



Palo Alto College Student Success Student Learning Outcome/Service Area Outcome Assessment Plan

DEPARTMENT NAME: Upward Bound Math & Science

Academic Year: 2018-2020

Department Mission: The Palo Alto College TRIO Upward Bound Math & Science program will enable talented first-generation and/or low income high school students interested in math and science, with the skills and motivation necessary to enter and obtain a program of post-secondary education in math and science.

What question are you trying to answer with the outcomes assessment?
Are students ready to enter and successfully complete a post-secondary education within six years of graduating from high school?

Student Learning Outcome (SLO)	PAC Strat. Direction and ILOs*	Means of Assessment	Assessment Timeline	Dissemination/Communication of Results
<p>1. Upward Bound students will demonstrate an understanding of rigorous college preparatory curriculum in order to access admission to post-secondary education with a focus on math and science.</p>	<p>Strategic Direction: 1, 5</p> <p>ILO: 3, 6</p>	<p>U.S. Department of Education Grant Objectives:</p> <ul style="list-style-type: none"> Objective A. Secondary School Persistence-9-11th graders will demonstrate through attendance and participation at Saturday Academic Program, advising/mentoring/ continuing on-time high school graduation plan. Objective B. Secondary School Graduation 12th graders will demonstrate through senior graduation/high school completion. Objective C. Secondary School Graduation (Rigorous Secondary School Program of Study)- demonstrated through student enrollment in Pre AP/Dual Credit/Honors Coursework while enrolled in high school <p>Annual Performance Report Annual Report</p>	<p>September-May</p> <p>6-weeks grading periods</p> <p>March/April</p> <p>November/December</p>	<p>APR</p> <p>Executive Summary Student Success Tactical and E-Team Presentations following submission of APR (February)</p>



Service Area Outcome (SAO)	PAC Strat. Direction and ILOs*	Means of Assessment	Assessment Timeline	Dissemination/ Communication of Results
1. Upward Bound Math & Science students will identify that they are prepared to pursue a post-secondary education by enrolling in the Fall term following their senior year in high school.	Strategic Direction: 1, 5 ILO: 3, 6	Enrollment Verification Forms National Clearinghouse Enrollment Data Banner U.S. Department of Education Grant Objectives <ul style="list-style-type: none"> • Objective D. Postsecondary Enrollment Annual Performance Report Annual Report	Aug/Sept Aug-Oct Nov/Dec January	APR Executive Summary Student Success Tactical and E-Team Presentations following submission of APR (February)

Additional Information/How will you use results to improve services?:

The results will assist in assessing program planning and adjusting advising plans. Results will provide the Upward Bound Math & Science staff an opportunity to review all services to adjust to the needs of individual cohorts.

Training Needed and Timeline:

Annual (throughout Academic Year): U.S. Department of Education Priority Trainings

Monthly (throughout Academic Year): SA TRIO Alliance

September: Council for Opportunity in Education Training

November: Southwestern Association of Student Assistance Programs

March: Texas TRIO Association

April: Texas Association for College Admission Counseling

Tips for Assessment of Outcomes: Who? What? How? When?

1. Identify who will be evaluated and who will be doing the evaluation
2. Identify how the outcomes will be assessed. It is recommended that multiple assessment measures take place
 - a. Examples: Pre/Post Survey; 1 minute evaluation/reflection; Review of Key Performance Indicators (KPIs) such as completion, retention, persistence; Student focus groups



3. Identify when the assessment will occur and identify when the results will be reviewed
4. Develop a timeline for when the results will be communicated to faculty, staff, and students and what communication venues will be used
5. Identify when SLOs/SAOs will be reviewed and changed/updated as needed

*ILOS are [Institutional Learning Outcomes \(General Education Assessment\)](#):

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| 1. Communication Skills | 2. Teamwork |
| 3. Critical Thinking | 4. Social Responsibility |
| 5. Empirical and Quantitative Analysis | 6. Personal Responsibility |

[PAC Strategic Plan](#)

Strategic Direction 1: Empowering Students for Success

Strategic Direction 2: Creating and Sustaining a Culture of Inclusiveness

Strategic Direction 3: Celebrate and Share PAC Excellence

Strategic Direction 4: Targeting Our Resources for Success