

# Annual Program Review And Assessment

2007-2008

Annual Program Review And Assessment	
* Curriculum Program Title: <u>Dental Hygiene</u>	Curriculum Code: <u>A45260</u>
<b>Note: The following questions will be reported in the FTCC Annual Program Review to the North Carolina Community College System.</b>	2007-2008
Did the Advisory Committee meet in the last year? ( <u>Y</u> es, <u>N</u> o or <u>N</u> ot <u>A</u> pplicable)	Yes
If yes, are the minutes of the meeting on file? ( <u>Y</u> es, <u>N</u> o or <u>N</u> ot <u>A</u> pplicable)	Yes
Has the curriculum currency for this program been addressed during the last five years? ( <u>Y</u> es or <u>N</u> o)	Yes
Are the documents on file? ( <u>Y</u> es or <u>N</u> o)	Yes
Did this program respond to last year=s Program Review recommendations? ( <u>Y</u> es, <u>N</u> o or <u>N</u> ot <u>A</u> pplicable)	Yes
If applicable, is the documentation on file and available for verification? ( <u>Y</u> es or <u>N</u> o)	Yes

\_\_\_\_\_  
Department Chairperson / Date

\_\_\_\_\_  
Division Chairperson / Date

\_\_\_\_\_  
Academic Dean / Date

\_\_\_\_\_  
Associate VP for Curriculum  
Programs / Date

Copies of the Program Review are to be provided to the Director of the Institutional Effectiveness and Assessment Office after review/approval by the officials listed above.

## Annual Program Review and Assessment

### 2007-2008

1. Identify the **Student Enrollment In The Curriculum** during the last three (3) years (Note: If your curriculum has diplomas and/or certificates, please include the enrollment in those separately in the comments section)

	2005-2006	2006-2007	2007-2008
Curriculum Enrollment	53	53	57

Comments:

2. Identify the **Number of Program/Curriculum Graduates** during the last three (3) years (Note: If your curriculum has diplomas and/or certificates, please include the enrollment in those separately in the comments section):

	2005-2006	2006-2007	2007-2008
Curriculum Graduates	19	18	23

Comments:

3. Identify the **Number of Faculty (full-time and part-time)** that taught in the curriculum during the last three (3) years:

	2005-2006	2006-2007	2007-2008
Full-Time Instructors	5.5	5.5	5.5
Part-Time Instructors	3	3	3

Comments: Clinic dentist is FT, but has taught only a portion of 1 class each year.

4. Identify the **Number of FTE** generated by the curriculum and the **Number of Instructor Positions** funded based upon the FTE during the last three (3) years:

	2005-2006	2006-2007	2007-2008
FTE Generated			
Instructor Positions	5.5 FT 3 PT	5.5 FT 3 PT	5.5 FT 3 PT

Comments: Department dentist not counted in clinic Accreditation-required ratios, but is counted in FTE. Dentist's salary is split Dental Assisting/Dental Hygiene.

5. Identify the **Budget Dollar Amount of Equipment and Supplies** purchased to support the curriculum during the last three (3) years:

	2005-2006	2006-2007	2007-2008
Equipment	12,832	0	25,464
Supplies	48,212	51,086	45,620

Comments:

6. Identify the **Passing Rates for First-time Licensure Exam Takers** (if applicable) during the last three (3) years  
(Note: If your curriculum/program has multiple licensure exams, include data for each one of the multiple exams)

	2005-2006	2006-2007	2007-2008
First-time Exam Takers	National: 100% State: 89.4%	National: 100% State: 100%	National: 100% Regional: 86.9%

Comments: National Dental Hygiene Board Exam is written; State/Regional Exams are clinical licensure exams.

7. Identify the **Number of Sections Offered** to students during the year, the **Number of Sections Made**, and the **Average Class Size** during the last three (3) years:

	2005-2006	2006-2007	2007-2008
Number of Sections Offered	30	30	30
Number of Sections Made	30	30	30
Average Class Size	23.66	25.33	26.33

Comments: Due to attrition, only one of the two DEN 141 sections were offered the past three years. The hours during which the second section would have been offered were utilized for clinical remediation and calibration as students needed.

8. Identify the **Average Faculty Workload** (contact hours / per week) during the last three (3) years:

	2005-2006	2006-2007	2007-2008
Average Full-time Faculty Workload	18	18	18

Comments: The Department Chair has reduced hours to maintain compliance with Commission on Dental Accreditation Standards. Faculty hours are on lower end of range to accommodate review of patient records, clinical preparation, patient assessment and dismissal, and securing of clinic each day.

9. Identify the **Number of Sections Taught by Full-Time Instructors** and the **Number of Sections Taught by Part-Time Instructors** during the last three (3) years:

	2005-2006	2006-2007	2007-2008
Sections Taught by Full-time Instructors	30	30	30
Sections Taught by Part-time Instructors	6 (clinical adjunct)	6 (clinical adjunct)	6 (clinical adjunct)

Comments: All sections have FT faculty lead instructors as required by the Commission on Dental Accreditation Standards. Part-time faculty are adjunct clinical instructors only.

10. Identify when the curriculum was last revised (implementation semester/term): 10/06/06

- The last time the Program went through a major curriculum change was Fall 2007, when the NCCC System underwent semester conversion and adoption of the Common Course Library. The Program of Study was last updated 10/06/06 at the state level due to minor changes in the general education courses.

11. Identify how each program instructor (full-time and part-time) assures that distance education students, taking on-line classes, are meeting the same requirements for successful course completion as traditional students in face to face classes.

- Dental Hygiene classes are not offered online

12. Identify the **Program Assessment Plan Objectives** for the past 3 years, along with the measurable learning outcome metrics/rubrics used to assess those objectives, and the action plans that came from analysis of the metrics/rubrics (Note: Data should be readily available in Weaveonline Program Area).

<p><b>Intended Learning Outcomes</b> List three learning outcomes, one of which is the selected college-wide learning outcome. The other two should be specific to the instructional unit.</p>	<ol style="list-style-type: none"> <li>1. Students will use information to analyze problems and make logical decisions while developing a comprehensive dental hygiene treatment plan.</li> <li>2. Perform technical skills required in the profession of dental hygiene while performing routine and advanced dental hygiene procedures.</li> <li>3. Using evidence-based research, students will communicate effectively in speaking, writing, reading, and listening in the written and oral presentation of a selected topic.</li> </ol>
<p><b>Methodology</b> For each learning outcome, address the following questions: What approach will be used? Why was this approach selected? How will measurement occur? When will the data collection be completed? Who will analyze the results?</p>	<ol style="list-style-type: none"> <li>1. An attending clinical instructor and/or dentist will evaluate the student during each patient clinical encounter to determine process and product competency regarding treatment planning. Utilizing data recorded on the daily clinical grade sheets, the clinical coordinator will calculate and analyze the cumulative spring semester results.</li> <li>2. Graduates will demonstrate clinical competence to assigned and calibrated examiners during the Council of Interstate Agencies (CITA) licensure examination in June following graduation. CITA measures clinical competence as well as the ability to follow instructions and to organize patient data. The Department Chair will collect and analyze the pass/fail data for reporting purposes to SACS and the Commission on Dental Accreditation (CODA).</li> <li>3. Given a specific topic and utilizing evidence-based literature, students will research and present a formal paper and oral presentation. Students will be evaluated by themselves, their peers, and the course instructor in DEN 222 General and Oral Pathology. The course instructor will calculate and analyze the project grades each spring.</li> </ol>
<p><b>Criteria for Success</b> For the outcomes listed above, identify the criteria used to determine success and explain the rationale for selecting those criteria.</p>	<ol style="list-style-type: none"> <li>1. 80% of students will accurately prepare and present a dental hygiene treatment plan, reflected in the grading rubric, in DEN 231 Dental Hygiene Clinic IV.</li> <li>2. 80% of graduates will successfully pass the clinical licensing exam (CITA) on the first attempt.</li> <li>3. 80% of students will earn a 77% or higher on an assigned research paper and oral presentation in DEN 222 General and Oral Pathology.</li> </ol>

13. Identify by course listing, which **FTCC Core Competency Statement** is being met by the instruction in that course

(Note: Core Competency Statements are included in the Strategic Plan and each course should address one or more of those statements)

	I. Communicate effectively in speaking, writing, reading, and listening	II. Use critical thinking to analyze problems and make logical decisions	III. Demonstrate socialization skills that support cultural awareness and a global perspective	IV. Demonstrate quantitative competencies	V. Demonstrate computer literacy.
DEN 110	X	X			X
DEN 111	X	X			X
DEN 112	X	X	X	X	X
DEN 120	X	X	X		X
DEN 121	X	X	X	X	X
DEN 123	X	X	X	X	X
DEN 124	X	X	X	X	X
DEN 125	X	X	X	X	X
DEN 130	X	X	X	X	X
DEN 131	X	X	X	X	X
DEN 140	X	X	X	X	X
DEN 141	X	X	X	X	X
DEN 220	X	X	X	X	X
DEN 221	X	X	X	X	X
DEN 222	X	X			X
DEN 223	X	X		X	X
DEN 224	X	X		X	X
DEN 230	X	X	X	X	X
DEN 231	X	X	X	X	X
DEN 232	X	X	X	X	X
DEN 233	X	X	X		X

14. Attach a copy of the current year's **Program Assessment Plan** indicating quality enhancement goals for the upcoming year, as an attachment to this document (Note: Available from Weaveonline)

## Annual Program Review And Assessment Recommendations For Quality Improvement

<b>Curriculum Program Title:</b> Dental Hygiene	<b>Curriculum Code:</b> A45260	<b>Fiscal Year:</b> 2007-2008
<b>Trends (attached additional pages if necessary):</b>  Attached		
<b>Needs (attached additional pages if necessary):</b>  Attached		
<b>Recommendations (attached additional pages if necessary):</b>  Attached		
<b>Response to Last Year's Recommendations (attached additional pages if necessary):</b>  Attached		



## Annual Program Review and Assessment Recommendations for Quality Improvement

### TRENDS:

- **Enrollment:** The number of applicants for admission into the Dental Hygiene Program remains high and placement rates continue to be 100%. Category I applicants numbered 142 in 2008, 138 in 2007, 117 in 2006, and 128 in 2005. Job placement results for 2008 graduates were indicative of recent state-wide trends: 100% of graduates seeking employment were employed within four months of graduation although fewer graduates had positions secured at graduation than in previous years. Graduates report longer job searches than before and more graduates are compromising with part-time positions.

Pitt Community College plans to open the fifteenth dental hygiene program in NC, up from seven NC programs in 1993. Regional dental employment services continue to express concern over a saturation of graduates into the marketplace. While desire for program entry continues to exceed available seats, graduates from any program deserve a reasonable certainty of job placement upon entry into the marketplace.

- **Facilities:** Graduate surveys continue to indicate increasing usage of computers, digital radiography, and intra-oral technology in local and regional dental facilities. The computer program that has been utilized in the FTCC dental hygiene clinic has become obsolete, no longer receives technical support, and must be replaced. The Dental Hygiene clinic has had no major remodel or renovations since it opened in Fall 1998.

The dental hygiene program continues to utilize rotation sites for enhancement of students' education. Sites currently include DC #5 at Fort Bragg, the Veterans' Hospital, and the E. Newton Smith Health Department. The possibility always exists that one of the rotation sites could become unavailable for program use. Should a replacement site not be immediately found, the students otherwise scheduled on rotation would need to be accommodated in the FTCC Dental Hygiene Clinic. Should the program increase enrollment, the accommodation of additional students in our clinic could be problematic. Fort Bragg DENTAC continues the process of renovating several of the dental clinics on the post. Some of the dental clinics on Fort Bragg have closed during renovation and have relocated personnel to DC #5. To date, the FTCC program has been accommodated. However, should DENTAC need the facilities for troops, the FTCC students would have to be placed somewhere else. "Planning Assumption" number 9, located on page 25 of the 2007-2012 Strategic Plan states that, "Access to Fort Bragg for FTCC students will become increasingly more restricted due to the military's increased level of

security”, which yields another concern and caution for increased enrollment at this time. The Clinic Coordinator for the Dental Hygiene Program is currently exploring an additional rotation site at the Tri-County Health Department in Newton Grove, NC. This additional site would provide students with enhanced training with special needs patients and a multi-cultural population.

- **Technology:** The use of technology continues to increase in the dental office setting. FTCC dental hygiene graduates should be competent in the use of technology that is the local “standard of care”, including computerized charting, perioscopy, and intraoral photography. These examples remain at the forefront of today’s practice. Additional technology that is surfacing locally includes laser beam technology to detect caries (decay) and treat periodontal disease. The Dental Hygiene program was fortunate in 2007-2008 to receive funding for an intraoral camera and the Diagnodent laser caries detector and in 2008-2009 to receive funding for the Velscope oral cancer screening system. Acquisition of a state-of-the-art clinical computer and digital radiography system will help to bring the department up to the local standard of care for patient assessment and radiography.
- **Instructional Supply Budget:** The cost of materials and supplies needed for classroom and clinical instruction, dental materials, and dental health education continues to rise. The Dental Department must ensure students are lab proficient and clinically competent in the use of contemporary materials and supplies – which are expensive but necessary in the instruction of the dental hygiene students.
- **Equipment Repair/Maintenance:** Operatory units and equipment were installed in 1998 and are becoming increasingly more expensive to repair or to replace.
  - As dental x-ray teaching-training replica’s (DXTRRs) age, repair (\$1800+) and/or replacement (\$6000+) will continue to be necessary due to extensive and shared use by Dental Hygiene students, Dental Assisting students, and continuing education students from the Southern Regional Area Health Education Clinic (SRAHEC). Two DXTRRs were purchased in 2007, and four DXTRRs are now in disrepair with safety issues.
  - The dental department has experienced the need for a high number of service/repair visits over the past twelve months on other clinical and radiology equipment. One film processor was purchased in 2007 and two x-ray tube heads suddenly became inoperable and unsafe in February 2008 and were replaced.

- The Dental Hygiene Program purchased two large magnaclaves and one small autoclave for use in the sterilization room of the dental hygiene clinic.

Due to the age of the equipment and the number of students using the equipment, repair and/or replacement costs must be anticipated. At some point, replacement becomes more reasonable than continued costly repairs.

- **Retention:** While the attrition rate for the Dental Hygiene Program is lower than that of the College as a whole, retention is a continuous topic of concern at monthly faculty meetings. The need to improve retention of students who are not achieving the minimum acceptable grade of 2.0 ("C") through early intervention, remediation, and more one-on-one student/faculty instruction is necessary as demonstrated by the percentage of students who fail to graduate. Dental Hygiene Accreditation Standard 2-1 states that there must be mechanisms in place whereby, "...students are selected who have the potential for successfully completing the program." Transcript issues of those applying for the program continue to be a concern. Students who are allowed to attempt related courses 3-4 times and have the highest grade counted in their competitive points do not reflect a realistic picture of what will be expected and required once in the program. Students taking related courses may "withdraw" when they become discouraged in those courses, but cannot do so in the dental hygiene program without withdrawing from the entire program. A current trend among other institutions is to offer biology classes online, and some students who have taken those classes online are admittedly entering the program with inadequate preparation in the biological sciences. The Dental Hygiene faculty hold several mandatory Information Sessions during which the applicants and potential students are fully informed of the rigors and requirements of the program. However, each year several students withdraw shortly after beginning the program for personal reasons, including disinterest in the program. At the time these students withdraw, it is not possible to replace their seat with another student. Dental Hygiene faculty continue to probe other possible solutions for this continuing problem.
- **Faculty:** The trend is for faculty-student ratios to be lower than the maximum CODA-allowed ratio in an effort to improve retention and to facilitate the matriculation of the students who require additional assistance to be successful. Revised Accreditation Standards, effective January 2009, necessitate one additional clinical instructor be scheduled into DEN 131 for Spring semester. First-year students require more careful supervision in Spring semester as they are still learning new skills and safety measures. It is necessary to observe each student in a nearly uninterrupted manner. Attending instructors must observe each clinical

student from directly overhead. It is necessary to leave the presence of one student to address another, thereby leaving the first student unsupervised while manipulating sharp instruments in the patient's mouth. The Commission on Dental Accreditation Standards for Dental Hygiene Education have been revised, effective January 2009. One change to be implemented is the faculty to student ratio, changing from 6:1 to 5:1, an absolute maximum in the clinical setting. The faculty to student ratio for dental hygiene sciences (i.e., Dental Materials) will be changed from 12:1 to 10:1.

Additionally, any future increase in class size would require the hire of additional faculty in order to remain in compliance with CODA requirements.

## **NEEDS:**

- **Enrollment:** Faculty consensus is to maintain a cautious approach to increased enrollment. As new programs continue to open in NC, employment opportunities are becoming tenuous. In fairness to FTCC graduates, steps must be taken to ensure they have a positive outlook for employment once they complete their program and become licensed.

Any increase in enrollment must be justified by:

- Documentation of a definite need for additional dental hygiene graduates,
- Documentation of job opportunities available upon graduation,
- Documentation of additional programs planned by the NC Community College System,
- Successful completion of the Dental Assisting expansion project, and
- The hire of additional faculty and support staff.

The dental hygiene department will make every effort to ensure continued compliance with Accreditation Standards at all times and avoid any situation(s) that would jeopardize the integrity or Accreditation status of the program.

- **Expansion of Facility:** Successful completion of the Dental Assisting expansion plan would provide collateral benefit to the Dental Hygiene program.
  - Increased storage space for bulk supplies
  - Increased space in the Dental Materials Lab

- **Expansion of Technology:** After extensive faculty review and discussion, priorities in the Dental Hygiene Program, in rank order, are:

- The **1<sup>st</sup> priority** is the purchase of a new clinical computer and digital radiography system to replace the current system that is obsolete.

Students have not received this valuable training for the past two years. Graduates of the UNC School of Dentistry are trained exclusively in this technology and will expect their employees to be familiar with the programs.

- **Instructional Supplies Budget:** Changes in the practice of dentistry necessitate the constant update and purchase of new dental materials, instruments, equipment, and supplies. Operational costs increase with the effort to maintain currency in the clinical and laboratory courses. Continued upgrading of instructional supply budgets is necessary for program growth and accomplishment of program goals.

Faculty continuing education is necessary (and required) for currency in the contemporary dental field. Additional monies are needed for this continuing education and professional development – required for licensure and Accreditation compliance.

- **Retention:** Attrition rates suggest the need for earlier intervention, remediation, and more one-on-one instruction for retention of students in both the first and second year classes. For instructional and safety concerns, student-to-faculty ratio in the first (Pre-clinic and Clinic I) should realistically be 3:1; student-to-faculty ratio in summer and in second year (Clinic II, III, and IV) should realistically be 4:1.
- **Increase Faculty:** To remain in compliance with Accreditation Standards, an additional instructor needs to be scheduled into DEN 131 with the current class size. Should the program increase enrollment at any time, additional full-time faculty would be required.

## RECOMMENDATIONS

The Dental Hygiene Program recommends that all of the above needs be met in order to facilitate:

- Expansion of the Dental Materials Laboratory, resulting in increased instructional and storage space.
- Replacement, in a timely manner, of currently obsolete clinical computer and digital radiography equipment.
- Increased budget lines due to increased costs related to repairs and supply purchases.
- A low student-to-faculty ratio, not to exceed 4 students to 1 faculty member.

## RESPONSE TO LAST YEAR'S RECOMMENDATIONS:

- Expansion of dental assisting and dental hygiene **facilities** has not begun.
- Two Magnaclave sterilizers were purchased in 2008.
- One Midmark autoclave was purchased in 2008.
- One Velscope Oral Cancer Screening system was purchased in 2008.
- Two x-ray tube heads were replaced in 2008.
- Student-to-faculty **ratios** have remained at a safe level for student learning and achievement; DEN 131 now needs one additional instructor scheduled during each session.

Fayetteville Technical Community College  
Committee/Subcommittee: Dental

Meeting Minutes  
Date: October 24, 2008

- I. Call to order
  - A. Meeting facilitator Dr. Alan Babigan called the meeting to order.
  - B. The date of the meeting was October 24, 2008, the time was 1:40 PM, and the meeting was held in HTC 111.
- II. Roll call
  - A. The following committee members were present: Dr. Alan Babigan, Dr. Catherine Evans, Dr. Martin Oakes, Dr. Kim Pryzogoda, April Locklear, Ursula Van Ness, Adelailda Williams, Dorothy Goodwin, Melessia Richards Hawkins.
  - B. The following committee members were unable to attend: Dr. Dalton Brooks, Dr. Walter Scott, Marilyn Gilmore, Robbie Williams, Robin Burke, Rosemary Greene, Yolanda Mayer, Michelle Stokes.
  - C. The following guests were present: None.
- III. Approval of minutes from previous meeting
  - A. Committee secretary Lynda Davis distributed the minutes from the previous meeting.
  - B. ☒ The minutes of the previous meeting were approved as read.  
☐ The minutes of the previous meeting were approved as read but with recommended changes (formatting, grammar, punctuation) that do not materially affect the content of the minutes.
  - C. The following content changes to the minutes were recommended:
    1. None
- IV. Old business
  - A. Discussion/update of the following open items occurred:
    1. Program status reports
      - a. Mary Cam Boudreau, Dental Hygiene 1<sup>st</sup> Year Clinical Coordinator: Started with 34 students this fall, 2 have withdrawn before 30% mark, it was not for them. Have 32 students, 1 gentleman. Performance checks on Monday. Class is enthusiastic, but not detail orientated as seen on test scores. Conducted mid-term conferences and met with each student individually. Concerned about this class, this generation was just passed through, they do enough

to just pass by. Conducted study sessions for them and 1 hour after clinic to work with them.

- b. Angela Simmons, Dental Assisting Department Chair:  
Started this class with 42 students, the Friday before the semester started had 1 student drop, so on the first day of class had 41 students. Currently have 37 students, one dropped to work cosmetology. This class has many personal problems, good group of students, one student wants to drop for financial problems, her classes are already paid and so is her DANB ICE exam. Concerned about 1-2 students for grades, one hasn't passed a test yet. Several students with English as a 2<sup>nd</sup> language, one having problems. Faculty staying well past scheduled times to help students with BIO and note taking. 100% pass rate on National Boards last year on all 3 parts. First time at FTCC that 100% of students took National Board and all passed. In December students will be taking ICE (Infection Control Exam) for DANB. All students have paid, waiting on the date for testing. Students will receive a pass/fail on that day, and receive their score later. In April/May they will take the 2<sup>nd</sup> part of the exam, RHS, (Radiation Health Safety). The 3<sup>rd</sup> part of the exam, GC, (General Chairsides) will be taken in the summer. All the exams are inline with our teaching, right after we teach infection control they take ICE, after radiation teaching, they test and etc. Fees are \$150 for ICE, \$150 for RHS and \$175 for GCS exams. Some students cannot afford the fees; Ms. Walker and I have money taken out of our checks each month and help those students out who cannot pay. We have asked for expansion again. We want to add CEREC, to ensure students are trained prior to clinicals. Dentists do not have the time to train students they expect them to already know. More and more dental offices in our area are adding the CEREC. We are also trying Nitrous Oxide certified to program. Our graduates last year took the course and were certified in Nitrous Oxide. We had 100% CDA's graduate in 2008
- c. Susan Ellis, Dental Hygiene Department Chair:  
Melinda Creech is at a community education project with her students at Douglas McArthur, educating them about the dangers of smoking and cannot be here today. DEN 232, Community Dental Health is taught in the Fall and they have been to Mary



McArthur Elementary School, Terry Sanford High School for the special needs students. The students have been volunteering at the Care Clinic, very active in the community and working with Debbi Krueger on their own time. Two weeks ago I received notice that the National Board's last written exam will be March 2009. The students will have to go to Pearson Testing in Raleigh and take the exam electronically. As I said in the last meeting, we no longer get a breakdown on the scores only pass/fail rating. We can no longer compare our scores to other schools statewide nor nationwide. CITA, (State Board) only option for NC, we are in a regional board with Alabama, Mississippi, Kansas and Puerto Rico. 100% pass rate for National Boards for 8 years in a row now, and 100% pass rate for State (CITA), 3 students did not pass on their 1<sup>st</sup> attempt, but passed on their 2<sup>nd</sup> attempt. We cannot help them with patient selection. The test is very expensive, and for 2<sup>nd</sup> attempts it is another \$1,500.00.

- d. Jeanette Herring, Dental Hygiene 2<sup>nd</sup> Year Clinical Coordinator: we have 17 2<sup>nd</sup> year students. We lost 3 students last summer for lack of effort, (they did not do homework). We have met and counseled with the students, they are doing very well academically, but struggling clinically. For some English is a 2<sup>nd</sup> language and there is a barrier in communication, takes them time to process, we have students whose 1<sup>st</sup> language is Chinese, Spanish, and Korean.
- e. Susan Ellis: We have a different group here now, I have been here teaching since and 1993 and Jeanette since 1992 and these students want to do just enough to pass, after requirements are met, they are done, and have a problem with ethics. Lost one 1<sup>st</sup> year student for related courses, she took at another college, the BIO classes on line with labs on line also, and knows no BIO; she needs to retake them to be successful.

B. Discussion/update of the status of the following action items occurred:

- 1. Action item Digital Radiography; the status of this action item is requested for the dental clinic, replaces all tubeheads, cost of \$193,000.00, it is an Eagle Soft system, The clinic computers will be chair mounted with flat screens.
- 2. Action item New A.E.D.; the status of this action item is operational with adult and children cuffs available.

3. Action item VelScope; the status of this action item is in and helps detect oral cancer, cost around \$7,000.00.

V. New business

A. Discussion of the following new business occurred.

1. Introduction of new members.
  - a. Michelle Stokes a high school counselor will help be a liaison between the DA and DH programs, and other HS counselors to promote FTCC dental programs.
2. Dr. James Pilgrim is the Interim Dean of the Health Programs until we get a new Dean hired. Pat Gorum is the new administrative assistant to the dean of health programs.
3. Judge Calabria will be the guest speaker at the Pinning Ceremony.
4. Graduation date may be moved up to May 15<sup>th</sup>, a week earlier.
5. A 4-day workweek is likely for the summer semester only.  
There is leeway for the health programs.

B. Angela Simmons gave an i3D presentation at the end of the meeting, she will be taking classes this spring, Dr. Keen wants the latest in technology for FTCC. This presentation is for DA/DH/Health programs and Biology classes. Shown surface image of human skull, then skin off, then muscle off, could see bones and teeth, able to manipulate the image and rotate the view. Can be viewed on EON VIEW for free, can be added to Black Board to supplement for students.

VI. Next meeting: [date] June 2009; [time] 1:30 PM; [location] HTC 111.

VII. Adjournment – meeting facilitator Dr. Alan Babigan closed the meeting at 2:20 PM.

Minutes prepared by: Lynda Davis