semester sequence of courses a program major might take.*

See Appendix A.

B3.c *Existing courses and offerings during last three years.*

All courses in the Associate of Science in dental hygiene degree have been offered at least once per year for more than three years. See **Appendix A** for the complete curriculum.

B3.d *Indicate all new courses, approvals, etc*

All courses for the bachelor's program have been approved, including the following new courses:

• DHYG H204	Periodontics	2 credits
• DHYG H205	Medical & Dental Emergencies	2 credits
• DHYG H240	Introduction to Dental Ethics	1 credit
• DHYG H403	Advanced Community Dental Hygiene	3 credits
• DHYG H408	Practicum in Community Health	3 credits

B3.e *Note course requirements for the degree delivered by another institution.*

All courses for the BSDH will be delivered by IPFW. However, students may transfer credits for equivalent courses from other accredited colleges and universities as long as students meet IPFW residency requirements by graduation.

B4. Describe form of recognition

B4.a *Type of Degree:*

Bachelor of Science in Dental Hygiene

B4.b *CIP code* 51.0602

B4.c *Diplomas will read:*

Bachelor of Science in Dental Hygiene
Indiana University–Purdue University Fort Wayne

B5. List program faculty and administrators.

B5.a *List name, rank, and specialization, nature of the appointment and highest academic degree earned by those who would be directly involved in the program, including campus administrators.*

Campus Administrators:

Michael A. Wartell, Ph.D., Chancellor
William J. McKinney, Ph.D., Vice Chancellor for Academic Affairs
Ann M. Obergfell, J.D., Interim Dean, College of Health and Human Services

Department of Dental Education Faculty:

Connie L. Kracher, Ph.D., MSD, Chair and Associate Professor, Department of Dental Education

Brenda M. Valliere, D.D.S., Director and Clinical Assistant Professor, Dental Hygiene Program

Mary D. Cooper, M.S.Ed., Professor, Department of Dental Education

Elaine S. Foley, M.S.Ed., Clinical Associate Professor, Department of Dental Education

Nancy K. Mann, M.S.Ed., Clinical Associate Professor, Department of Dental Education

Marlaina Lantzy, MS, Visiting Instructor, Department of Dental Education

B5.b *New Faculty Positions needed to implement programs.*

No new faculty positions will be required to implement this degree.

B6. *Describe needed learning resources.*

B6.a *Describe scope and quality of library holdings, audio-visual materials, etc. that are available and would directly support the program.*

No additional learning resources will be needed. The Helmke Library at IPFW maintains current dental references, dental textbooks and journals, as well as dental and medical database indices online. Interlibrary loans are available for references not held at the Helmke Library. Library resources are also available through the Indiana University School of Dentistry in Indianapolis.

New courses will not require additional supplies or clinical space. Courses will be scheduled in rooms already equipped with multimedia equipment.

B6.b *Describe in detail need for additional learning resources that, if unmet, will prohibit the offering of a high quality program.*

Not applicable.

B7. *Describe other program strengths.*

B7.a *Describe special features which inform the character or personality of the proposed program and make it distinctive.*

In the 2002 ADHA publication, *A Future Vision for Dental Hygiene*, the ADHA Task Force stated, "As the population ages and becomes more culturally diverse,

overall health and oral health needs are becoming more complex, requiring health care practitioners to have a broad-based education. Programs of limited length struggle to incorporate new content and techniques to enhance oral health care. As a result, curricula are overcrowded.” The Bachelor of Science in Dental Hygiene will provide unique interdisciplinary cooperative learning opportunities, extramural assignments, and internships that will improve graduates’ competence in a variety of dental hygiene careers.

The proposed baccalaureate degree builds on the strength of the current associate degree. IPFW’s Dental Hygiene Program has been in existence for 45 years and is well-supported by members of the local and state dental and dental hygiene communities.

An additional strength of the proposed completion degree is its ability to articulate with all ADA CODA accredited dental hygiene programs in the United States and Canada. Approximately 72% of all dental hygiene programs in the United States are located in community colleges that do not offer baccalaureate or master degrees. The development of distance education courses will further enhance the viability of this degree. As a result of a more broad-based education, graduates will be prepared to assume leadership roles in both clinical and non-clinical settings. As the dental hygiene profession develops opportunities for expanded responsibilities in more diverse practice settings, this degree’s emphasis on critical thinking, evidence-based practice, trans-cultural healthcare, and community health policy development will prepare graduates for future career opportunities.

The completion degree is designed to meet the needs of working students. The part-time curriculum, distance education, and evening courses provide opportunities for students to reach their professional goals.

B7.b *Anticipated collaborate arrangements with other parties, inter-institutional arrangements for course sharing, cooperative programs, clinical affiliations, etc. The extent of the relationship should be explained and instruction or other resource to be provided by the various parties described. Any written confirmation of the commitment, including drafts of contracts or agreement, should be attached.*

Course sharing and cooperative program arrangements will not be needed. Community dental clinic affiliations are already in place for the Associate of Science in Dental Hygiene degree. Affiliation agreements for Matthew 25 Health and Dental Clinic and Neighborhood Health Clinic are included as **Appendix F**.

C. PROGRAM RATIONALE

C1. Institutional Factors

C1.a. *Explain how the proposed program is compatible with the institution's mission.*

The mission of IPFW is to meet the educational needs of those living in Northeastern Indiana through a broad range of programs leading to associate's, baccalaureate, and graduate degrees, as well as providing a wide variety of continuing education opportunities. The Bachelor of Science in Dental Hygiene will fulfill the need for further education, leading to expanded career opportunities for dental hygienists.

In 2004 and 2007, surveys were sent to dental hygiene alumni and current dental hygiene students to investigate the level of interest in the proposed BSDH degree. **Appendix E** demonstrates the interest in this baccalaureate completion degree. Of those responding, 64.6% (188/291) stated they would be interested in pursuing a BSDH Completion Degree at IPFW. An additional 65 students (22.3% of all respondents) stated an interest in pursuing the completion degree once they are free from student loan debt.

C1.b *Describe the planning process which resulted in the development and submission of the proposal for a new program. Indicate when the program first appeared in the institution's educational services plan, describing the planned timeline for its submissions and implementation.*

The planning process for the new program has been gradual. The degree has been modeled from student feedback, advances in the field of dentistry, recommendations from the ADHA and ADEA, and conversations among the dental hygiene faculty, administrators, graduates, and current students. It is anticipated this degree would be offered for students beginning fall of 2012.

C1.c *Describe any significant impact the proposed program might have on other instructional, research, or service programs of the institution or campus.*

The proposed dental hygiene degree will have minimal impact on other university programs. The proposed degree will require students to enroll in additional general education courses offered by the College of Arts & Sciences. The increase in undergraduate students will generate additional student use of library holdings, clinical and laboratory facilities, instructional media, computer equipment, and software.

C1.d *Describe how the proposed program would more fully utilize existing resources?*

The baccalaureate degree will increase the utilization of the technology-equipped dental hygiene clinical and laboratory facilities. These facilities are already established and are currently used by existing dental education students. The addition of completion degree students will bring the utilization of clinical, laboratory, and off-campus clinical facilities to full capacity. Increasing the

number of students at extramural sites and internship facilities will positively impact the quality and quantity of dental health care services available to underserved/uninsured members of the community.

C2. Student Demand

C2.a. *Describe how enrollment projections for the program have been derived. State whether the new program is expected to add students to the total enrollment of the campus. Indicate the extent to which the new curriculum is expected to attract majors and the extent it will provide service courses or electives for majors in other programs.*

The proposed baccalaureate degree is not expected to add additional full-time students. Maximum class size for the professional courses is 30 students per year because of limited clinic and laboratory space.

It is anticipated that 15-20 part-time completion degree students will enroll in courses as dental hygiene majors through the IPFW Dental Hygiene Program annually. This projected student enrollment is based on the statistics generated by the 2004 and 2007 student and alumni surveys in which 64.6% of respondents indicated they would consider enrolling in a BSDH completion degree at IPFW. See **Appendix E**.

The completion degree will attract graduate dental hygienists because of its unique opportunity for career advancement and preparation for graduate studies. Most of the dental hygiene baccalaureate completion degrees in the United States offer only one career path, such as advanced clinical practice, dental public health, or allied dental education. The unique strength of the proposed degree is the diversity of career options offered.

This degree is not expected to attract other majors because dental hygiene has such specialized curriculum and licensure requirements.

C3. Transferability

Summarize the existing or planned arrangements for the transferability of program credits, number of graduates expected to transfer, constraints on transfer students. Document any unique agreements.

It is anticipated that all or most of the courses completed at accredited colleges and universities will transfer into this degree. However, for completion degree students, dental hygiene professional courses must have been taken at an ADA CODA accredited program in the United States or Canada. The Office of Admission will be a valuable resource in determining course equivalencies for courses transferred from other colleges and universities.

With the exception of the general education component, prerequisite and professional courses in the IPFW dental hygiene associate degree curriculum are

similar to those offered at Indiana University-Purdue University Indianapolis, Indiana University South Bend, Indiana University Northwest, University of Southern Indiana, and the Ivy Tech Community College dental hygiene programs at Anderson and South Bend. Students who complete associate degrees at other institutions must meet IPFW residency requirements and enter with a cumulative grade point average of 3.0 or higher.

C4. Access to graduate and professional programs

Respond if program will prepare students for entry into graduate or professional schools. Describe briefly the requirements for admission, prospects for employment.

Graduates are eligible to apply to master's degree programs through IPFW, as well as graduate programs at other colleges and universities across the United States.

Many opportunities exist in non-clinical settings for baccalaureate and/or master's degree dental hygienists. Examples include dental product companies, dental research facilities, hospital and extended care facilities, public health agencies, and dental clinics for the indigent and underserved populations.

C5. Demand and employment factors

Respond to this question if preparing students for specific employment opportunities is a key program objective. In such cases, provide the kinds of information described in Appendix B, Demand and Employment Analysis.

Not applicable.

C6. Regional, state, and national factors

C6.a. *List comparable programs in the region or state and explain why these existing programs cannot meet the need of perspective students and/or employers in the geographic area which the program would serve.*

Most IPFW students live within commuting distance and believe a degree from the IPFW Dental Hygiene Program is the most desirable option. The dental hygiene baccalaureate degrees offered at Indiana University School of Dentistry in Indianapolis, Indiana University South Bend and the University of Southern Indiana in Evansville are not viable options for completion degree students because employment and family responsibilities prohibit such long commutes.

C6.b External agencies

Describe the regional accrediting, professional association and licensing requirement that have helped shape the program's curriculum.

Accrediting Bodies

The American Dental Association Commission on Dental Accreditation (ADA CODA) establishes the standards for the accreditation of dental hygiene programs. Dental hygiene programs are required to submit annual reports demonstrating compliance with the standards and are subject to onsite program reviews by ADA CODA representatives every seven years.

Professional Associations

The American Dental Hygienists' Association (ADHA) is the professional organization for dental hygienists. The ADHA offers services to dental hygiene program faculty and students such as scholarship opportunities, instructional programs, brochures, access to current dental research, and professional journals. ADHA scholarships are available for students at the associate, baccalaureate, master, and doctorate levels. The ADHA, the Indiana Dental Hygienists' Association (IDHA), and the Isaac Knapp Dental Hygienists' Association (IKDHA), the local component, also provide opportunities for leadership development within the profession.

The American Dental Educators Association (ADEA) represents dental educators across the United States and provides leadership in the advancement of dental education. ADEA also assists dental hygiene education by providing curriculum guidelines.

Licensing Requirements

Entry level dental hygienists must successfully complete national, regional, and state licensing examinations before being eligible for licensure to practice dental hygiene in any state. Graduates must pass each examination with a score of 75% or higher. The Dental Hygiene National Board Examination is an eight hour, comprehensive, computerized examination. Regional examinations consist of a two-hour computerized national board-style examination, followed by a four-hour clinical examination. Dental state boards require successful completion of a dental law examination prior to receiving an active dental hygiene license. State licenses must be renewed every two years.

D. PROGRAM IMPLEMENTATION AND EVALUATION

Describe how the program will be implemented and evaluated. Indicate which measures of performance will be used to determine the program's success. Some measures should be quantitative and others qualitative.

Once approved, the program will immediately begin admitting students into the baccalaureate and completion degree programs.

The IPFW Dental Hygiene Program submits annual assessment reports to the ADA CODA, College of Health and Human Services assessment committee, and the campus assessment committee. Assessment and ADA CODA reports will be used to determine the success of the program and areas for improvement. In addition to student evaluations of instruction for each course, other assessment measures will include:

- **Retention and Graduation Rate**
Expected Level of Performance:
90 % of students will graduate from the program.

- **Pass Rate on National, Regional, and State Licensing Examinations**
Expected Level of Performance:
100% of graduates will pass all licensing examinations.

- **Job Placement Rate**
Expected Level of Performance:
90% of graduates will be employed within six months of graduation.

- **Graduate Satisfaction Survey**
Expected Level of Performance:
Graduates will rate the program above average in all areas.

- **Employer Satisfaction Survey**
Expected Level of Performance:
Employers will rate graduates' abilities above average in all areas.

REFERENCES:

- Bureau of Labor Statistics, U.S. Department of Labor. (2007) Occupational Outlook Handbook 2006-2007. Retrieved August 9, 2006 from <http://bls.gov/oco>
- American Dental Hygienists' Association (2005, June). Dental Hygiene: Focus on Advancing the Profession. Retrieved June 1, 2006 from http://adha.org/downloads/ADHA_Focus_Report
- The College of Health and Human Services Strategic Plan. (2007). Retrieved September 5, 2007 from <http://www.ipfw.edu.hhs>
- The Pew Health Professions Commission. (1991). *Healthy America: Practitioners for 2005, an agenda for action for U.S. health professional schools*. Durham, NC: Shugars, D.A., O'Neil, E.H. & Bader, J.D.
- U.S. Department of Health and Human Services Bureau of Health Professions. (2007). HRSA Shortage Designation Branch. Retrieved September 6, 2007, <http://bhpr.hrsa.gov/shortage>
- American Dental Association Commission on Dental Accreditation. (2009). Standards for Dental Hygiene Programs.

APPENDIX A

YEAR ONE - FALL		
BIOL 203	Anatomy & Physiology w/lab	4
CHM 111	General Chemistry I w/lab	3
ENG W131	Elementary Composition	3
SOC S161	Principles of Sociology	3
TOTAL		13

YEAR ONE - SPRING		
BIOL 204	Anatomy & Physiology w/lab	4
CHM 112	General Chemistry II w/lab	3
COM 114	Fund. of Speech Comm.	3
PSY 120	Elementary Psychology	3
TOTAL		13

YEAR ONE - SUMMER I		
BIOL 220	Microbiology for Allied Health Professionals	4

YEAR ONE - SUMMER II		
Gen Ed Area I	Math/Statistics Course	3

YEAR TWO - FALL		
DHYG H205	Medical/Dental Emergencies	2
DHYG H214	Oral Anat./Histol./Embryology	3
DHYG H217	Preventive Dentistry	2
DHYG H218	Fundamentals of Dental Hyg	5
DHYG H240	Intro to Dental Ethics	1
DHYG H303	Radiology	2
TOTAL		15

YEAR TWO - SPRING		
DHYG H204	Periodontics	2
DHYG H211	Head & Neck Anatomy	2
DHYG H215	Pharmacology & Therapeutics	2
DHYG H219	Clinical Practice I	4
DHYG H221	Clinical Dental Hyg Procedures	2
DHYG H305	Radiology Clinic I	2
DHYG H308	Dental Materials	2
TOTAL		16

YEAR TWO - SUMMER I		
PHIL 312	Medical Ethics	3

YEAR TWO - SUMMER II		
Choose 1		3
NUR 309	Transcultural Health Care <u>or</u>	
COM 303	Intercultural Communication <u>or</u>	
PSY 334	Crosscultural Psychology	

APPENDIX A (continued)

YEAR THREE - FALL		
DHYG H250	Local Anes./Pain Control	2
DHYG H301	Clinical Practice II	5
DHYG H304	Oral Pathology	2
DHYG H306	Radiology Clinic II	1
DHYG H321	Periodontics II	2
DHYG H347	Dental Public Health	3
TOTAL		15

YEAR THREE - SPRING		
DHYG H216	Chemistry & Nutrition	2
DHYG H302	Clinical Practice III	5
DHYG H307	Radiology Clinic III	1
DHYG H309	Community Dent Hyg	2
DHYG H320	Practice Mgmt, Ethics, Jurisprud.	2
DHYG H344	Senior Hyg Seminar (Capstone)	2
TOTAL		14

YEAR THREE - SUMMER I		
Gen Ed IV	Humanistic Thought Course	3

YEAR THREE - SUMMER II		
Gen Ed V	Creative/Artistic Express. Course	3

YEAR FOUR - FALL		
Choose 1	Writing Course:	3
ENG W233	Intermediate Expos. Writing or	
ENG W234	Intro. To Business Writing	
DHYG	<i>Specialty Concentration Course 1</i>	3
DHYG	<i>Specialty Concentration Course 2</i>	3
Language	International Language Course	3
TOTAL		12

YEAR FOUR - SPRING		
Gen Ed. VI	Inquiry & Analysis Course	3
DHYG	<i>Specialty Concentration Course 3</i>	3
TOTAL		6

APPENDIX B

Comparison of IPFW and Ivy Tech Associate of Science in Dental Hygiene Curricula

SUBJ		IPFW PREREQUISITE COURSES	Cr
BIOL	203	Anatomy & Physiology I	4
BIOL	204	Anatomy & Physiology II	4
CHM	111	Chemistry I	3
CHM	112	Chemistry II	3
COM	114	Communication	3
ENG	131	English Composition	3
PSY	120	Introduction to Psychology	3
SOC	S161	Introduction to Sociology	3
COREQUISITE COURSE			
BIOL	220	Microbiology	4
Pre and Corequisite Total			30
PROFESSIONAL COURSES			
DHYG	H204	Periodontics	2
DHYG	H205	Medical/Dental Emergencies	2
DHYG	H211	Head & Neck Anatomy	2
DHYG	H214	Oral Anatomy & Histology	3
DHYG	H215	Pharmacology & Therapeutics	2
DHYG	H216	Chemistry & Nutrition	2
DHYG	H217	Preventive Dentistry	2
DHYG	H218	Fundamentals of Dental Hygiene (Lecture, lab and preclinic)	5
DHYG	H219	Clinical Practice I	4
DHYG	H221	Clinical Dental Hygiene Procedures	2
DHYG	H240	Introduction to Dental Ethics	1
DHYG	H250	Local Anesthetic & Pain Control	2
DHYG	H301	Clinical Practice II	5
DHYG	H302	Clinical Practice III	5
DHYG	H303	Dental Radiology	2
DHYG	H304	Oral Pathology	2
DHYG	H305	Radiology Clinic I	2
DHYG	H306	Radiology Clinic II	1
DHYG	H307	Radiology Clinic III	1
DHYG	H308	Dental Materials	3
DHYG	H309	Community Dental Hygiene	3
DHYG	H320	Practice Mgmt, Ethics, Jurisprudence	2
DHYG	H321	Periodontics II	2
DHYG	H344	Senior Hygiene Seminar (Capstone)	2
DHYG	H347	Dental Public Health	3
Professional Total			62
IPFW ASDH TOTAL			92

SUBJ		IVY TECH PREREQUISITE COURSES	Cr
APHY	101	Anatomy & Physiology I	3
APHY	102	Anatomy & Physiology II	3
BIOL	201	Microbiology I	3
CHEM	111	Chemistry I	4
ENGL	111	English Composition	3
IVYT	1XX	Life Skills Elective	1
MATH	111	Intermediate Algebra	3
PSYC	101	Introduction to Psychology	3
SOCI	111	Introduction to Sociology	3
Select one of the following courses			
COMM	101	Fundamentals of Public Speaking	3
COMM	102	Intro to Interpersonal Communic.	3
Prerequisite Total			29
PROFESSIONAL COURSES			
DHYG	208	Periodontology	2
DHYG	121	Medical & Dental Emergencies	1
DHYG	107	Head & Neck Anatomy	1
DHYG	104	Dental Anatomy	2
DHYG	106	Oral Histology & Embryology	1
DHYG	120	Pharmacology	2
DHYG	105	Nutrition & Oral Health	2
DHYG	109	Preventive Dentistry	1
DHYG	101	Fundamentals of Dental Hygiene	2
DHYG	102	Fundamentals of Dental Hygiene Lab	2
DHYG	114	Dental Hygiene Clinic I	5
DHYG	228	Dental Hygiene Clinical Procedures	1
DHYG	224	Dental Hygiene Clinic II	5
DHYG	234	Dental Hygiene Clinic III	6
DHYG	103	Dental Radiography	2
DHYG	222	Oral Pathology	2
DHYG	122	General Pathology	1
DHYG	113	Dental Radiography Clinic I	1
DHYG	203	Dental Materials	2
DHYG	204	Pain Management	2
DHYG	230	Clinic Seminar (Capstone Course?)	2
DHYG	201	Community & Public Health Dent.	3
Professional Total			48
IVY TECH ASDH TOTAL			77

Courses without a counterpart are identified in **bold and italics**.

APPENDIX C

Bachelor of Science in Dental Hygiene Completion Degree Curriculum

	Minimum Credits	Total
Associate of Science in Dental Hygiene <ul style="list-style-type: none"> • Prerequisite Courses • Professional Curriculum 	30 60	90
General Education Courses <ul style="list-style-type: none"> • Area I Course Quantitative Reasoning • Area IV Course Humanistic Thought • Area V Course Creative and Artistic Expression • Area VI Course Inquiry & Analysis 	3 3 3	12
Additional Required Courses <ul style="list-style-type: none"> • PHIL 312 Medical Ethics (Area IV) • Professional Writing Course <i>(Select one)</i> <ul style="list-style-type: none"> <input type="checkbox"/> ENG W233 Intermediate Expository Writing <input type="checkbox"/> ENG W232 Introduction to Business Writing • International Language/Communication Requirement <i>(Select one)</i> <ul style="list-style-type: none"> <input type="checkbox"/> Spanish or any other international language <input type="checkbox"/> American Sign Language • Cultural Competency Requirement <i>(Select one)</i> <ul style="list-style-type: none"> <input type="checkbox"/> NUR 309 Transcultural Healthcare <input type="checkbox"/> COM 303 Intercultural Communication <input type="checkbox"/> PSY 334 Cross-Cultural Psychology (Area VI) 	3 3 3 3	12
Bachelor of Science in Dental Sciences Specialty Concentrations <i>(Select one)</i> <ul style="list-style-type: none"> • Community Dental Hygiene Concentration Core • Dental Hygiene Education Concentration Core • Dental Leadership and Sales Concentration Core 	9 9 9	9
TOTAL		123

APPENDIX D
Budget Requests

TABLE 1: PROGRAM ENROLLMENTS AND COMPLETIONS
Annual Totals by Fiscal Year (use SIS Definitions)

Campus: Indiana University - Purdue University Fort Wayne
 Program: B.S. in Dental Hygiene
 Date: July, 2011

	TOTAL YEAR 1 FY 12-13	TOTAL YEAR 2 FY 13-14	TOTAL YEAR 3 FY 14-15	TOTAL YEAR 4 FY 15-16	TOTAL YEAR 5 FY 16-17
A. PROGRAMS CREDITED HOURS GENERATED					
1. Existing Courses	<u>1,050</u>	<u>2,010</u>	<u>3,090</u>	<u>4,110</u>	<u>4,290</u>
2. New Courses	<u>90</u>	<u>240</u>	<u>360</u>	<u>540</u>	<u>660</u>
TOTAL	<u>1,140</u>	<u>2,250</u>	<u>3,450</u>	<u>4,650</u>	<u>4,950</u>
B. FULL-TIME EQUIVALENTS (FTE)					
1. FTEs generated by Full-Time students	<u>30</u>	<u>60</u>	<u>90</u>	<u>120</u>	<u>120</u>
2. FTEs generated by Part-Time students	<u>8</u>	<u>15</u>	<u>25</u>	<u>35</u>	<u>45</u>
TOTAL	<u>38</u>	<u>75</u>	<u>115</u>	<u>155</u>	<u>165</u>
3. On-Campus Transfer FTEs	<u>35</u>	<u>67</u>	<u>103</u>	<u>137</u>	<u>143</u>
4. New-to-Campus FTEs	<u>3</u>	<u>8</u>	<u>12</u>	<u>18</u>	<u>22</u>
C. PROGRAM MAJORS (HEADCOUNT)					
1. Full-time students	<u>30</u>	<u>60</u>	<u>90</u>	<u>120</u>	<u>120</u>
2. Part-time students	<u>15</u>	<u>30</u>	<u>50</u>	<u>70</u>	<u>90</u>
TOTAL	<u>45</u>	<u>90</u>	<u>140</u>	<u>190</u>	<u>210</u>
3. On-Campus Transfers	<u>40</u>	<u>75</u>	<u>115</u>	<u>155</u>	<u>165</u>
4. New-to-Campus Majors	<u>5</u>	<u>15</u>	<u>25</u>	<u>35</u>	<u>45</u>
5. In-State	<u>45</u>	<u>90</u>	<u>140</u>	<u>190</u>	<u>210</u>
6. Out-of-State	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
D. COMPLETIONS	<u>0</u>	<u>30</u>	<u>40</u>	<u>45</u>	<u>50</u>

TABLE 2A

TOTAL DIRECT PROGRAM COSTS AND SOURCES OF PROGRAM REVENUES

Campus: Indiana University - Purdue University Fort Wayne
 Program: B.S. in Dental Hygiene
 Date: July, 2011

	TOTAL YEAR 1 FY 12-13 FTE COST	TOTAL YEAR 2 FY 13-14 FTE COST	TOTAL YEAR 3 FY 14-15 FTE COST	TOTAL YEAR 4 FY 15-16 FTE COST	TOTAL YEAR 5 FY 16-17 FTE COST
A. TOTAL DIRECT PROGRAM COSTS					
1. Existing Departmental Faculty Resources	4.00 280,000	4.00 280,000	4.00 280,000	4.00 280,000	4.00 280,000
2. Other Existing Resources	<u>0.40 19,800</u>	<u>1.20 52,800</u>	<u>1.60 79,200</u>	<u>2.20 118,800</u>	<u>2.40 145,200</u>
3. Incremental Resources					
TOTAL	<u>4.40 319,800</u>	<u>5.20 352,800</u>	<u>5.60 379,200</u>	<u>6.20 418,800</u>	<u>6.40 445,200</u>

	TOTAL YEAR 1 FY 12-13	TOTAL YEAR 2 FY 13-14	TOTAL YEAR 3 FY 14-15	TOTAL YEAR 4 FY 15-16	TOTAL YEAR 5 FY 16-17
B. SOURCES OF PROGRAM REVENUE					
1. Reallocation	<u>300,000</u>	<u>300,000</u>	<u>300,000</u>	<u>300,000</u>	<u>300,000</u>
2. New-to-Campus Student Fees	<u>19,800</u>	<u>52,800</u>	<u>79,200</u>	<u>118,800</u>	<u>145,200</u>
3. New State Appropriations					
a. Enrollment Change Funding	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
b. Other State Funds	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	<u>319,800</u>	<u>352,800</u>	<u>379,200</u>	<u>418,800</u>	<u>445,200</u>

Campus: Indiana University - Purdue University
 Fort Wayne
 Program: B.S. in Dental Hygiene
 Date: July, 2011

TABLE 2B:
 DETAIL ON INCREMENTAL OR OUT-OF-POCKET
 DIRECT PROGRAM COSTS

	Year 1		Year 2		Year 3		Year 4		Year 5	
	TOTAL FTE	FY 12-13 COST	TOTAL FTE	FY 13-14 COST	TOTAL FTE	FY 14-15 COST	TOTAL FTE	FY 15-16 COST	TOTAL FTE	FY 16-17 COST
1. PERSONAL SERVICES										
a. Faculty	0.0	0	0	0	0	0	0	0	0	0
b. Support Staff	0.4	19,800	1.0	40,000	1.0	40,000	1.0	40,000	1.0	40,000
c. Other Staff --Assoc. Fac.	0	0	0.2	12,800	0.6	39,200	1.2	78,800	1.4	105,200
TOTAL PERSONAL SERVICES	0.4	19,800	1.2	52,800	1.6	79,200	2.2	118,800	2.4	145,200
2. SUPPLIES AND EXP.										
a. General S&E		0		0		0		0		0
b. Recruiting		0		0		0		0		0
c. Travel		0		0		0		0		0
d. Library Acquisitions		0		0		0		0		0
TOTAL SUPPLIES AND EXPENSES		0		0		0		0		0
EQUIPMENT										
a. New equipment Necessary for Program		0		0		0		0		0
b. Routine Replacement		0		0		0		0		0
TOTAL EQUIPMENT		0		0		0		0		0
4. FACILITIES		0		0		0		0		0
5. STUDENT ASSISTANCE										
a. Graduate Fee		0		0		0		0		0
Scholarships		0		0		0		0		0
Fellowships		0		0		0		0		0
TOTAL STUDENT ASSISTANCE		0		0		0		0		0
SUM OF ALL INCREMENTAL DIRECT COSTS		19,800		52,800		79,200		118,800		145,200

TABLE 3:
NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY
DATE: July, 2011

I. Prepared by Institution

Institution/Location: Indiana University – Purdue University Fort Wayne
 Program: B.S. in Dental Hygiene
 Proposed CIP Code: 51.0602

	YEAR 1 FY 12-13	YEAR 2 FY 13-14	YEAR 3 FY 14-15	YEAR 4 FY 15-16	YEAR 5 FY 16-17
Enrollment Projections (Headcount)	45	90	140	190	210
Enrollment Projections (FTE)	38	75	115	155	165
Degree Completions Projection	0	30	40	45	50
New State Funds Requested (Actual)	0	0	0	0	0
New State Funds Requested	0	0	0	0	0

II. Prepared by CHE

New State Funds to be Considered for Recommendation (Actual)

 New State funds to be considered for Recommendation (Increases)

CHE Code: _____
 Campus Code: _____
 County Code: _____
 Degree Code: _____
 CIP Code: _____

Comment :

APPENDIX E – SURVEY RESULTS

SURVEY OF INTEREST IN BACHELOR OF SCIENCE IN DENTAL HYGIENE

SURVEY DEMOGRAPHICS

Survey Questions	Alumni Responses	1 st Year Student Responses	2 nd Year Student Responses
Respondents	N=58	N=119	N=114
Response Rate	63%	99.2%	97.4%
Current employment in dental field	YES Full-time - 28 Part-time - 25 NO 5 Reasons: 2- Motherhood 1- Physical problems 1 – Sales rep. 1 – Burnout	YES Full-time - 0 Part-time - 20 NO 99 Reasons: Full-time students	YES Full-time - 0 Part-time - 4 NO 110 Reasons: Full-time students
Number of yrs of college completed	1-2 yrs = 0 3 yrs = 30 4 yrs = 17 5 yrs = 9 6+ yrs = 2	1 yr = 20 2 yrs = 47 3 yrs = 30 4 yrs = 11 5 yrs = 7 6+ yrs = 4	1 yr = 0 2 yrs = 31 3 yrs = 36 4 yrs = 26 5 yrs = 16 6+ yrs = 5
College degrees	8 - Cert Dental Asst 1 - Cert EMS 55- AS Dent Hygiene 1 - AS Early Childhood Educ. 1 - Bachelor Gen St 2 - BS/BA Education 1 - BS Management	4 - Cert Dental Asst 1 - AS Dent Lab Tech 1 - AS Admin Asst 2 - BS/BA Education 2 - BS Biology 1 - BS Chemistry 2 - BS Psychology 2 - Bachelor Gen St.	3 – Cert Dental Asst 1 – Cert Med Asst 1 - Cert Accounting 1 - AS Business 3 - BS/BA Education 1 - BS Tourism Mgmt 1 - Ecology 2 – Bachelor Gen St

SUMMARY OF INTEREST IN BACCALAUREATE DEGREE

Survey Questions	Alumni Responses	1st Year Student Responses	2nd Year Student Responses
Currently taking classes toward an advanced degree	YES 2 Bachelor Gen Studies	YES 12 Bachelor Gen Studies	YES 10 Bachelor Gen Studies
	NO 56	NO 107	No 104
Considering IPFW BSDS completion degree	YES 38 0 – Full-time 38 - Part-time	YES 83 39 – Full-time 44 – Part-time	YES 67 25 - Full-time 42 - Part-time
	Max. # courses per semester? 1 course – 7 2 courses- 10 3 courses – 1	Unsure – 26 It depends upon how I like working in an office. I cannot afford to take more classes right now. Moving out of state. Planning to go to dental school.	Unsure – 39 Money/Debt Want to work for awhile first. Not sure what else I would do with the BS degree.
	NO 20 No reason given.	NO 10 Only interested in private practice for now.	NO 8 I already have a BS degree.
Course delivery preference	Traditional - 6 Distance - 10 Combination- 37	Traditional - 31 Distance - 11 Combination – 44	Traditional - 18 Distance - 4 Combination – 34
1. Interested in Dental Hygiene Education Track	35	69	56
2. Interested in Dental Sales & Leadership Track	27	65	48

3. Interested in Dental Research & Product Develop. Track	32	64	60
4. Interested in Dental Public Health Track	27	79	63
5. Interested in other fields of study?	Advanced clinical dent hygiene 33 Dental School 3 Nutrition Educ 1 TOTAL 37	Advanced clinical dent hygiene 36 Dental school 4 History 1 TOTAL 41	Advanced clinical dent hygiene 49 Spanish 4 Dental School 3 Art History 1 Nursing 1 MS Education 1 PhD in something 1 TOTAL 60

STUDENT SURVEY COMMENTS

- The program should already be a BS degree because of the time commitment
- I want to continue with college to complete my degree at one time.
- I need to make some money first before I can continue in school. I have lots of bills and loans to pay off.
- I would complete my BS degree because I want to be able to pursue different aspects of dental hygiene.
- I think we can do more with a higher degree.
- I am interested in both teaching and research options.
- If I cannot find a job easily, I will go back to school.
- It will be great to have an opportunity to complete this BS degree.
- Please create this opportunity for us.
- I want a BS degree, but need more info about each option to make a decision.
- It would be helpful to have a pamphlet listing each different major/option in detail and course requirements for each.
- I just want to get some clinical experience first.
- Right now I am only interested in clinical dental hygiene.
- I am not interested. I already have a BS degree.
- It depends on how well I like working in a dental office.
- I might change my mind after I have been out of school for awhile.

- Maybe it would be helpful if I am injured or unable to practice dental hygiene.
- If it is not necessary for employment, I already have another BS degree.
- The program should already be a BS degree due to the difficulty and time commitment.
- I am very interested in the Dental Business Leadership and Sales concentration.
- I need to find out what classes I need to take next. Can we get this BS degree ASAP?
- Yes. It is difficult to study again if you take too much time off.
- I would attend if it is offered part-time (4 respondents)
- It depends on the financial aspects of the BS degree program.
- Maybe I'll be ready after working for awhile
- I want to start a family first.
- I need to pay off student loans first.
- I need a break from school at this point and cannot think about a BS degree.
- Having a BS degree doesn't guarantee a raise or increased responsibilities, so why spend time and money?

ALUMNI SURVEY COMMENTS

- I am very interested in a BSDH degree. (5 respondents)
- Wonderful idea. I wish we already had it.
- I wish this degree would have been a choice when I first started. I could be receiving my BSDH this year, instead of a BGS degree.
- A BSDH would be a great thing to bring to IPFW.
- I really want a BS or MS degree. I hope we get this degree so I can further my education.
- Great idea! Let's do it!
- If a BS degree in dental hygiene is offered at IPFW, I will definitely enroll.
- The advanced periodontal skills emphasis would be my first choice.
- I want to know what other classes I can take now that will go toward this degree. Thanks for pursuing this completion degree for us.
- I am taking General Studies courses now, but would prefer a BS in Dental Public Health degree.
- I am pursuing my BGS now. I want to at least have a BS degree in something with all the credit hours I have completed. An ASDH is just not enough anymore.
- I am interested in knowing if credits from a previous degree would transfer to another BS degree. If many credits would count, I would definitely go ahead with a BSDH degree.

APPENDIX F
AFFILIATION AGREEMENTS

Attached are copies of the Matthew 25 Health and Dental Clinic Affiliation Agreement and Neighborhood Health Clinics, Inc. Affiliation Agreement.

EDUCATION PROGRAM AGREEMENT

BETWEEN

Matthew 25

AND

INDIANA UNIVERSITY-PURDUE UNIVERSITY FORT WAYNE

Initial Agreement effective August 21, 2000. This Agreement, effective July 1, 2007, is entered into by and Matthew 25 ("FACILITY") and the College of Health and Human Services, Indiana University-Purdue University Fort Wayne for its Dental Hygiene Program ("UNIVERSITY") for the purpose of providing a Clinical Dental Hygiene Extended Campus Education Experience ("PROGRAM").

WITNESSETH:

WHEREAS the UNIVERSITY would like to provide an extended clinical dental hygiene experience for students enrolled in the IPFW Dental Hygiene Program and,

WHEREAS the FACILITY has the clinical environment to provide a PROGRAM, the UNIVERSITY will send to the FACILITY students enrolled in the Dental Hygiene Program to receive instruction and dental hygiene.

THEREFORE:

- I. The UNIVERSITY and the FACILITY agree to work together to:
 - A. Establish the number of students who will participate in the PROGRAM, the dates of the PROGRAM, and the length of the PROGRAM.
 - B. Establish rules and regulations for students participating in the PROGRAM.
 - C. Remain responsible for the acts of their respective employees and agents.

- D. Notify the other party if one party becomes aware of a claim asserted by any person who seems to arise out of this Agreement or any activity carried out under this Agreement. Such information shall be communicated to other the party as soon as possible. The parties will attempt to resolve which party, if either, should be responsible to investigate, settle, or defend the claim. It is understood that each party will be influenced by its insurance carrier if the particular claim is among risks insured by its carrier.

- E. To recognize that the specific nature of the PROGRAM required by the UNIVERSITY may vary and that following execution of this Agreement and within the scope of its provisions, the UNIVERSITY may develop letter agreements with their counterparts in the FACILITY to formalize operational details of the PROGRAM. These letter agreements shall be approved by the Director of the Dental Hygiene Program, Chair of the Department of Dental Education, the Dean of the College of Health and Human Services, and the Dental Director and Chief Executive Officer of the FACILITY.
- F. Appoint two persons to be responsible for each PROGRAM. The UNIVERSITY shall appoint a program director _____. The FACILITY shall appoint a Clinical Dental Hygiene Extended Campus Education Program supervisor named _____, Each party will supply the other party with the name of this person along with the person's professional and academic credentials. Each party shall notify the other in writing of any change of that person. The FACILITY supervising dentist will be given the UNIVERSITY title of Adjunct Clinical Assistant Professor and the FACILITY supervising dental hygienists will be given the UNIVERSITY title of Adjunct Clinical Instructors.
- G. Provide the other party with a two-year advanced notice should the need for termination of this agreement arise. This two-year written notification will assure that students' education will not be disrupted and will provide time for both parties to develop an appropriate contingency plan.
- H. Hold each other harmless for all claims, damages, losses, and expenses, including attorney fees, arising out of any claim for negligence resulting from the action or inaction of its employees and/or students under this agreement.

II. The FACILITY agrees to:

- A. Provide a supervised PROGRAM of clinical dental hygiene experiences.
- B. Maintain complete records and reports on each student's performance and to provide an evaluation to the UNIVERSITY on forms provided by the UNIVERSITY.
- C. Permit upon reasonable request, the inspection of the FACILITY and services available for the PROGRAM, the student records and other items pertaining to the PROGRAM by the UNIVERSITY or accreditation agencies.
- D. Assign duties to each student that includes only those procedures which can legally be delegated to dental hygienists according to the current *Indiana Dental Practice Act*.

- E. Request post-exposure evaluation to determine the HBV, HCV, and HIV status of FACILITY patient/s involved in exposure incident/s at no cost to FACILITY or FACILITY patient/s. An appropriate testing site will be determined by UNIVERSITY. The current incident reporting protocol, incident report forms, and the name of the approved testing site will be provided to the FACILITY by the UNIVERSITY. See attached exposure incident forms.

III. The UNIVERSITY agrees to:

- A. Assign to the PROGRAM only those students who have satisfactorily completed the prerequisite portions of the curriculum.
- B. Disseminate the established rules and regulations to the participating students.
- C. Withdraw from the extended campus PROGRAM, at the request of the FACILITY, any student whose performance is unsatisfactory for any reason or who violates the established rules and regulations of the FACILITY or the UNIVERSITY. Students will continue to remain under the sole management and control of the UNIVERSITY and each student must abide by the rules and policies of the individual FACILITY.
- D. Determine testing site for post-exposure evaluation.
- E. Pay for post-exposure evaluation for PROGRAM students, faculty, and FACILITY patient/s involved in exposure incident/s.
- F. Require all students to carry professional liability insurance. (University policy limitations: One million per claim; three million maximum per year). A certificate showing coverage will be available upon request.

IV. Terms of Agreement:

- A. **This Agreement shall be subject to review and renewal by the parties annually or as needed.** Either party shall provide a two-year advanced notice of termination should the need for termination of this agreement arise. This two-year written notification will assure that students' education will not be disrupted and will provide time for both parties to develop an appropriate contingency plan. All students enrolled in the PROGRAM at the time notice to terminate this Agreement is given, shall be permitted to complete the PROGRAM. Termination shall occur only at the end of a two-year period.
- B. This Agreement may be modified by mutual consent of the parties.
- C. Neither party shall be liable for failure to perform any condition of this agreement as a result of conditions beyond its control, such as fires, floods, acts of God, power failures, or natural disasters.

This agreement has been executed and delivered in and shall be governed by the laws of the State of Indiana.

APPROVED AND ACCEPTED "FACILITY"

By *Norm V. Schell* / 8-24-07
Chief Executive Officer, Matthew 25 Date

By *Roy B. Valles, DDS* / 8/24/07
Dental Director, Matthew 25 Date

APPROVED AND ACCEPTED "UNIVERSITY"

By *Elaine S. Foley* / 8/16/07
Director, Dental Hygiene Program Date

By *Annmarie L. Kraviec, MEd* / 8/16/07
Chair, Department of Dental Education Date

By *John F. Fuder RN PhD* / 8/16/07
Dean, College of Health and Human Services Date

By *Paul L. Lee* / 8/17/07
Business Manager, College of Health and Human Services Date

Encl: Exposure Incident forms

EDUCATION PROGRAM AGREEMENT

BETWEEN

Neighborhood Health Clinic, Inc

AND

INDIANA UNIVERSITY-PURDUE UNIVERSITY FORT WAYNE

Initial Agreement effective August 21, 2000. This Agreement, effective July 1, 2007, is entered into by and Neighborhood Health Clinic, Inc ("FACILITY") and the College of Health and Human Services, Indiana University-Purdue University Fort Wayne for its Dental Hygiene Program ("UNIVERSITY") for the purpose of providing a Clinical Dental Hygiene Extended Campus Education Experience ("PROGRAM").

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- .
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students' education will not be disrupted and will provide time for both parties to develop an appropriate contingency plan.

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This agreement has been executed and delivered in and shall be governed by the laws of the State of Indiana.

APPROVED AND ACCEPTED "FACILITY"

By Mary S Haupt 1. 08/21/07
President and Chief Executive Officer, Date
Neighborhood Health Clinic, Inc.

By J. Dr 1. 08/21/07
Dental Director, Neighborhood Health Clinic, Inc. Date

APPROVED AND ACCEPTED "UNIVERSITY"

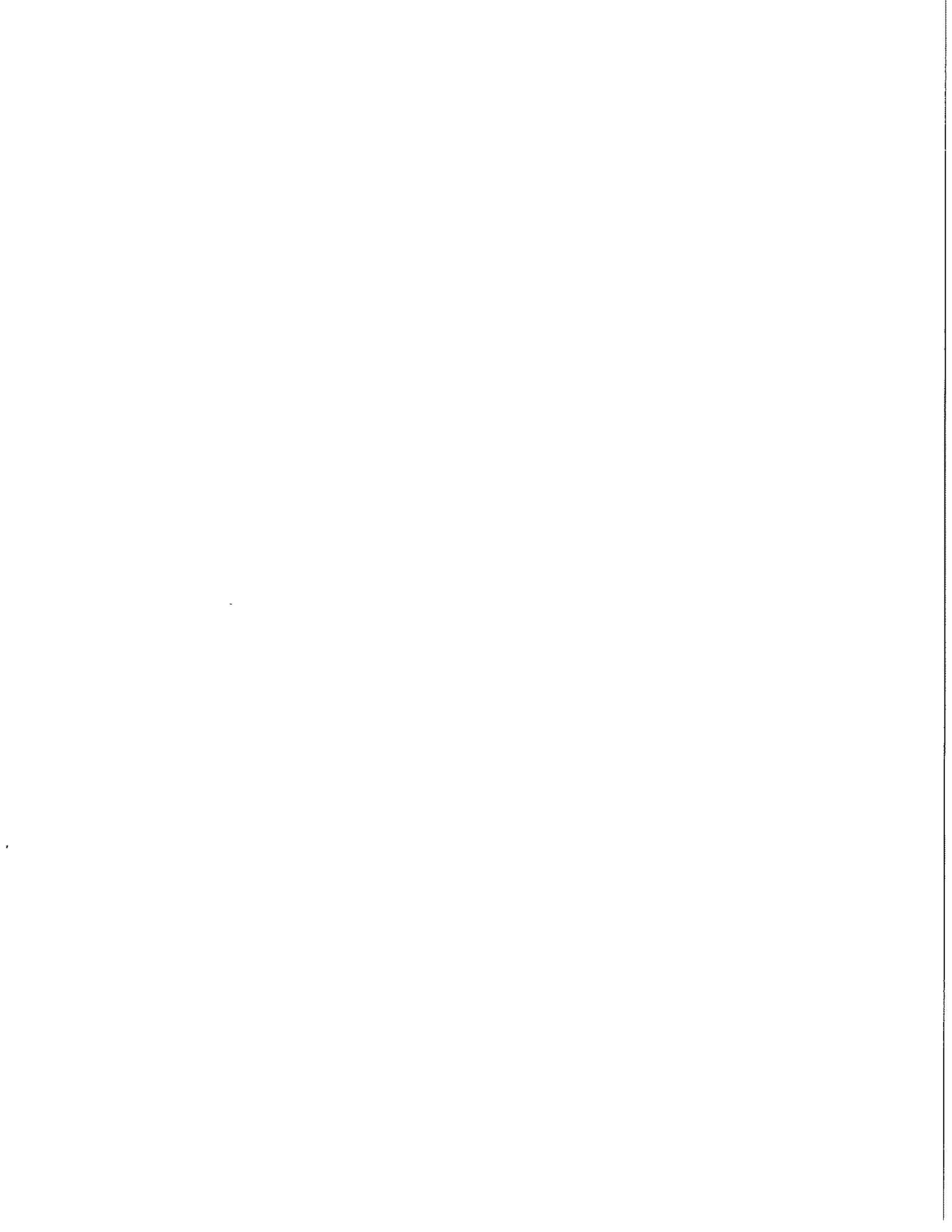
By Elaine S Foley 8/16/07
Director, Dental Hygiene Program Date

By Connie L. Weaver, MSW 8/16/07
Chair, Department of Dental Education Date

By Zhu Fudu KPHO 8/16/07
Dean, College of Health and Human Services Date

By Daniel He 8/17/07
Business Manager, College of Health and Date
Human Services

Encl: Exposure Incident forms



NEW PROGRAM PROPOSAL
ASSOCIATE OF SCIENCE IN DENTAL ASSISTING
INDIANA UNIVERSITY - PURDUE UNIVERSITY FORT WAYNE
October 2011

Institution: Indiana University – Purdue University Fort Wayne

College: Health and Human Services

Department: Dental Education

Degree Program Title: Associate of Science in Dental Assisting (ASDA)

Suggested CIP Code: 51.0601

Location of Program/Campus Code: Fort Wayne, Indiana

Projected Date of Implementation: Fall 2012

Date Proposal was approved by
Institutional Board of Trustees:

Signature of Authorizing Institutional Officer

Date

Date Received by Commission for Higher Education

Commission Action (Date)

DEGREE PROPOSAL

ASSOCIATE OF SCIENCE IN DENTAL ASSISTING

Indiana University-Purdue University Fort Wayne
College of Health and Human Services
Department of Dental Education

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ASSOCIATE OF SCIENCE IN DENTAL ASSISTING
Indiana University–Purdue University Fort Wayne (IPFW)

A. ABSTRACT

As the profession of dentistry evolves to meet the national access to healthcare issues, allied dental professionals must have the educational foundation to meet current and future challenges. Federal mandates for access to healthcare for children, minority populations, elderly, uninsured, and underinsured individuals have prompted allied health professions to create new levels of practitioners to meet the demand for better health care. Just this past year, the Pew Trust released a 74-page report stressing the need to the American Dental Association (ADA) to authorize a new primary care dental provider that would provide access to care for our nation's children. Fewer than half of all Americans currently seek routine, non-emergency dental care procedures. Barriers to routine dental care include limited income, lack of dental insurance, transportation needs, inadequate access to free dental clinics, fear of dental procedures, language and cultural differences. In an effort to increase access to oral healthcare, the federal government, the ADA, and the American Dental Education Association (ADEA) are proposing new dental practice models for a more highly skilled, versatile, and educated dental workforce.

The IPFW Department of Dental Education in the College of Health and Human Services is proposing an Associate of Science in Dental Assisting (ASDA). The new associate degree and completion degree in dental assisting will prepare our IPFW Certified Dental Assistant (CDA) graduates for expanded roles in a rapidly changing profession. Currently, the Department of Dental Education offers a 46-53 credit hour certificate in dental assisting (dependent on the anatomy & physiology courses completed). With recent legislative changes in Indiana (January 2, 2011) expanding the role of dental assisting, as well as the recent trend with states such as Ohio, Minnesota, Kansas, Washington, New Mexico, Connecticut, California, Vermont, and Alaska developing new allied dental professionals to meet the national access to care issues, the new IPFW associate degree in dental assisting could not come at a better time. These recent legislative changes in Indiana will expand the role of our IPFW Certified Dental Assistant graduates who already work in private general and specialty practices placing braces on teeth (orthodontics), assisting in surgery in both offices and hospitals (oral surgery and periodontics), placing silver and tooth colored fillings in teeth (restorative), and working as business assistants.

The IPFW Department of Dental Education seeks to offer a 69 credit hour associate degree and a 73-75 credit hour completion degree option emphasizing evidence-based decision making, transcultural competence, critical thinking, collaborative practice models, cooperative learning, leadership, and community-based service learning opportunities. This degree will provide greater opportunities for students and graduates to provide oral healthcare to the underserved and uninsured dental patients in the community. The new completion degree curriculum will also be structured to accommodate students who are graduates of ADA Commission on Dental Accreditation (CODA) dental assisting programs

who seek advanced education and alternative career opportunities through a degree completion program. The degree will fully articulate with other Indiana dental assisting programs at Ivy Tech Community Colleges (Columbus, Anderson, Kokomo, and Lafayette) and other institutions (IUSB, IUPUI, USI, and IUNW).

Clientele to Be Served:

The IPFW dental assisting students currently graduate with 46-53 credits while fulfilling graduation requirements for the certificate program. The pre-dental assisting students continue to tell the dental assisting academic advisors they want education beyond a certificate program by obtaining a higher degree in their chosen profession – dental assisting. Most of the applicants to the dental assisting certificate program are transfer students having already completed 40-60 credit hours or more. Feedback from pre-dental assisting advisees and students in the professional dental assisting program indicate students want their credit hours to apply to an undergraduate degree in allied dental education.

The proposed associate degree and the completion degree options will continue to provide quality education for dental assisting students seeking fulfilling careers in private dental practice settings with an emphasis on traditional clinical competencies. The new degree will also provide an opportunity for greater emphasis on leadership development, critical thinking, self-assessment, evidence-based decision making, and professional growth needed as the allied dental profession continues to expand as access to healthcare issues are addressed by legislators.

The Associate of Science in Dental Assisting degree will provide the knowledge and experiences necessary for success in alternative career pathways, such as dental leadership and sales, entry-level clinical dental assisting faculty positions at community colleges and at universities (with completion of higher-level programs), and expanded clinical practice positions in restorative dentistry. This degree also provides a completion degree track for dental assisting certificate graduates who want a degree which prepares them for career opportunities beyond private practice settings. Students will be given numerous opportunities to collaborate with community partners to provide more comprehensive clinical and educational services in a variety of community and educational settings.

Curriculum:

PREREQUISITE COURSES		Gen Ed Area	Credits
DAST A101	Anatomy & Physiology		2
ENG W131	Elementary Composition I	I	3
COM 11400	Fundamentals of Speech Communication	I	3
NUR 10600	Medical Terminology		3
PSY 12000	Elementary Psychology	III	3
TOTAL			14

OTHER REQUIRED COURSES		Gen Ed Area	Credits
<i>Cultural Competency</i> (Select one)	Gen Ed Area III NUR 30900 Transcultural Healthcare <u>or</u> COM 30300 Intercultural Communication		3
(Select one)	Gen Ed Area I Math/Statistics Course	I	3
TOTAL			6

PROFESSIONAL COURSES		Credits
DAST A112	Medical and Dental Emergencies, & Therapeutics	2
DAST A121	Microbiology & Asepsis	2
DAST A131	Dental Materials I	3
DAST A132	Dental Materials II	3
DAST A141	Preventive Dentistry & Nutrition	3
DAST A171	Clinical Science I	4
DAST A172	Clinical Science II	3
DAST A182	Practice Management, Ethics, & Jurisprudence	2
DAST A273	Advanced Clinical Practice	3
DHYG H214	Oral Anatomy, Histology & Embryology	3
DHYG H215	Pharmacology & Therapeutics	1
DHYG H242	Introduction to Dental Specialties	2
DHYG H303	Radiology	3
DHYG H304	Oral Pathology	1
DHYG H305	Radiology Clinic I	1
DHYG H347	Dental Public Health	3
DHYG H400	Evidence-based Decision Making	3
<i>Advanced Specialty</i> (Select one)	DAST A301 Advanced Orthodontic Practice <u>or</u> DAST A401 Restorative Dentistry Clinical Practice	4
DHYG H405	Advances Dental Sciences (capstone course w/ community dentistry extramurals)	3
TOTAL		49
Associate Degree Total		69

Employment Possibilities:

The purpose of the proposed associate degree is to prepare dental assisting graduates for clinical practice, as well as employment in commercial dental businesses, dental assisting education, risk management, dental sales, and dental insurance companies. The degree will provide a strong foundation for a future baccalaureate degree. The completion degree provides an opportunity for Certified Dental Assistants to complete a degree that prepares them for alternative career opportunities.

Employment opportunities for associate degree prepared dental assistants are excellent and, according to the Occupational Outlook Handbook of the U.S. Bureau of Labor, employment opportunities are expected to grow faster than average occupations. Dental assisting employment is expected to increase 36% from 2008 to 2018, as Certified Dental Assistants work in every general dental office and specialty practice—both in the clinical and business areas. According to the Bureau of Labor Statistics, dental assisting employment is projected to grow from 295,300 in 2008 to over 400,000 by 2018.

In the 2006 American Dental Education Association report: *Unleashing the Potential*, it was reported only 50% of all Americans receive non-emergency, routine, preventive dental care. Many of the underserved people include minority populations, new immigrants, special needs children and adults, elderly patients, and children from low income areas. For the first time in history, the number of dentists graduating from American dental schools is lower than the number of dentists who are retiring or leaving clinical dentistry. The ADEA report estimates it will take thousands of additional allied dental personnel to eliminate the oral health care disparities for the 43 million Americans living in dental health care shortage areas.

According to the U.S. Department of Health and Human Services Bureau of Health Professions and the Indiana State Department of Health, Indiana has an immediate need for dental healthcare providers who are willing to work in areas that serve low income residents. Given the dental workforce disparity and the federal government's desire to achieve better access to healthcare, employment opportunities for dental assistants with college degrees currently exist or will be created in the near future.

In response to this need in all areas of the country the American Dental Association has developed new workforce models. This new clinical dental professional is called the *Certified Oral Preventive Assistant*. This new midlevel provider provides preventive dental services in communities that lack clinical dentists. The Dental Assisting National Board (DANB) this past year developed a new national certification examination for this new midlevel provider. The states of Minnesota and Alaska have also contributed to access to care creating their own workforce model called the *Dental Therapist* to meet the needs in their states. Other states such as Ohio, Kansas, Washington, Vermont, New Mexico, Connecticut, and California are creating new workforce models through the W.K. Kellogg Foundation. The Foundation has invested over \$16 million to address the increasing oral health needs in the United States. Moreover, the Governor of the State of Indiana signed a new law in 2011, delegating more preventive tasks to Indiana dental assistants as the scope of the dental assisting profession is rapidly changing.

The development of this new degree is extremely timely as the allied dental profession is rapidly growing to meet the needs of healthcare. This degree will enable dental assisting graduates to continue to seek employment in private dental offices and community dental clinics, as well as prepare them to assume leadership positions in office management,

hospital dentistry, dental assisting education programs, dental insurance/risk management companies, and dental products companies.

B. PROGRAM DESCRIPTION

B.1. Describe the proposed program and state its objectives:

The Department of Dental Education is proposing an Associate of Science in Dental Assisting (ASDA) degree. The ASDA curriculum was also adapted to accommodate the graduates of the certificate program as an associate completion degree.

The purpose of the proposed associate degree is to prepare dental assisting graduates for clinical practice, as well as employment in commercial dental businesses, dental assisting education, risk management, dental sales, and dental insurance companies. The degree will provide a strong foundation for a future baccalaureate degree. When used as a completion degree program, it provides an opportunity for Certified Dental Assistants to complete an advanced degree that prepares them for alternative career opportunities. The proposed degree has also been mapped to the IPFW Baccalaureate Framework.

Objectives of the Associate of Science in Dental Assisting

IPFW Baccalaureate Framework	ASDA Objectives
1. Acquisition of Knowledge	<p>Demonstrate the knowledge, skills, and values necessary for positions of responsibility in a variety of health care, educational, clinical, business, research, and community settings.</p> <p>Demonstrate knowledge and skills necessary to be responsible dental professionals and leaders in local, regional, national and international organizations and communities.</p>
2. Application of Knowledge	<p>Evaluate current dental literature and apply that knowledge to make sound, evidence-based decisions and continue life-long learning.</p>
3. Personal and Professional Values	<p>Demonstrate the highest levels of personal integrity and professional ethics in the delivery of dental assisting services in diverse practice settings.</p>
4. A Sense of Community	<p>Promote the dental assisting profession through service learning activities, affiliations</p>

	with professional organizations, and partnerships with the community.
5. Critical Thinking and Problem Solving	Demonstrate proficiency in critical thinking, reasoning, questioning, and decision making skills.
6. Communication	Develop the oral, written, and multimedia skills necessary to communicate effectively with diverse populations in a variety of professional and educational settings.

Proposed Program Mapped With the IPFW Baccalaureate Framework

The baccalaureate framework mapping of prerequisite courses is determined by respective departments offering each course. Prerequisite courses include DAST A111 Anatomy & Physiology, DHYG H214 Oral Anatomy, Histology, and Embryology, COM 11400 Fundamentals of Speech Communication, ENG W131 English Composition I, PSY 12000 Elementary Psychology, and NUR 10600 Medical Terminology. The baccalaureate framework mapping for the dental education professional courses are listed below.

Program sequence identifier	Dept	Course number	Credits	Course name	Acquisition of Knowledge	Application of Knowledge	Personal and Professional values	A sense of community	Critical thinking and problem solving	Communication
DAST 1	DAST	A101	2	Anatomy & Physiology	X	X	X		X	X
DAST 1	DAST	A112	2	Dental/Medical Emergencies and Therapeutics	X	X	X	X	X	X
DAST 1	DAST	A121	2	Microbiology & Asepsis	X	X	X	X	X	X
DAST 1	DAST	A131	3	Dental Materials I	X	X	X		X	X
DAST 1	DAST	A132	3	Dental Materials II	X	X	X		X	X
DAST 1	DAST	A141	3	Preventive Dentistry & Nutrition	X	X	X	X	X	X
DAST 1	DAST	A171	4	Clinical Science I	X	X	X	X	X	X
DAST 1	DAST	A172	3	Clinical Science II	X	X	X	X	X	X
DAST 1	DAST	A182	2	Practice Management, Ethics & Jurisprudence	X	X	X	X	X	X
DAST 2	DAST	A273	3	Advanced Clinical Practice	X	X	X	X	X	X
DHYG 2	DHYG	H214	3	Oral Anatomy	X	X			X	X
DHYG 2	DHYG	H215	1	Pharmacology & Therapeutics	X	X	X		X	X
DHYG 2	DHYG	H242	2	Introduction to Specialties	X	X	X	X	X	X
DHYG 3	DHYG	H303	3	Radiology	X	X	X	X	X	X

DHYG 3	DHYG	H304	1	Oral Pathology	X	X	X	X	X	X
DHYG 3	DHYG	H305	1	Radiology Clinic I	X	X	X	X	X	X
DHYG 3	DHYG	H347	3	Dental Public Health	X	X	X	X	X	X
DHYG 4	DHYG	H400	3	Evidence-based Decision Making	X	X	X	X	X	X
DHYG 3	DAST	A301	4	Advanced Orthodontic Practice	X	X	X	X	X	X
DAST 4	DAST	A401	4	Restorative Dentistry Clinical Practice	X	X	X	X	X	X
DHYG 4	DHYG	H405	3	Advanced Dental Sciences (capstone course)	X	X	X	X	X	X

Supporting Documentation

According to the Pew Health Profession Commission Report, *Healthy America: Practitioners for 2005*, “graduates completing advanced degrees must have enhanced knowledge and experience in patient management, clinical practice in community settings, cultural diversity, and evidence-based decision making.”

With recent workforce models created by the American Dental Association and individual states to meet the needs of access to dental care, the American Dental Education Association has stressed these newly created dental models must include appropriate advanced levels of education and credentials for those dental professionals providing direct care dentistry to the public. Our IPFW degree graduates would have these advanced clinical skills considered appropriate for an advanced level of responsibility and they will be better prepared as dental practice settings expand in the future.

B.2.a. *Describe admissions requirements, anticipated student clientele, and student financial support.*

Students seeking admission into the ASDA degree program must complete a minimum of 14 credits of prerequisite courses with a grade point average of 2.5 or higher. Credit will not be given for prerequisite courses taken on a pass/fail or audit option. Prerequisite courses may be repeated only once to improve the course grade. If courses are repeated, the second grade will replace the first grade given for each course. All prerequisite courses must be completed to be considered for regular admission into the program. Selection into the dental assisting program will be based on prerequisite courses, GPA cumulative, and appropriate cognitive tests.

Completion degree students must maintain an active license to practice dental assisting in Indiana or be eligible for Indiana licensure. Students who apply for the completion degree program will be required to meet with the IPFW Dental Assisting faculty advisors for individualized assessment of their previous college credits. Assistance from the IPFW Office of Admissions will be needed to determine course equivalencies. Depending on the applicant’s transcripts, the

faculty advisors will make recommendations regarding any curriculum deficiencies.

Appendix C compares an Ivy Tech Community College dental assisting certificate curriculum to IPFW's dental assisting associate degree curriculum. To articulate into the associate degree program, the students would need to complete the courses listed in Appendix C at IPFW as part of their completion degree. Credits from these courses would be used to fulfill minimum graduation requirements.

All students are eligible for financial assistance through the IPFW Office of Financial Aid. Additionally, financial assistance opportunities also exist for completion degree students through the ADAA, ADEA, IPFW Center for Women and Returning Adults, and potential employers such as corporate dental suppliers.

- B2.b** *State whether the program is designed to meet the needs of specific student clienteles- e.g. part-time, currently employed professionals, non-traditional students, women preparing to re-enter the job market, etc.*

The degree completion program is designed to meet the needs of both full- and part-time students. Many of the general education and completion degree courses are offered as evening, weekend, and distance education courses. However, due to limited faculty resources and clinical/laboratory space, the professional curriculum must be taken on a full-time basis.

- B2.c.** *If enrollment is limited, describe the restrictions, reasons for them, and criteria for selecting among applicants.*

Enrollment into the program will be limited to 24 students per year due to the facility restrictions of current dental assisting clinics, laboratories, and designated classrooms. Admission will be based on prerequisite courses, cumulative GPA, and other objective criteria, achieved by completing a minimum of 14 credits of prerequisite courses.

Enrollment into the ASDA completion program will be limited to 20 students and admission to the program will be based on cumulative grade point averages.

- B2.d.** *For graduate and professional programs, indicate anticipated levels of student financial support to be provided from (a) institutional and (b) other sources.*

Not applicable

B3. Describe the proposed curriculum

B3.a. *Describe requirements involving total credit hours, credit hour distribution, field experiences, etc.*

Students graduating with the Associate of Science in Dental Assisting degree must successfully complete a minimum of **69 credits** which includes the following courses:

- **14 credits** – pre-professional courses
- **49 credits** – dental assisting professional courses
- **6 credits** – other required courses

The associate degree curriculum includes 15 credit hours of general education courses. A variety of practicum experiences and externships are included through core concentration courses and will be dependent upon the student's chosen concentration. Field experiences and externships will include active participation in community and educational settings, such as:

- Matthew 25 Health and Dental Clinic
- Neighborhood Dental Clinic
- IPFW Lafayette Street Dental Clinic
- Private dental offices

B3.b *Provide a sample curriculum consisting of the semester-by-semester sequence of courses a program major might take.*

See Appendix A

B3.c *Existing courses and offerings during last three years.*

All courses in the dental assisting program have been offered at least once per year for more than three years. See **Appendix A** for the complete curriculum.

B3.d *Indicate all new courses, approvals, etc*

All new course approvals have been obtained, including the following:

DAST A273	Advanced Clinical Practice	3 credits
DHYG H215	Pharmacology & Therapeutics	variable from 1-2 credits
DHYG H303	Radiology	variable from 1-3 credits
DHYG H304	Oral Pathology	variable from 1-2 credits

B3.e *Note course requirements for the degree delivered by another institution.*

All courses for the Associate of Science in Dental Assisting will be delivered by IPFW. However, students may transfer credits for equivalent courses from other accredited colleges and universities as long as students meet IPFW residency requirements by graduation.

B4. Describe form of recognition

B4.a *Type of Degree:*

Associate of Science in Dental Assisting

B4.b *CIP code* 51.0601

B4.c *Diplomas will read:*

Associate of Science in Dental Assisting
Indiana University–Purdue University Fort Wayne

B5. List program faculty and administrators.

B5.a *List name, rank, and specialization, nature of the appointment and highest academic degree earned by those who would be directly involved in the program, including campus administrators.*

Campus Administrators:

Michael A. Wartell, Ph.D., Chancellor

William J. McKinney, Ph.D., Vice Chancellor for Academic Affairs

Ann Obergfell, J.D. RT(R), Interim Dean, College of Health and Human Services

Department of Dental Education Faculty:

Connie L. Kracher, Ph.D., MSD, Chair and Associate Professor, Department of Dental Education

Steve Schimmele, DDS, Adjunct Assistant Professor, Department of Dental Education

Parveen Quarrar, Ph.D., Continuing Lecturer, Department of Biology

Willie Leeuw, MS, CDA, Clinical Assistant Professor, Department of Dental Education (currently half-time)

Deborah Stuart, MS, CDA, Clinical Assistant Professor, Department of Dental Education (currently half-time)

Part-time Faculty

B5.b *New Faculty Positions needed to implement programs.*

The Department of Dental Education is requesting the two half-time faculty be increased to full-time due to the increased number of students and courses in the proposed associate and completion degrees **moving the certificate program to an associate degree**. Responsibilities for these faculty positions will include teaching a minimum of twelve credit hours of didactic, laboratory, and clinical courses, as well as research responsibilities, academic advising, committee assignments, and community involvement. Because the proposed degree includes 18 additional credit hours in dental education courses, the two half-time faculty being increased to full-time is necessary to start the new associate degree.

B6. *Describe needed learning resources.*

B6.a *Describe scope and quality of library holdings, audio-visual materials, etc. that are available and would directly support the program.*

No additional learning resources will be needed. The Helmke Library at Indiana University-Purdue University maintains current dental references, dental textbooks and dental journals, as well as dental and medical database indices online. Interlibrary loans are available for references not held at the Helmke Library. Library resources are also available through the Indiana University School of Dentistry in Indianapolis.

Three of the courses will require additional supplies for the public health, community dentistry, and restorative dentistry clinical practice courses. However, current dental laboratory and clinical space is satisfactory to accommodate students in the program. Courses will be scheduled in rooms already equipped with multimedia equipment.

B6.b *Describe in detail need for additional learning resources that, if unmet, will prohibit the offering of a high quality program.*

Not applicable.

B7. *Describe other program strengths.*

B7.a *Describe special features which inform the character or personality of the proposed program and make it distinctive.*

The Associate of Science in Dental Assisting will provide unique interdisciplinary cooperative learning opportunities, extramural assignments, and internships that will improve graduates' competence in dental assisting careers. The IPFW Dental Assisting Program has been in existence for 46 years and is well-supported by members of the local and state dental and dental assisting communities.

An additional strength of the proposed completion degree is its ability to articulate with all ADA CODA accredited dental assisting programs in the United States and Canada. The development of distance education courses will further enhance the viability of this degree.

The IPFW dental assisting associate degree graduates will be prepared to assume leadership roles in both clinical and non-clinical settings and as the profession evolves due to legislative changes with more responsibilities delegated in clinical practice the opportunities will expand in more diverse practice settings. This new degree will emphasize critical thinking, evidence-based practice, transcultural healthcare, and community health policy development preparing graduates for future career opportunities.

- B7.b** *Anticipated collaborate arrangements with other parties, inter-institutional arrangements for course sharing, cooperative programs, clinical affiliations, etc. The extent of the relationship should be explained and instruction or other resource to be provided by the various parties described. Any written confirmation of the commitment, including drafts of contracts or agreement, should be attached.*

Course sharing and cooperative program arrangements will not be needed. Community dental affiliations are already in place with the certificate program. Extramural affiliation agreements used for private dental offices, Matthew 25 Health and Dental Clinic, and Neighborhood Health Clinic are included as **Appendix E**.

C. PROGRAM RATIONALE

C1. Institutional Factors

- C1.a.** *Explain how the proposed program is compatible with the institution's mission.*

The mission of IPFW is to meet the educational needs of people living in Northeastern Indiana through a broad range of undergraduate programs leading to certificate, associate, baccalaureate, and graduate degrees, as well as providing a wide variety of continuing education opportunities. The Associate of Science in Dental Assisting will fulfill the need for advanced education leading to expanded career opportunities for dental assistants.

- C1.b** *Describe the planning process which resulted in the development and submission of the proposal for a new program. Indicate when the program first appeared in the institution's educational services plan, describing the planned timeline for its submissions and implementation.*

The planning process for the new program has been gradual. The degree has been modeled from student feedback, advances in the field of dentistry, recommendations from ADEA, and conversations among the dental assisting faculty, administrators, graduates, and current students. It is anticipated this degree would be offered for students beginning Fall, 2012.

C1.c *Describe any significant impact the proposed program might have on other instructional, research, or service programs of the institution or campus.*

The proposed dental assisting associate degree will have minimal impact on other university programs. The proposed degree will require students to enroll in additional general education courses offered by the College of Arts & Sciences. The increase in undergraduate students will generate additional student use of library holdings, clinical and laboratory facilities, instructional media, computer equipment, and software.

C1.d *Describe how the proposed program would more fully utilize existing resources?*

The degree will increase the utilization of the technology-equipped dental assisting laboratory and dental hygiene clinical facilities. These facilities are already established and are currently used by the current 126 dental education students. The addition of completion degree students will bring the utilization of clinical and laboratory facilities to full capacity. Increasing the number of students at extramural facilities will positively impact the quality and quantity of dental healthcare services available to underserved/uninsured members of the community.

C2. Student Demand

C2.a. *Describe how enrollment projects for the program have been derived. State whether the new program is expected to add students to the total enrollment of the campus. Indicate the extent to which the new curriculum is expected to attract majors and the extent it will provide service courses or electives for majors in other programs.*

The entry-level degree option is not expected to add additional full-time students. The maximum class size for the professional courses is 24 students per year because of limited clinic and laboratory space. However, the additional courses required to complete the associate degree will increase student enrollment in dental education core courses and general education courses by 20 students per year.

In 2007, surveys were sent to dental assisting alumni (1964-2007) to investigate the level of interest in the proposed degree. Graduates from the Classes of 2007, 2008, 2009, and 2010 were also surveyed right before graduation. **Appendix B** demonstrates the interest in a completion degree. Of those responding to the 2007 surveys, 65% (93/144) stated they would be interested in pursuing an IPFW completion degree. Additional students stated an interest in pursuing the completion degree later.

It is anticipated that 15-20 part-time completion degree students will enroll in courses as dental assisting majors through the IPFW Dental Department of Dental Education annually. This projected student enrollment is based on the following statistics: the 2007 alumni survey, the 2007-09 graduate surveys where 79% of graduates were interested in the new degree, 91% of the students in the Class of 2010, and 95% of the Class of 2011 would consider enrolling in a completion degree at IPFW. See **Appendix B**.

The completion degree will attract graduate Certified Dental Assistants because of its unique opportunity for employment. This degree is not expected to attract other majors because dental assisting has such specialized curriculum and licensure requirements.

C3.

Transferability

Summarize the existing or planned arrangements for the transferability of program credits, number of graduates expected to transfer, constraints on transfer students. Document any unique agreements.

It is anticipated that all or most of the courses completed at accredited colleges and universities will transfer into this degree. However, for completion degree students, dental assisting professional courses must have been taken at an ADA CODA accredited program in the United States or Canada. The IPFW Office of Admissions will be a valuable resource in determining course equivalencies for courses transferred from other colleges and universities.

With the exception of the general education component, prerequisite and professional courses in the IPFW dental assisting certificate curriculum are similar to those offered at Indiana University-Purdue University Indianapolis, Indiana University South Bend, Indiana University Northwest, University of Southern Indiana, and Ivy Tech Community College dental assisting programs. Students who complete certificates at other institutions must meet IPFW residency requirements and enter with a cumulative grade point average of 2.5 or higher.

C4. Access to graduate and professional programs

Respond if program will prepare students for entry into graduate or professional schools. Describe briefly the requirements for admission, prospects for employment.

Not applicable

C5. Demand and employment factors

Respond to this question if preparing students for specific employment opportunities is a key program objective. In such cases, provide the kinds of information described in Appendix B, Demand and Employment Analysis.

Federal mandates for access to healthcare for children, minority populations, elderly, uninsured, and underinsured individuals have prompted allied health professions to create new levels of practitioners to meet the demand for better health care. In an effort to increase access to oral healthcare, the federal government, the American Dental Association (ADA), and the American Dental Educators Association (ADEA) are proposing new dental practice models for a more highly skilled, versatile, and educated dental workforce.

See Appendix B

C6. Regional, state, and national factors

C6.a. *List comparable programs in the region or state and explain why these existing programs cannot meet the need of perspective students and/or employers in the geographic area which the program would serve.*

Currently there one associate degree in dental assisting in the State of Indiana (University of Southern Indiana). After surveying students and graduates, most IPFW students live within commuting distance and believe a degree from the IPFW Department of Dental Education is desirable over other degree options outside dentistry.

C6.b External agencies

Describe the regional accrediting, professional association and licensing requirement that have helped shape the program's curriculum.

Accrediting Bodies

The ADA Commission on Dental Accreditation (CODA) establishes the standards for the accreditation of dental assisting programs. Dental assisting programs are required to submit annual reports demonstrating compliance with the standards

and are subject to onsite program reviews by ADA CODA representatives every seven years.

Professional Associations

The ADAA is the professional organization for dental assistants. The ADAA provides services to dental assisting program faculty and students such as scholarship opportunities, instructional programs, brochures, access to current dental research, and professional journals. ADAA scholarships are available to students. The ADAA, the Indiana Dental Assistants Association (IDAA), and the Isaac Knapp Dental Assistants Society (IKDAS), our local component, also provide opportunities for leadership development within the profession.

The ADEA represents dental educators at dental schools and allied programs across the United States and provides leadership in the advancement of dental education. ADEA assists dental assisting education by providing curriculum guidelines.

Licensing Requirements

Entry level dental assistants complete two national board examinations and must complete a state licensing examination before being eligible for dental radiology licensure in the State of Indiana and to become a Certified Dental Assistant. Graduates must pass each examination with a score of 75% or higher. The Dental Assisting National Board Examination is a four hour, comprehensive, computerized examination. State licenses must be renewed every two years by the Indiana Health Professions Bureau.

D. PROGRAM IMPLEMENTATION AND EVALUATION

Describe how the program will be implemented and evaluated. Indicate which measures of performance will be used to determine the program's success. Some measures should be quantitative and others qualitative.

Once approved, the program will immediately begin admitting students into the degree program. Students will be eligible to choose the entry level degree or the completion degree option immediately.

The IPFW Dental Assisting Program submits annual assessment plans and reports to both the ADA CODA and the IPFW College of Health and Human Services and the IPFW Campus Assessment Committees. Assessment plans and ADA CODA reports are used to determine the success of the program and areas for improvement. In addition to student evaluations of instruction for each course, other assessment measures will include:

- Retention and Graduation Rate
Expected Level of Performance:
90 % of students will graduate from the program.

- Pass Rate on National, Regional, and State Licensing Examinations
Expected Level of Performance:
100% of graduates will pass all licensing and certification examinations.

- Job Placement Rate
Expected Level of Performance:
90% of graduates will be employed within six months of graduation.

- Graduate Satisfaction Survey
Expected Level of Performance:
Graduates will rate the program above average in all areas.

- Employer Satisfaction Survey
Expected Level of Performance:
Employers will rate graduates' abilities above average in all areas.

REFERENCES:

- American Dental Education Association. (2007). *Unleashing the Potential*. Retrieved February 26, 2009 from <http://www.jdentaled.org/cgi/content/full/70/12/1265>
- Bureau of Labor Statistics, U.S. Department of Labor. (2007) *Occupational Outlook Handbook 2006-2007*. Retrieved February 22, 2009 from <http://bls.gov/oco>
- The IPFW College of Health and Human Services Strategic Plan. (2008). Retrieved February 26, 2009 from <http://www.ipfw.edu.hhs>
- The Pew Trust. (2010). *The cost of delay: State dental policies fail one in five children*. Retrieved February 26, 2010 from http://www.pewcenteronthestates.org/report_detail.aspx?id=56870
- The Pew Health Professions Commission. (1991). *Healthy America: Practitioners for 2005, an agenda for action for U.S. health professional schools*. Durham, NC: Shugars, D.A., O'Neil, E.H. & Bader, J.D.
- U.S. Department of Health and Human Services Bureau of Health Professions. (2011). HRSA Shortage Designation Branch. Retrieved May, 2011 from <http://bhpr.hrsa.gov/shortage>

Appendix A

Associate of Science in Dental Assisting Entry Level Degree Curriculum

Associate of Science in Dental Assisting Proposed Degree Curriculum

Curriculum	Required	Completed
1. Pre-Professional Credit Hours	14	
2. Professional Credit Hours	49	
3. Additional Required Courses	6	
Total ASDA Credit Hours	69	

1. Pre-Professional Courses		
	Course	Cr Hrs
Area I COM11400	Fundamentals of Speech Communication	3
DAST A101	Anatomy & Physiology	2
Area I ENG W131	English Composition I	3
NUR 10600	Medical Terminology	3
Area III PSY 12000	Elementary Psychology	3
	TOTAL	14

DAST A401	Restorative Dentistry Clinical Practice	
	TOTAL	49

2. Professional Courses		
	Course	Cr Hrs
DAST A112	Medical & Dent Emergencies	2
DAST A121	Microbiology & Asepsis	2
DAST A131	Dental Materials I	3
DAST A132	Dental Materials II	3
DAST A141	Preventive Dentistry & Nutrition	3
DAST A171	Clinical Science I	4
DAST A172	Clinical Science II	3
DAST A182	Practice Manag, Ethics & Juris	2
DAST A273	Advanced Clinical Practice	3
DHYG H214	Oral Anatomy, Histol & Embryol	3
DHYG H215	Pharmacology and Therapeutics	1
DHYG H242	Introduction to Dental Specialties	2
DHYG H303	Radiology	3
DHYG H304	Oral Pathology	1
DHYG H305	Radiology Clinic I	1
DHYG H347	Dental Public Health	3
DHYG H400	Evidence-based Decision Making	3
DHYG H405	Advanced Dental Sciences (capstone course w/ community dentistry extramurals)	3
	Choose one of the following courses below	
DAST A301	Advanced Orthodontic Practice	4

3. Additional Required Courses		
	Course	Cr Hrs
Area I	Math or Statistics	3
Choose One: Area III NUR 30900 or	Transcultural Healthcare	3
Area III COM 30300	Intercultural Communication	
	TOTAL	6

Miscellaneous		
Yes	No	DANB Certified Dental Assistant National and State Boards
Yes	No	Active Indiana State Radiology License #
Yes	No	Active CPR/BLS Certification
Yes	No	Residency Requirements Met

**Associate of Science in Dental Assisting
Completion Degree Curriculum**

Associate of Science In Dental Assisting Proposed Completion Degree Curriculum

Curriculum	Required	Completed
1. Pre-Professional Credit Hours	12	
2. Professional Certificate Credit Hours	34	
3. Additional Required Courses	27-29	
Total ASDA Credit Hours	73-75	

1. Pre-Professional Courses		
	Course	Cr Hrs
Area I COM11400	Fundamentals of Speech Communication	3
Area I ENG W131	English Composition I	3
NUR 10600	Medical Terminology	3
Area III PSY 12000	Elementary Psychology	3
	TOTAL	12

2. Certificate Professional Courses		
	Course	Cr Hrs
DAST A111	Anatomy, Physiology, and Oral Pathology	2
DAST A112	Medical & Dent Emergencies	2
DAST A121	Microbiology & Asepsis	2
DAST A131	Dental Materials I	3
DAST A132	Dental Materials II	3
DAST A141	Preventive Dentistry & Nutrition	2
DAST A171	Clinical Science I	4
DAST A172	Clinical Science II	6
DAST A182	Practice Manag, Ethics & Juris	2
DHYG H214	Oral Anatomy, Histol & Embryol	3
DHYG H242	Introduction to Dental Specialties	1
DHYG H303	Radiology	2
DHYG H305	Radiology Clinic I	2
	TOTAL	34

3. Additional Required Courses		
	Course	Cr Hrs
Area I	Math or Statistics	3
Choose One: Area III NUR 30900 or	Transcultural Healthcare	3
Area III COM 30300	Intercultural Communication	
DHYG H215	Pharmacology and Therapeutics	1

DHYG H304	Oral Pathology	1
DHYG H347	Dental Public Health	3
DHYG H400	Evidence-based Decision Making	3
DHYG H405	Advanced Dental Sciences (capstone course w/ community dentistry extramurals)	3
	Choose one of the following courses below	
DAST A301	Advanced Orthodontic Procedures	4
DAST A401	Restorative Dentistry Clinical Practice	4
	Choose two of the following courses below	
BIOL 20300	Human Anatomy & Physiology I	4
BIOL 20400	Human Anatomy & Physiology II	4
CHM 11100	General Chemistry	3
CSD 18100	1 st Crs in American Sign Language	3
SPAN S120	Reality Spanish	3
	TOTAL	27-29

Miscellaneous		
Yes	No	
		DANB Certified Dental Assistant National and State Boards
		Active Indiana State Radiology License #
		Active CPR/BLS Certification
		Residency Requirements Met

APPENDIX B – SURVEY RESULTS

SURVEY OF INTEREST - SURVEY DEMOGRAPHICS

Survey Questions	Alumni Responses
Respondents	N=144
Response Rate	20.1%
Current employment in dental field	YES Full-time - 125 Part-time - 13 NO 6 Reasons: 4- Motherhood 2 - Couldn't find employment
Number of yrs of college completed	1-2 yrs = 79 3 yrs = 41 4 yrs = 14 5 yrs = 9 6+ yrs = 1
College Degrees Completed After Certificate in Dental Assisting	7 – AS Dental Hygiene 1 – Dental Laboratory Technology 5 – BGS Gen Studies 13 – AAGS Gen Studies 6 – BS OLS 5 – AS OLS 1 – BS Education 1 – AS Education 1 – Purdue HTM 1 – BS Biology 1 – BS Psychology 1 – AS Business

SUMMARY OF INTEREST

Survey Questions	2007-2009 Alumni Responses	2010 Graduate Responses
Currently taking classes toward an advanced degree	YES 13 Bachelor Gen Studies Bachelor OLS NO 54	
Considering IPFW completion degree	YES 53 0 – Full-time 53 - Part-time Max. # courses per semester? 1 course – 9 2 courses- 44 3 courses – 0 NO 14	YES 21 1 – Full-time 20 – Part-time Max. # courses per semester? 1 course – 8 2 courses- 13 3 courses – 0 NO 2 BS in HTM from Purdue Moving out of state
Course delivery preference	Traditional - 8 Distance - 25 Combination- 20	Traditional - 2 Distance - 4 Combination- 15
1. Interested in Dental Education Core	13	4
2. Interested in Dental Sales & Leadership Core	17	1
3. Interested in Restorative Dentistry Core	23	16

CLASS OF 2009 STUDENT SURVEY COMMENTS

- I'm interested in the Restorative Concentration (16 respondents)
- I'm interested in the Dental Business Leadership and Sales Concentration (1 respondent)
- I'm interested in Dental Education Concentration (4 respondents)
- I'm moving out of state

CLASS OF 2008 STUDENT SURVEY COMMENTS

- I'm interested in the Restorative Concentration (11 respondents)
- I'm interested in the Dental Business Leadership and Sales Concentration (2 respondents)
- I'm interested in the Dental Education Concentration (3 respondents)
- I might be interested in a bachelor degree, but need more information (3 respondents)
- I might enroll after I have been out of school for a while (2 respondents)
- I need to pay off school loans.
- I'm moving out of the area.

CLASS OF 2007 STUDENT SURVEY COMMENTS

- I'm interested in the Restorative Concentration (12 respondents)
- I'm interested in the Dental Business Leadership and Sales Concentration (3 respondents)
- I'm interested in the Dental Education Concentration (3 respondents)
- I might be interested in a bachelor degree, but need more information (2 respondents)
- I might enroll after I have been out of school for a while.
- I need to pay off school loans.
- I might be interested in the future.

ALUMNI SURVEY COMMENTS

- I'm very interested in a BSDS restorative degree (13 respondents).
- I wish this degree would have been a choice when I first started. I could be receiving my BSDS instead of a BGS degree.
- Let us know when you start the degree. Several of my classmates are interested.
- I just completed my AS in OLS and would like to pursue my bachelor degree in dental education.
- I am taking General Studies courses now, but would prefer a BS degree in dental education.
- I have always wanted to teach in the dental assisting program. Please let me know when you start it.
- I currently am pursuing a bachelor degree in general studies, but would prefer a degree in dentistry. I hope my credit hours transfer.
- I just finished my BGS, but would have liked to have the BSDS on my resume.

APPENDIX C

Articulation with Ivy Tech Certificate Dental Assisting Programs in Anderson, Kokomo, Columbus, and Lafayette

Course	IPFW Course Name	Credit Hours	Course	Ivy Tech Course Name	Credit Hours
DAST A101	Anatomy and Physiology	2	DENT 131	Basic Integrat Science	2
DHYG H214	Oral Anatomy, Histol & Embryol	3	DENT 123	Dental Anatomy	2
COM 11400	Fundamentals of Speech Communication	3	COMM 102	Intro to Inter Com	3
ENG W131	English Composition	3	ENGL 111	English Composition	3
NUR 10600	Medical Terminology	3	DENT 131	Basic Integrat Science	
PSY 12000	Psychology	3	*	*	*
DAST A112	Medical & Dent Emergencies	2	DENT 116	Dental Emerg/Pharm	2
DHYG H215	Pharmacology & Therapeutics	1			
DAST A121	Microbiology & Asepsis	2	DENT 115	Preclinical Practice I	
DAST A131	Dental Materials I	3	DENT 102	Dental Mat and Lab I	3
DAST A132	Dental Materials II	3	DENT 129	Dental Mat and Lab II	3
DAST A141	Preventive Dent & Nutrition	3	DENT 124	Prevent Dent/Diet & Nutr	2
DAST A171	Clinical Science I	3	DENT 115	Preclinical Practice	4
			DENT 122	Clinical Practicum	1
DAST A172	Clinical Science II	3	DENT 130	Clinical Externship	5
			DENT 117	Dental Office Manage	2
DAST A182	Practice Manag, Ethics & Juris	2	DENT 115	Preclinical Practice I	
DAST A273	Advanced Clinical Practice	3	*	*	*
DHYG H242	Introduction to Specialties	2	DENT 125	Preclinical Practice II	3
DHYG H303	Radiology	3	DENT 118	Dental Radiography	4
DHYG H304	Oral Pathology	1	*	*	*
DHYG H305	Radiology Clinic I	1	DENT 118	Dental Radiography	
DHYG H347	Dental Public Health	3	*	*	*
DHYG H400	Evidence-based Decision Making	3	*	*	*
DAST A301	Advanced Orthodontic Practice	4	*	*	*
DAST A401	Restorative Dentistry Clinical Practice	4	*	*	*
DHYG H405	Advanced Dental Sciences (capstone)	3	*	*	*
Area I	Math or Statistics	3	*	*	*
NUR 309 or COM 303	Transcultural Healthcare or Intercultural Communication	3	*	*	*

*Subject content: psychology, oral pathology, dental public health, restorative dentistry, evidence-based decision making, advanced dental sciences (capstone), and advanced clinical practice were not found in the current Ivy Tech certificate curriculum. These courses will need to be supplemented with the associate degree program https://wwwapps.ivytech.edu/cgi-bin/curr/gpprogram_list.cgi#

TABLE 1: PROGRAM ENROLLMENTS AND COMPLETIONS
Annual Totals by Fiscal Year (use SIS Definitions)

Campus: Indiana University - Purdue University Fort Wayne
 Program: A.S. in Dental Assisting
 Date: August, 2011

	YEAR 1 FY 12-13	YEAR 2 FY 13-14	YEAR 3 FY 14-15	YEAR 4 FY 15-16	YEAR 5 FY 16-17
A. PROGRAM CREDIT HOURS GENERATED					
1. Existing Courses	700	900	900	900	900
2. New Courses	320	420	420	420	420
TOTAL	<u>1,020</u>	<u>1,320</u>	<u>1,320</u>	<u>1,320</u>	<u>1,320</u>
B. FULL-TIME EQUIVALENTS (FTE)					
1. FTEs – generated by Full-Time students	24	24	24	24	24
2. FTEs generated by Part-Time students	10	20	20	20	20
TOTAL	<u>34</u>	<u>44</u>	<u>44</u>	<u>44</u>	<u>44</u>
3. On-Campus Transfer FTEs	24	24	24	24	24
4. New-to-Campus FTEs	10	20	20	20	20
C. PROGRAM MAJORS (HEADCOUNT)					
1. Full-time students	24	24	24	24	24
2. Part-time students	20	40	40	40	40
TOTAL	<u>44</u>	<u>64</u>	<u>64</u>	<u>64</u>	<u>64</u>
3. On-Campus Transfers	24	24	24	24	24
4. New-to-Camp. Majors	20	40	40	40	40
5. In-State	44	64	64	64	64
6. Out-of-State	0	0	0	0	0
D. PROGRAM COMPLETIONS	<u>24</u>	<u>44</u>	<u>44</u>	<u>44</u>	<u>44</u>

TABLE 2A

TOTAL DIRECT PROGRAM COSTS AND SOURCES OF PROGRAM REVENUES

Campus: Indiana University - Purdue University Fort Wayne
 Program: A.S. in Dental Assisting
 Date: August, 2011

	TOTAL YEAR 1 FY 12-13 FTE COST	TOTAL YEAR 2 FY 13-14 FTE COST	TOTAL YEAR 3 FY 14-15 FTE COST	TOTAL YEAR 4 FY 15-16 FTE COST	TOTAL YEAR 5 FY 16-17 FTE COST
A. TOTAL DIRECT PROGRAM COSTS					
1. Existing Departmental Faculty Resources	3.00 180,000	3.00 180,000	3.00 180,000	3.00 180,000	3.00 180,000
2. Other Existing Resources	---	---	---	---	---
3. Incremental Resources	1.10 71,000	1.40 93,000	1.40 93,000	1.40 93,000	1.40 93,000
TOTAL	4.10 251,000	4.40 273,000	4.40 273,000	4.40 273,000	4.40 273,000

	TOTAL YEAR 1 FY 12-13	TOTAL YEAR 2 FY 13-14	TOTAL YEAR 3 FY 14-15	TOTAL YEAR 4 FY 15-16	TOTAL YEAR 5 FY 16-17
B. SOURCES OF PROGRAM REVENUE					
1. Reallocation	180,000	180,000	180,000	180,000	180,000
2. New-to-Campus Student Fees	71,000	93,000	93,000	93,000	93,000
3. New State Appropriations					
a. Enrollment Change Funding	0	0	0	0	0
b. Other State Funds	0	0	0	0	0
TOTAL	251,000	273,000	273,000	273,000	273,000

Campus: Indiana University - Purdue University
Fort Wayne

Program: A.S. in Dental Assisting
Date: August, 2011

TABLE 2B:
DETAIL ON INCREMENTAL OR OUT-OF-POCKET
DIRECT PROGRAM COSTS

	Year 1		Year 2		Year 3		Year 4		Year 5	
	TOTAL FTE	FY 12-13 COST	TOTAL FTE	FY 13-14 COST	TOTAL FTE	FY 14-15 COST	TOTAL FTE	FY 15-16 COST	TOTAL FTE	FY 16-17 COST
1. PERSONAL SERVICES										
a. Faculty	1.0	60,000	1.0	60,000	1.0	60,000	1.0	60,000	1.0	60,000
b. Support Staff	0	0	0	0	0	0	0	0	0	0
c. Other Staff -Assoc. Fac.	0.1	5,000	0.4	27,000	0.4	27,000	0.4	27,000	0.4	27,000
TOTAL PERSONAL SERVICES	1.1	65,000	1.4	87,000	1.4	87,000	1.4	87,000	1.4	87,000
2. SUPPLIES AND EXPENSES										
a. General S&E		6,000		6,000		6,000		6,000		6,000
b. Recruiting		0		0		0		0		0
c. Travel		0		0		0		0		0
d. Library Acquisitions		0		0		0		0		0
TOTAL S&E EXPENSES		6,000		6,000		6,000		6,000		6,000
3. EQUIPMENT										
a. New Equipment		0		0		0		0		0
b. Routine Replacement		0		0		0		0		0
TOTAL EQUIPMENT		0		0		0		0		0
4. FACILITIES		0		0		0		0		0
5. STUDENT ASSISTANCE										
a. Grad. Fee Scholarships		0		0		0		0		0
b. Fellowships		0		0		0		0		0
TOTAL STU.ASSISTANCE		0		0		0		0		0
SUM OF ALL INCREMENTAL DIRECT COSTS		71,000		93,000		93,000		93,000		93,000

TABLE 3:
NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY
DATE: August, 2011

I. Prepared by Institution

Institution/Location: Indiana University – Purdue University Fort Wayne
 Program: A.S. in Dental Assisting
 Proposed CIP Code: 51.0601

	YEAR 1 FY 12-13	YEAR 2 FY 13-14	YEAR 3 FY 14-15	YEAR 4 FY 15-16	YEAR 5 FY 16-17
Enrollment Projections (Headcount)	<u>44</u>	<u>64</u>	<u>64</u>	<u>64</u>	<u>64</u>
Enrollment Projections (FTE)	<u>34</u>	<u>44</u>	<u>44</u>	<u>44</u>	<u>44</u>
Degree Completions Projection	<u>24</u>	<u>44</u>	<u>44</u>	<u>44</u>	<u>44</u>
New State Funds Requested (Actual)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
New State Funds Requested	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

II. Prepared by CHE

New State Funds to be Considered for
 Recommendation (Actual)

New State funds to be considered for
 Recommendation (Increases)

APPENDIX E

EXTRAMURAL AFFILIATION AGREEMENT

**Private Dental Offices
Matthew 25 Dental Clinic
Neighborhood Dental Clinic**

EDUCATION PROGRAM AGREEMENT

BETWEEN

Office(s) of: _____

AND

INDIANA UNIVERSITY-PURDUE UNIVERSITY FORT WAYNE

This Agreement, effective Jan. 1, 2010, is entered into by the above noted office - ("FACILITY") and Indiana University-Purdue University Fort Wayne for and on behalf of its Dental Assisting Program ("UNIVERSITY") for the purpose of providing a Clinical Dental Assisting Extramural Education Program ("PROGRAM") experience.

WITNESSETH:

WHEREAS the UNIVERSITY is desirous of providing instruction and clinical dental assisting experience to UNIVERSITY students enrolled in the Dental Assisting Program and,

WHEREAS the FACILITY has the facilities to provide the PROGRAM and, WHEREAS for the purpose of furthering the following objectives of the parties hereto, the UNIVERSITY will send to FACILITY, students enrolled in the Dental Assisting Program who desire to receive instruction and dental assisting experience through this PROGRAM: 1) to provide clinical dental assisting experiences and related instruction for students of the PROGRAM. 2) to improve the overall educational program by providing opportunities for learning experiences that allow the student to progress to advanced levels of performance. 3) to provide and operate a program of the high quality.

NOW THEREFORE:

I. The UNIVERSITY and the FACILITY agree:

- A. To establish the number of students who will participate in the PROGRAM, the dates of the PROGRAM, and the length of the PROGRAM.
- B. To establish rules and regulations for students participating in the PROGRAM.
- C. To remain responsible for the acts of their respective employees and agents.
- D. To notify the other party if one party becomes aware of a claim asserted by any person which seems to arise out of this Agreement or any activity carried out under this Agreement. Such information shall be communicated to other the party as soon as possible. The parties will attempt to resolve which party, if either, should be responsible to investigate, settle, or defend the claim. It is understood that each party will be influenced by its insurance carrier if the particular claim is among risks insured by its carrier.

- E. To recognize that the specific nature of the PROGRAM required by the UNIVERSITY may vary and that following execution of this Agreement and within the scope of its provisions, the UNIVERSITY may develop letter agreements with their counterparts in the FACILITY to formalize operational details of the PROGRAM. The Director of the Dental Assisting Program, the Chair of the Department of Dental Education, the Dean of the College of Health and Human Services, the College Business Manager, and the Owner/Manager of the FACILITY shall approve this letter agreement.
- F. To appoint two persons to be responsible for each PROGRAM. The UNIVERSITY shall appoint the program director, Connie Kracher, Ph.D. The FACILITY shall appoint a Clinical Dental Assisting Extramural Program supervisor, (or mentor) in the instance that the FACILITY owner/manager is not the supervisor. Each party will supply the other party with the name of this person along with the person's professional and academic credentials. Each party shall notify the other in writing of any change of that person.
- G. The student will continue to remain under the sole management and control of the supervising instructors of the UNIVERSITY; except that each student will be made to understand that he/she must abide by the rules and policies of the individual FACILITY.

II. The FACILITY agrees:

- A. To provide an opportunity for student practice and/or observation in the dental services of the FACILITY by creating a supervised PROGRAM of clinical dental assisting experiences.
- B. To maintain complete records and reports on each student's performance and to provide an evaluation to the UNIVERSITY on forms provided by the UNIVERSITY.
- C. To permit upon reasonable request, the inspection of the FACILITY and services available for the PROGRAM, the student records and other items pertaining to the PROGRAM by the UNIVERSITY or accreditation agencies.
- D. The duties assigned each student should include only those procedures which can legally be delegated to dental assistants according to the current *Indiana Dental Practice Act*.
- E. To request post-exposure evaluation to determine the HBV and HIV status of FACILITY patient/s involved in exposure incident/s at no cost to the FACILITY or FACILITY patient/s. Testing site to be determined by UNIVERSITY. The current incident reporting protocol, incident report forms, and the name of the approved testing site will be provided to the FACILITY by the UNIVERSITY.

III. The UNIVERSITY agrees:

- A. To assign to the PROGRAM only those students who have satisfactorily completed the prerequisite portions of the curriculum.
- B. To disseminate the established rules and regulations to the participating students.

- C. To withdraw from the extramural PROGRAM, at the request of the FACILITY, any student whose performance is unsatisfactory for any reason or who violates the established rules and regulations of the FACILITY or the UNIVERSITY.
- D. To determine testing site for post-exposure evaluation.
- E. To pay for post-exposure evaluation for PROGRAM student and FACILITY patient/s involved in exposure incident/s.

IV. Term of Agreement:

- A. This Agreement shall be subject to review and renewal by the parties annually provided, however, that either party shall have the right to terminate this Agreement upon ninety (90) days written notice to the offer. All students enrolled in the PROGRAM at the time notice to terminate this Agreement is given, shall be permitted to complete the PROGRAM. Termination shall occur only at the end of an academic term (semester) or term.
- B. This Agreement may be modified by mutual consent of the parties.

APPROVED AND ACCEPTED "FACILITY"

By _____ / _____
 Facility Owner/Manager Date

APPROVED AND ACCEPTED "UNIVERSITY"

By _____ / _____
 Director, Dental Assisting Program Date

By _____ / _____
 Chair, Department of Dental Education Date

By _____ / _____
 Dean, College of Health and Human Services Date

By _____ / _____
 Business Manager, College of HHS Date

