**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 Physical Science |

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

|  |  |  |
| --- | --- | --- |
| **IC. APR Goal Short Title:**   |  | | --- | | Full-time Tenure Track Chemistry Professor to Offer More Physical Science Sections | | **ID. APR Goal Status:**  🗹 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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| --- | --- |
| 🗹 Educational Master Plan  🗹 Strategic Action Plan  ❑ 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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| Improve Scorecard Degree Completion by 5%, Increase Retention Rates by 5%, Increase Persistence Rates by 5%, Increase Completion of 30-Unit Momentum Point by 5%, and Develop an Enrollment Management Plan That Meets FTES Targets With Efficient Use of Resources While Providing Equitable Access to Students. |

**IG. Measureable Objectives(s)**

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| Direct measurements can be made of the following: 1. increase in number of Chemistry sections offered, 2. increase in number of FTES enrolled in Chemistry courses, 3. increase in completion rates, 4. decrease in wait list enrollment. |
| **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)

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

❑ 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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| We expect the full-time tenure track chemistry professor to accommodate an additional 144 students in new chemistry sections during the first year. This could translate to an additional 28 FTES the first year. All sections of Introductory Chemistry and first semester General chemistry have perennial high count wait lists. These courses close extremely early in the registration process, and it is not uncommon to get emails from students trying to get on the wait list. According to IR data, in 2017-2018 there were 461 Allied Health majors, 196 Engineering majors, 320 Life Science majors and 54 Physical Science majors totaling 1031 students needing some form of chemistry either directly for their degree, or for course/program admissions prerequisites. We currently have 288 available seats per year in all chemistry courses combined. Students are not getting the chemistry they need in a timely manner!  With an additional full-time Chemistry instructor, we would begin by offering more sections of Introductory Chemistry during the first semester, and then determine the best way to begin offering more General Chemistry in subsequent semesters. Our goal will be a first year increase of 20 FTES, and increase this during the second year. After this we will be able to see if the number of students completing degrees requiring chemistry have increased. |

**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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| Jan 2019 - Submit Goal Form  Jan 2019 - Present Full-time position to Academic Senate  Feb 2019 - Post Full-time Chemistry position opening  February 2019 - Add sections of Introductory Chemistry during Scheduling  April 2019 - Review and Screen Applicants  May 2019 - Select Applicant  August 2019/Jan 2020 - record data of FTES in new Introductory Chemistry sections  continue recording FTES data every semester  May 2020 - record Allied Health, Engineering, Life Science, and Physical Science completion rates  continue recording completion rates every year  Evaluate FTES every semester and compare to previous semesters  Evaluate completion rates and compare to previous years |

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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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| 🗹 Personnel: Faculty  ❑ Personnel: Classified  ❑ Personnel: Other  ❑ Technology | ❑ Professional Development  ❑ Facilities  🗹 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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| Activities are those involved with hiring a new faculty member. This includes the acquisition of applicable office and teaching electronics, as well as annual supply, and student worker budgets. |

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

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| $100,000 |

**IIID. Annual Costs:**

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| $100,000 |

**IIIE. Total 5 Year Costs:**

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| $500,000 |

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

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| --- |
| General Fund |
| **Section IV: APR Goal Additional Information** |

**IVA. Desired Start Date:**

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| --- |
| August 2019 |

**IVB. Expected Completion Date:**

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| Ongoing, see below. |

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

🗹 Yes

❑ No

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

🗹 Yes

❑ No

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

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| --- |
| Without this person we will continue to slow down the rate of completion to degree across campus. |

**IVE. Comments:**

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| Completion of the Science 04 lab conversion is required before this goal can be completed. |

**IVF. Prioritization by Program Lead:**

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| 1 of 1 |