Welcome. Dear Chabot Community Member,

Welcome to Fall 2023 Program and Area Review! PAR is on a three-year cycle (Fall 2021 is the comprehensive review and planning year; Fall 2022 and Fall 2023 are annual update years). This is the second "Update Year" in which you will need to reflect on aspects of your own PAR submissions and the overarching campus trends from the Fall 2021 Comprehensive PAR and Fall 2022 Update PAR Years. Please collaborate with your dean/manager to receive feedback before entering your PAR responses here (and for resource requests, enter into Cognito).

Thanks,

The Program and Area Review Committee

*Please remember that Qualtrics is not a collaboration tool and partial responses can get lost. You should only enter your PAR into Qualtrics once you have finished the steps of collaborating with your program/area teammates and/or your Dean/manager and have a final draft.

Is your PAR ready to submit as a final draft?

<u></u>	Yes
\bigcirc	No

Q2. Background Information

03	Name of	f Your Progran	n/Discipline/Area	/Service I	Division	and Organi	zation Unit
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Name of Program, Discipline, Area or Service Math ✔

Division Science and Mathematics ✔

Organizational Unit Academic Services ✔

Q4. If you selected "Not Listed" in the previous question, please enter your Program/Discipline/Area/Service name here

This question was not displayed to the respondent.

Q5. Name(s) of the person or people who contributed to this review:

Ming Ho, Naj Abrao

Q6. Which PAR Template (word template) did you fill out? *Please check this list to make sure that you filled out the correct template. Academic Programs Student/Admin Services/Office of the President Q7. Campus-Wide Issues Q38. Reflections on Annual Priority Progress in Academic Year 2022-23 Context: The Planning and Resource Allocation Committee (PRAC) establishes Annual Planning **Priorities** based on collegewide trends in PAR responses, experiences from grant and categorical fund managers, and issues raised in PRAC. In brief, the planning priorities for 2022-2023 were to: 1) Develop support networks to link students to Pathway Success Team members and services: Expand Chabot's connection to the external community to expand students' access to basic needs support and work-based learning opportunities and careers; and 3) Improve student interfaces (e.g., marketing, website redesign, virtual ways for students to access services). Question: What progress did you see in any of these annual planning priorities? For (1), Engineering/Physics and Math Student Success Team (SST) worked on providing service or revising programs, such as developing Chem Jam, MTH 21 semester-long workshops, IAs embedded in MTH 21 classroom. The part of linking students to SST members were lacking, but that could be because we have MESA to provided more direct interaction with students. There were also MESA faculty mentors. For (3), I guess the new MyPortal is supposed to be part of the effort, but when I log in, I already find it difficult to use. For example, there's a message stating, "Locate the 'Steps to Success' Card in MyPortal," but that card isn't listed on the same page. I would have to go find the card somewhere. The card structure prevented a link to a page of "Steps to Success." Also, the cards are all over the place and are not grouped by audience such as student, employee, and instructor. I can sort the cards myself at least, but why do I have to design my own user interface from scratch? Q39. Question: If you could advise college decision makers how to make better or more efficient progress on any of these annual planning priorities, what would you say?

Q8. **Context:** For 2023-24, PRAC put forward <u>seven recommendations</u> for consideration based on their analysis of the <u>Fall 2022 Program and Area Synthesis Statement</u> and the <u>Mission Critical Priorities</u> in the Ed Master Plan, experiences from grant and categorical fund managers, and the 2022-23 President's College Planning Initiatives.

Question: How important do you believe it is to address the following issues to support Chabot in carrying out our mission? Please drag the response options and order them from most important (1) to least important (7).

Improve student access from application to registration

So	cale successful practices from grants, categorical endeavors, and learning communities
Af	firm and improve program and area review resource requests to reduce inappropriate or duplicate resource requests
Ac	ccess and implement post-pandemic college policies and procedures to respond to the needs of students and employees
Im	prove fluency with business and HR processes
Вι	uild an accountability structure for recommendations that have college-wide scope to ensure continuous improvement
-	Question: If you believe there is an important issue to address to carry out the college mission that is mentioned in the previous list, please describe below (optional).
	Deflections on Cools Established in Fall 0004 DAD
210.	Reflections on Goals Established in Fall 2021 PAR
rogr	Context: In Fall 2021 PAR (the last comprehensive PAR year), after reflecting on data, you established ram/area goals to support continuous program improvement and/or the college mission. This adsheet lists the goals that you first established in Fall 2021 and updated or confirmed in Fall 2022.
-	stion: Keeping in mind, you only have one year left in this PAR cycle to accomplish these goals, please a look at your goals to determine:
\circ	All goals are still relevant and nothing needs to be changed or added.
_	All goals are still relevant, but I would like to add an additional goal. (Please fill in your new goal, so we can update the spreadsheet.)
	Need to design corequisite support for Engineering Calculus (MTH 1) and Business Calculus (MTH 15), in response to AB 1705 opening up those courses to all students.
0	Some goals are relevant and some need to be changed. (Please explain below, so we can update your goals in the spreadsheet.)

goals	Context: You established goals in Fall 2021 and presumably are well underway in working on these . You will be asked to report on the outcomes of these goals in the first year (Fall 2024) of the next brehensive PAR cycle (PARs submitted in Fall 2024-Fall 2026).
Ques	tion: What are the statuses of your program's/area's goals right now?
	All goals are achieved.
	Some goals are achieved and some are in progress.
	All goals are in progress.
	Some goals are in progress and some are not started.
0	No goals are started because (please explain in text box below).
	Context: To assess how well you are doing with respect to meeting your program's/area's goals, you ded and/or updated expected goal outputs and outcomes in your Fall 2021 and Fall 2022 PARs.
might degree Resea asses hybrid asses reque	outs" are direct short-term results like # of students served, workshops held, etc. Longer-term goals also have expected <i>outcomes</i> . "Outcomes" are longer-term results, like course success rates or sees earned. Goals are often measured by whether "outputs" or "outcomes" are achieved. The Office of arch, Planning and Institutional Effectiveness (ORPIE) posts a variety of data for programs/areas to see goal "outcomes": enrollments and success rates, enrollment management, success rates of online vs days face-face-classes, degree and certificate awards, and more. To request additional data for goal essment, please fill out a research request form by Friday September 22, 2023. ORPIE will process ests in the order received. ORPIE will let you know whether they have the requested data and/or how program/area could collect your own.
-	ction: So far, what is going well regarding completing your program's/area's goals? Please include stions on achievement of outputs or outcomes.
	ny faculty are adopting OER in their classes. We have default OER in MTH 21, 22, 55, 204, and at least one faculty has tried OER in all other math sees. Use of OER in calculus courses have increased over the last couple of years!

AB 1705's removal of prerequisite enforcement to calculus courses calls for providing instructional support to students. If best practices like active learning is to be incorporated, we need some funding in order to pay faculty for curricular development that can be shared with all faculty teaching the course. We will need more FTEF allocation in Fa24 to mandate students who are at the lowest band of assessment to take coreq support.
Q14. Student Learning Outcomes (SLOs) and Program Learning Outcomes (PLOs)
<i>Q41.</i> Context: Assessment for SLOs and PLOs happens at varying times of year on a five-year cycle. SLO and PLO assessments are submitted in CurricUNET/META. Please take a look at the <u>SLO Completion</u> Report* and the <u>PLO Completion Report</u> * to answer the questions below. If you have any questions about how to find your prior assessments, please email the co-chairs of Outcomes and Assessment Committee Julie Coan (<u>jcoan@chabotcollege.edu</u>) and Safiyyah Forbes (<u>sforbes@chabotcollege.edu</u>), or the curriculum specialist Meray Aghyarian (<u>maghyarian@Chabotcollege.edu</u>).
Q15. Question: Is the assessment for all SLOs in your program up to date?
Yes
 Almost. We just need to assess SLOs in 1-3 courses. (Please fill in courses due for SLO assessments and the date you plan to complete those.)
 No. We have to assess SLOs in 4 or more courses. (Please fill in courses in need of SLO assessments and the date you plan to complete those.)
Q16. Question: Has your program completed a PLO assessment in the last five years?
Yes

Q37. Question: What are some challenges regarding completing your program's/area's goals? Please include reflections on challenges with producing outputs or outcomes so far.

No. Please explain why and include when you will complete the updated PLO assessment.
Q17. Context: Chabot strives to continually improve how we serve students and the community (assessment and continuous improvement are also requirements for accreditation). In your SLO assessments in CurricUNET/META, you are asked: "Based on assessment results, what actions might your discipline take to improve student learning?" Similarly, in the prior PLO assessments you were asked to describe "recommended changes/actions," and in the updated PLO assessments you are asked, "What are you planning to start doing, stop doing or change in order to continuously improve your program?" In the comprehensive PAR year (not this update year), you will be asked to report back on how your actions to improve SLOs and PLOs impacted student learning. In this update year, we are simply reminding you that your actions and plans to improve student learning, based on SLO/PLO assessment results, should be underway.
If you want to see how you responded to these SLO/PLO continuous improvement questions: • Go to the <u>SLO Completion Report</u> and the <u>PLO Completion Report</u> . • Look up your program by division, subject, and program name. There will be a hyperlinked "x" in the column for the year in which you submitted your SLO/PLO assessments. • Click on the "x" and you can look up what you submitted as plans for SLO and PLO continual improvements (i.e., your responses to the questions on actions to improve student learning and continuously improve your program).
If you have any questions about how to find your prior assessments, please email the curriculum specialist Meray Aghyarian (maghyarian@chabotcollege.edu).
Question: Please check one of the following boxes to describe how your discipline is doing with regards to plans/actions for improving student learning based on SLO/PLO assessment data.
Great! We have made significant progress in implementing our plans to improve student learning and our program.
○ Good. We have started some actions, but we still have work to do.
Not so good. We haven't started yet. Please fill in your plans to address below. (Example fictitious response: "Based on our SLO assessment in Fall 2021, we decided we wanted to build lessons specifically geared towards boosting students' scientific writing skills. But with Covid-19 hitting and having to constantly pivot with online and face-to-face modalities, we just haven't had time to work on the lesson plan. In our discipline meeting this December, we will invite all full-time faculty, part-time faculty and our Dean and we will put together a team to work on the lesson plan.")
Need to pay faculty to work on supporting coreq to calculus courses in response to AB 1705. Example activities could include incorporating active learning, standards-based grading, and identifying remediation resources to prerequisite skills needed in calculus, depending on interest and bandwidth. We applied for the NLET COREQ Initiative provided by CCCCO as part of the AB 1705 funding.

Q19. **Context:** At least two Service Area Outcomes (SAOs) should be assessed once every five years. Please take a look at the SAO 2022 Assessment Update Spreadsheet to answer the following.

Ouestion: Please check the statement that best describes your program's/area's SAO assessments.

This question was not displayed to the respondent.

Q20. From Goals and SLO/PLO/SAO Continuous Improvement Plans to Resource Requests

Q21. Context: The basis for Chabot's resource allocation process is grounded in reflections on: 1) PAR goals, 2) plans for improving student learning that are grounded in SLO and PLO assessment results, and 3) SAO assessment results. Please consider what augmentations or new resources might be needed to achieve: 1) your PAR goals, 2) plans to improve student learning, and/or 3) reach SAOs.

Question: Which of your PAR goals, plans for improving student learning, and/or plans for reaching SAOs will need augmented or new resources?

**Note you will still need to enter resource requests into Cognito after submitting your PAR on Qualtrics.

(You might have seen this response in the previous question, which was pasted incorrectly.) Need to pay faculty to work on supporting coreq to calculus courses in response to AB 1705. Example activities could include incorporating active learning, standards-based grading, and identifying remediation resources to prerequisite skills needed in calculus, depending on interest and bandwidth. We applied for the NLET COREQ Initiative provided by CCCCO as part of the AB 1705 funding.

Q22. Optional: Campus-wide Reflection on Current Issues

This optional section of the update-year PAR contains question(s) on current issues impacting our campus.

Q40. **Question:** Though slowly improving, Chabot's enrollment is far from reaching pre-COVID-pandemic levels. This impacts our funding. What are your thoughts on how we should respond? (e.g., ensuring smooth process for students from application to enrollment, mass retention campaign, mass marketing, planning for a smaller college, providing in-person/hybrid/hyflex course instruction and service delivery, other?)

Online learning might be popular with students, but cheating in math classes has been a problem. It really ends up hurting the students when they cannot make progress in subsequent courses. I've seen students who can't take simple derivatives in second-semester calculus and who can't solve a simple system of linear equation in two variable in a linear algebra class. We need a Testing Center on campus to proctor exams for online classes and/or have more intrusive online proctoring protocols.

Q43. **Question:** As you know, President Cooks assumed the role of Chabot's 10th College President on August 1, 2023. If your program/area could tell President Cooks one thing he needs to know about your program/area, what would it be?

Many students in the STEM pathway are seeking pretransfer level math courses despite our every genuine effort to start them at transfer level and to provide support.

Q24. Thank you for completing the annual update questions for the Fall 2023 PAR! **But WAIT!! You might not be quite done yet...**

Resource Requests: Have you completed all your resource requests? If not, go to the <u>Resource Requests</u> Form to add or update requests for: contracts and services, equipment; facilities; human resources; professional development, travel and conferences; supplies and software; or technology.

