Program Review Peer Review

Program/Division/Area Name:	Math, Science, and Engineering
Date:	3/12/2021

On behalf of the Program Review Committee (PRC), we thank you for your time and effort in completing the Comprehensive Program Review this year and for your ongoing efforts to continuously improve AVC's programs and services for our students. Your program review allows the rest of AVC to better understand your efforts and how they support the college mission, vision, EMP and other goals.

Program Review Committee Feedback

Program Review Report Section	*Exemplary:* Reflects a clear and thorough report that presents a well-documented review of the program.	*Adequate:* The self-study adequately presents program information for each section e.g. analysis of data; narrative information is provided regarding goals/objectives, planning, and recommendations relating to the analysis and use of data, institutional learning outcomes, and mission.	*Improvement Needed:* One or more sections of the report are lacking and/or contain some inaccuracies. The report must be revised and resubmitted in order to meet the requirements of the program review process. Complete/revise Part(s) mentioned in the Comments Section.	*Comments:*
Program Overview, Overall	☐	X	☐	A very thorough discussion of each area and most disciplines analyzed student success data and linked it to resource requests**.**
1.1.Program's contribution to the District Mission	X		☐	Each area contributes to the college mission and prepares students for transfer/careers.

1.2.Program highlights	X	☐	☐	Through focused analysis and thoughtful goals, the Division has produced successful and high achieving students.
2.A. Results of environmental scan information for program	☐	X	☐	Please see comments at the end, specific to each area.
2.B. Analysis of program review data	☐	X	☐	Please see comments at the end, specific to each area.
2.C. Progress towards SLO/PLO/OO Action Plans	☐	X	X	Please see comments at the end, specific to each area.
2.D. Progress towards past program review goals	☐	X	☐	Please see comments at the end, specific to each area.
3. 2020-2021 Planning: Division/Program/Area Goals	X	☐	☐	Please see comments at the end, specific to each area.
4. Resource Requests that Support Program Needs	☐	X	☐	Please see comments at the end, specific to each area.

COMMENTS:
Overall, this is a thoughtful Program Review that highlights the significant contribution of the division to the AVC community. The division has goals focused on programmatic improvement and student success.

Additional Comments by Discipline:

AGRI: Well done. In Parts 2C & 2D, the comments are vague. Each Action Plan (2C) or Goal (2D) should be listed and specific comments toward progress should be provided.

ASTR: Well done. In Part 3, the goals should be re-worded to be student-oriented goals, rather than resource requests.

BIOL: Well done. In Part 2C, the Action Plans should be concisely listed and specific comments toward progress should be provided. In Part 4, each resource request should be supported by a goal in Part 3. For example, the request for faculty does not appear to be connected to a current goal.

CHEM: Well done. In Part 2C, the Action Plans should be concisely listed and specific comments toward progress should be provided. In Part 4, each resource request should be supported by a goal in Part 3.

CIS: Needs improvement. CIS is no longer part of the Business and Computer Studies Department so Part 1.1 & 1.2 should be updated accordingly. Part 2A should include advisory committee recommendations. In Part 2B, SWOT analysis could be strengthened by utilizing data. In Part 2C, the Action Plans should be concisely listed and specific comments toward progress should be provided. In Part 3, the goals should be re-worded to be a student-oriented goals, rather than resource requests. Also, each goal should reference a(n) ILO/PLO/SLO/OO. In Part 5, it is required to insert Program Review data and any other supporting data.

ENGR: Well done. The data in Part 1.1 may be better in Part 2B or in Part 5. In Part 2B, SWOT analysis could be strengthened by utilizing more data.

GEOL / GEOG / ERSC: Well done. In Part 4, each resource request should be supported by a goal in Part 3. For example, the request for supplies does not appear to be connected to a current goal. In Part 5, multiple Program Review data pages may need to be inserted to cover multiple disciplines and provide the data to support the report.

MATH: Well done. In Part 2C, the Action Plans should be concisely listed and specific comments toward progress should be provided. In Part 4, each resource request should be supported by a goal in Part 3. For example, the request for faculty does not appear to be connected to a current goal.

PSCI: Well done. Part 2C should include comments about progress made on Action Plans, not SLO data findings. Meeting SLO achievement targets does not mean that Action Plans aren't needed. In Part 4, each resource request should be supported by a goal in Part 3. Faculty may need to consider additional Goals in Part 3 to support the needs of the program.

PHYS: Well done. In Part 3 Goals, each goal should be logically numbered and concise description of the goal should be provided, along with specific steps to achieve the goal. It appears the writer is providing an update on past goals possibly, which would belong in Part 2D. The goals should be re-worded to be student-oriented goals, list specific step to be taken. In Part 4, each resource request should be supported by a goal in Part 3.

WDTO: Needs improvement. Part 1.2 must be completed. In Part 2B, SWOT analysis could be strengthened by utilizing data. Part 2C should include comments about progress made on Action Plans, not SLO data findings. Meeting SLO achievement targets does not mean that Action Plans aren't needed. Part 2D must be completed. In Part 4, each resource request should be supported by a goal in Part 3. For example, the request for faculty does not appear to be connected to a current goal.