**APR Goal and Outcome—2018-2019**

For descriptions and examples of all APR Goal and Outcome items, please refer to the APR How To Guide—2018-2019

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| **Section I: APR Goal Overview** |

**IA1. Program (Please type in the name of your program)**

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| MATH SCI Dental Hygiene AS Degree & Certificates |

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| **IA2. Other Program**   |  | | --- | |  | | **IB. Program Lead (Your first and last name)**   |  | | --- | | Vickie Kimbrough | |

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| **IC. APR Goal Short Title:**   |  | | --- | | New Clinic Equipment/Facilities | | **ID. APR Goal Status:**  X Continuing from Last Year  ❑ New This Year  ❑ Fast Track |

**IE. Institutional Plan(s) Addressed**

Which Institutional Plan(s) does your goal address? Check all that apply.

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| X Educational Master Plan  X Strategic Action Plan  X Facilities Master Plan  ❑ Integrated Plan  ❑ Guided Pathways Plan | ❑ Technology Master Plan  ❑ Human Resources Plan  ❑ Equal Employment Opportunity Plan  ❑ Other |

If “Other” Please indicate which plan(s).

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**IF. Institutional Plan Goal(s) Addressed**

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| 3.1 Increase the employability of students by developing an integrated system with a central repository that aligns students’ career transferable skills with employment opportunities.  4.1 Increase instructional space utilization efficiency. |

**IG. Measureable Objectives(s)**

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| Build a new 16-chair or fully remodel the dental hygiene clinic to meet the educational standards for current trends in employment.  Add computers to each dental unit/chair that includes patient management/digital x-ray software to follow trends and expectations of employment.  Add a dedicated IT server or ensure dental hygiene patient management and storage of dental radiographic images can be accommodated for at least 7 years.  Add 3 new x-ray units to meet the needs of radiology lab course instruction.  Add one additional digital radiology sensor to meet the needs of instruction in dental radiography lab courses.  Replace outdated sterilization equipment that can no longer be repaired |
| **Section II: APR Goal Measures, Anticipated Outcomes, and Activities** |

**IIA. APR Goal Measure**

Indicate the type of outcome measure you will use to measure this 2018-2019 annual program review goal:

❑ Course Student Learning Outcome (SLO) ❑ Student Achievement Outcome (SAO)

X Program Student Learning Outcome (PSLO) X Program Effectiveness Measures (PEM)

X Institutional Student Learning Outcome (ISLO) ❑ Other outcome measure type (Describe in IVE Comments)

**IIB. APR Goal Anticipated Outcome** (Rubric Criteria 1, 2, 4, 5)

Please briefly describe what outcome you expect to achieve with this particular goal in terms of its impact on student learning, student success, student achievement or the “Goal Measure” you indicated in IIA. Be sure to include a discussion of the evidence used to support your assertion, and the “benchmark” value of the goal outcome.

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| 1. Build a new 16-chair or fully remodel the dental hygiene clinic to meet the educational course objectives and meet standards for current trends in employment.  The current classroom/clinic modular building were established in the early 1990's. Deferred maintenance has not addressed the overall needs of the buildings. Both buildings have a higher rate of use between faculty, students, and public members than other college buildings.  The clinic dental units require replacement, as the lifespan maximizes at 15 to 20 years under high use. The classroom space barely accommodates 20 students. Storage space in both buildings has been maximized for years.  2. Add computers to each dental chair/unit with patient management and digital x-ray software that follows the trends for employment.  Outcomes in clinic and radiology courses focus on preparing graduates fully educated and trained for employment. Current trends in dental hygiene education show computers with patient management software and digital radiography software at each dental unit allowing faculty and students to interact during teaching and learning experiences in patient care. Graduates are not trained in patient management software prior to employment after attaining a license and must be trained by employers.  3. Add one additional digital radiology sensor to meet the needs of instruction in dental radiography lab courses.  Outcomes are focused on meeting the needs for student education during radiology and clinic courses: The program has three digital sensors and requires a fourth sensor in order to meet the instructional needs of radiology lab and patient care clinics. Four x-rays chairs are required and the program prefers to expand the x-ray facilities to six chairs as it better suites the needs for radiology and clinic course instruction.  4. Replace outdated sterilization equipment that can no longer be repaired.  Outcomes are focused on having equipment that meets the high use by students each clinic session and can be repaired at a reasonable cost: Currently, there are two steam sterilizers that require replacement, as parts are no longer available should repairs be required. There is also an instrument washer that is between 7 and 10 years old that requires replacement, as it is now less effective in its function to clean instruments prior to the sterilization process. |

**IIC. APR Goal Activities** (Rubric Criterion 5)

Please briefly describe the activities you intend to implement to achieve this particular goal. Include a timeline of the activities and assessment/evaluation of outcomes.

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| Activities will include  -the continuous request for new dental hygiene facilities that meet the current trends in education and training for employment  - - Active support of bond proposals  - seeking funds/donations through the TC Foundation  - develop non-state revenue streams through continuing education courses and other education opportunities.  Timeline:  Spring 2018 - Initial implementation of accomplished software and equipment  Spring 2019 - replace outdated equipment  Spring 2020 - Review goals and accomplishments - revisit next steps |

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| **Section III: APR Goal and Resource Request** |

**IIIA. Required Resources Category:**

Please indicate the types of resources required to implement the activities for this APR goal.

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| x Personnel: Faculty  x Personnel: Classified  ❑ Personnel: Other  X Technology | ❑ Professional Development  x Facilities  x Equipment or Supplies  ❑ Other (Describe in IVE Comments) |

**IIIB. Required Resources Description**

Please describe any resources you will need to implement the activities associated with this goal. Requested resources should follow from the narrative in IIC above.

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| Technology: The program requires 22 computers with patient management/digital software to meet instructional needs in clinic and radiology courses and that trend employment requirements. All computers would be assigned to 16 clinic chairs and 6 radiology chairs.  Facilities: Dental hygiene requires new classroom and clinic, radiology, and lab facilities after residing in modular building for over 30 years.  Equipment: One (1) Instrument cleaning unit and two steam sterilizers need to be replaced. Sixteen (16) new clinic chairs are required. Six (6) radiology chairs are needed and recycling the clinic chairs is a viable option so as to decrease some expense. Three (3) nitrous oxide-oxygen delivery carts need replacement. |

**IIIC. One Time Start Up Costs:**

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| New Facilities: Estimated 2 million dollars  New equipment for existing clinic: $ 255, 000  New classroom furniture $15,000 |

**IIID. Annual Costs:**

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| $ 1700 in annual software support fees / $2,000 for maintenance and repair of clinic equipment |

**IIIE. Total 5 Year Costs:**

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| $ 15 - 20,000 for technology support; $10,000 - 15,000 for maintenance and repair of clinic equipment |

**IIIF. Proposed Funding Source(s):**

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| **Section IV: APR Goal Additional Information** |

**IVA. Desired Start Date:**

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| Spring 2019 |

**IVB. Expected Completion Date:**

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| Spring 2023 |

**IVC. Is Project Ongoing with No Expected Completion Date?**

❑ Yes

X No

**IVD1. Will Other Divisions or College Areas be Impacted?**

❑ Yes

X No

**IVD2. If Yes, then Describe how Other Divisions or College Areas Would be Impacted:**

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**IVE. Comments:**

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| The dental hygiene program is working to develop outside revenue streams in order to contribute to the costs of equipment and other items identified in annual report. |

**IVF. Prioritization by Program Lead:**

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| 1. Replace aging equipment (x-ray units/ sterilizers/ nitrous carts) 2. Add Intra Oral Camera 3. Add digital sensor 4. Purchase new classroom furniture 5. Replace clinic dental units 6. Add computers to dental units |