Program Review 2024 Peer Review Feedback (Instructional)

On behalf of the Program Review Committee, we thank you for your time and effort in completing your Program Review report 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 overall.

Department/Area/Division Name: Mathematics, Sciences & Engineering / Astronomy (ASTR)

Peer Reviewed By: Reina Burgos and Annamarie Perez

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☒ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☐ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments:* ☐ *REVISION REQUIRED*

Part 2A. Analyze the program review data	**Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:**
	• **Strengths and Accomplishments:** Guiding Questions
	  ○ What does your program/area do well, including capabilities and greatest accomplishments?
	  ○ What are the practices that were implemented to increase success and retention rates or program awards?
	• **Opportunities and Challenges**: Guiding Questions
	  ○ What does your program/area need to do better to support/improve student success?
	  ○ What actions can be taken to help close equity gaps?
	• **Aspirations**: Guiding Questions:
	  ○ What does your program/area want to be known for?
	  ○ What is a desired future?
	
	☒ **Exemplary:** Thoughtful analysis of program review data and any internal/external environmental scan information is included, with a thorough answer to each guiding question regarding Strengths, Opportunities & Aspirations.
	☐ **Adequate:** Narrative information is provided regarding program review data and any internal/external environmental scan information, but is lacking analysis of data and/or does not fully address each guiding question regarding Strengths, Opportunities & Aspirations. The section could be strengthened with more data and analysis.

☐ **Improvement Needed**: No response or response provided does not analyze program review data and any internal/external environmental scan information and/or does not address each guiding question regarding Strengths, Opportunities & Aspirations.

Comments:.

☐ *REVISION REQUIRED*

Part 2B.
Required for CTE

(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data

☐ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided.
☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant.
☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data.
☒ **N/A**: Not applicable for non-CTE areas

Comments:

☐ *REVISION REQUIRED*

2C.
Progress towards Course Improvement Plans

Review and comment on progress toward past Course Improvement Plans.
(List your past CIPs and progress towards those goals.)

☒ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans.
☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear.
☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made.

Comments:

☐ *REVISION REQUIRED*

2D.
Progress towards past program review goals

Review and comment on progress towards past program review goals.
(List your past program review goals and progress towards those goals.)

☒ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals.
☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear.
☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made.

Comments:

☐ *REVISION REQUIRED*

3. Program Review Goals	**Based on Part 2 above, please list program/area goals for 2024-2025.** ☒ **Exemplary**: Each goal is connected to an ILO/PLO/SLO/OO and ESP Goal. The goals are student-centered and are connected to the analysis in Part 2 above. Steps to be taken to achieve the goals are delineated, as well as the measure of success for each. ☐ **Adequate**: Goals are formed, and each is connected to an ILO/PLO/SLO/OO and ESP Goal, but not all goals are clearly connected to analysis in Part 2 and/or are not student-centered. Steps to be taken to achieve the goal and the measure of success are provided for each, but may be unclear or hard to understand. ☐ **Improvement Needed:** No response or goals listed are not connected to an ILO/PLO/SLO/OO and ESP Goal. Goals listed are actually resource requests, rather student-centered goals. Steps to be taken to achieve the goal and the measure of success are unclear or not provided. *Comments:* ☐ *REVISION REQUIRED*
4. Resource Requests that Support Program Needs	**Resource Requests that Support Program Needs (based on above analysis)** ☒ **Exemplary**: Each resource request entered is clearly connected to and supports a goal from Part 3. Each resource request is entered on the Program Review document. ☐ **Adequate**: Resource requests have been entered, but not all are clearly connected to goals from Part 3. Each resource request is entered on the Program Review document. ☐ **Improvement Needed**: No response or resource requests do not relate to goals from Part 3. ☐ **N/A**: No response because additional resources are not needed at this time and/or funding for resources exists from another source. *Comments:* ☐ *REVISION REQUIRED*

5.
 	
Program Review Data
	Insert your Program Review Data here, as well as any other supporting data.
	Required:
	   • Success & Retention tab
	   • Program Awards tab
	Optional:
	   • Other supporting data/information
	
	☒ **Exemplary**: Program Review Data and other supporting data (if applicable) is inserted, and is understandable and relevant to the report.
	☐ **Adequate**: Program Review Data and other supporting data (if applicable) is inserted, but is difficult to understand and/or may not be clearly relevant to the report.
	☐ **Improvement Needed:** No data is provided, or data provided is unreadable or does not support the report.
	
	Comments:
	
	☐ *REVISION REQUIRED*

Additional Comments: The Astronomy program's commitment to student success is evident in its thoughtful curriculum adjustments, assessment improvements, and dedication to enhancing instructional resources. The integration of the Virtual Science Lab for both student learning and outreach is particularly impressive, as it strengthens engagement and broadens educational impact. Additionally, the program's focus on conceptual understanding and ongoing efforts to refine lab materials and upgrade equipment demonstrate a forward-thinking approach to STEM education. This is a well-structured and meaningful review that highlights both accomplishments and areas for continued growth.

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Department/Area/Division Name: Mathematics, Sciences & Engineering / Biological Sciences

Peer Reviewed By: Reina Burgos and Annamarie Perez

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☒ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☐ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments:* ☐ *REVISION REQUIRED*

Part 2A.
Analyze the program review data
	Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:
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	   o What does your program/area do well, including capabilities and greatest accomplishments?
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	• **Opportunities and Challenges**: Guiding Questions
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	   o What does your program/area want to be known for?
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	☒ **Exemplary:** Thoughtful analysis of program review data and any internal/external environmental scan information is included, with a thorough answer to each guiding question regarding Strengths, Opportunities & Aspirations.
	☐ **Adequate:** Narrative information is provided regarding program review data and any internal/external environmental scan information, but is lacking analysis of data and/or does not fully address each guiding question regarding Strengths, Opportunities & Aspirations. The section could be strengthened with more data and analysis.
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	Comments: ☐ *REVISION REQUIRED*
Part 2B. Required for CTE	**(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data** ☐ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided. ☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant. ☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data. ☒ **N/A**: Not applicable for non-CTE areas *Comments:* ☐ *REVISION REQUIRED*
2C. Progress towards Course Improvement Plans	**Review and comment on progress toward past Course Improvement Plans.** (List your past CIPs and progress towards those goals.) ☒ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans. ☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
2D. Progress towards past program review goals	**Review and comment on progress towards past program review goals.** (List your past program review goals and progress towards those goals.) ☒ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals. ☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
3. Program Review Goals	**Based on Part 2 above, please list program/area goals for 2024-2025.** ☒ **Exemplary**: Each goal is connected to an ILO/PLO/SLO/OO and ESP Goal. The goals are student-centered and are connected to the analysis in Part 2 above. Steps to be taken to achieve the goals are delineated, as well as the measure of success for each.

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4. Resource Requests that Support Program Needs	**Resource Requests that Support Program Needs (based on above analysis)** ☒ **Exemplary**: Each resource request entered is clearly connected to and supports a goal from Part 3. Each resource request is entered on the Program Review document. ☐ **Adequate**: Resource requests have been entered, but not all are clearly connected to goals from Part 3. Each resource request is entered on the Program Review document. ☐ **Improvement Needed**: No response or resource requests do not relate to goals from Part 3. ☐ **N/A**: No response because additional resources are not needed at this time and/or funding for resources exists from another source. *Comments:* ☐ *REVISION REQUIRED*
5. Program Review Data	**Insert your Program Review Data here, as well as any other supporting data.** Required: • Success & Retention tab • Program Awards tab Optional: • Other supporting data/information ☒ **Exemplary**: Program Review Data and other supporting data (if applicable) is inserted, and is understandable and relevant to the report. ☐ **Adequate**: Program Review Data and other supporting data (if applicable) is inserted, but is difficult to understand and/or may not be clearly relevant to the report. ☐ **Improvement Needed:** No data is provided, or data provided is unreadable or does not support the report. *Comments:* ☐ *REVISION REQUIRED*

Additional Comments The program's expansion of undergraduate research, emphasis on inquiry-based instruction, and steady increase in success rates—particularly among historically underrepresented student groups—are commendable. Efforts to improve instructional methodology,

increase enrollment pathways, and secure updated lab resources further highlight the program's dedication to growth and innovation. This thorough and well-structured review reflects a proactive approach to student engagement and STEM education.

Program Review 2024 Peer Review Feedback (Instructional)

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Department/Area/Division Name: Reina Burgos and Annamarie Perez

Peer Reviewed By: Mathematics, Sciences & Engineering / Chemistry (CHEM)

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☒ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☐ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments:* ☐ *REVISION REQUIRED*

Part 2A.
Analyze the program review data
	Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:
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	Comments: ☐ *REVISION REQUIRED*
Part 2B. Required for CTE	**(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data** ☐ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided. ☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant. ☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data. ☒ **N/A**: Not applicable for non-CTE areas *Comments:* ☐ *REVISION REQUIRED*
2C. Progress towards Course Improvement Plans	**Review and comment on progress toward past Course Improvement Plans.** (List your past CIPs and progress towards those goals.) ☒ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans. ☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
2D. Progress towards past program review goals	**Review and comment on progress towards past program review goals.** (List your past program review goals and progress towards those goals.) ☒ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals. ☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
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	Comments:
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Additional Comments:

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Department/Area/Division Name: Mathematics, Sciences & Engineering / Computer Science (CS)

Peer Reviewed By: Reina Burgos and Annamarie Perez

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☐ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☒ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments: While Part 1 provides a wealth of detail, it lacks a definitive link to the district's mission.* ☒ *REVISION REQUIRED*
Part 2A. Analyze the program review data	**Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:** • **Strengths and Accomplishments:** Guiding Questions ○ What does your program/area do well, including capabilities and greatest accomplishments? ○ What are the practices that were implemented to increase success and retention rates or program awards? • **Opportunities and Challenges**: Guiding Questions ○ What does your program/area need to do better to support/improve student success? ○ What actions can be taken to help close equity gaps? • **Aspirations**: Guiding Questions: ○ What does your program/area want to be known for? ○ What is a desired future? ☒ **Exemplary:** Thoughtful analysis of program review data and any internal/external environmental scan information is included, with a thorough answer to each guiding question regarding Strengths, Opportunities & Aspirations. ☐ **Adequate:** Narrative information is provided regarding program review data and any internal/external environmental scan information, but is lacking analysis of data and/or does not fully address each guiding question regarding Strengths, Opportunities & Aspirations. The section could be strengthened with more data and analysis. ☐ **Improvement Needed**: No response or response provided does not analyze program review data and any internal/external environmental scan information and/or does not address each guiding question regarding Strengths, Opportunities & Aspirations.

	Comments: ☐ *REVISION REQUIRED*
Part 2B. Required for CTE	**(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data** ☒ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided. ☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant. ☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data. ☐ **N/A**: Not applicable for non-CTE areas *Comments:* ☐ *REVISION REQUIRED*
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Additional Comments:

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Department/Area/Division Name: Mathematics, Sciences & Engineering / Engineering (ENGR)

Peer Reviewed By: Reina Burgos and Annamarie Perez

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2C. Progress towards Course Improvement Plans	**Review and comment on progress toward past Course Improvement Plans.** (List your past CIPs and progress towards those goals.) ☒ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans. ☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made. *Comments: I would want to see the chart completed...Nevertheless, it was well articulated in the above the chart.* ☐ *REVISION REQUIRED*
2D. Progress towards past program review goals	**Review and comment on progress towards past program review goals.** (List your past program review goals and progress towards those goals.) ☒ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals. ☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*

3. Program Review Goals	**Based on Part 2 above, please list program/area goals for 2024-2025.** ☐ **Exemplary**: Each goal is connected to an ILO/PLO/SLO/OO and ESP Goal. The goals are student-centered and are connected to the analysis in Part 2 above. Steps to be taken to achieve the goals are delineated, as well as the measure of success for each. ☒ **Adequate**: Goals are formed, and each is connected to an ILO/PLO/SLO/OO and ESP Goal, but not all goals are clearly connected to analysis in Part 2 and/or are not student-centered. Steps to be taken to achieve the goal and the measure of success are provided for each, but may be unclear or hard to understand. ☐ **Improvement Needed:** No response or goals listed are not connected to an ILO/PLO/SLO/OO and ESP Goal. Goals listed are actually resource requests, rather student-centered goals. Steps to be taken to achieve the goal and the measure of success are unclear or not provided. *Comments: GOALS: To increase student retention…, to improve student success…, to increase student success…* ☐ *REVISION REQUIRED*
4. Resource Requests that Support Program Needs	**Resource Requests that Support Program Needs (based on above analysis)** ☒ **Exemplary**: Each resource request entered is clearly connected to and supports a goal from Part 3. Each resource request is entered on the Program Review document. ☐ **Adequate**: Resource requests have been entered, but not all are clearly connected to goals from Part 3. Each resource request is entered on the Program Review document. ☐ **Improvement Needed**: No response or resource requests do not relate to goals from Part 3. ☐ **N/A**: No response because additional resources are not needed at this time and/or funding for resources exists from another source. *Comments:* ☐ *REVISION REQUIRED*

5.
 	
Program Review Data
	Insert your Program Review Data here, as well as any other supporting data.
	Required:
	   • Success & Retention tab
	   • Program Awards tab
	Optional:
	   • Other supporting data/information
	
	☒ **Exemplary**: Program Review Data and other supporting data (if applicable) is inserted, and is understandable and relevant to the report.
	☐ **Adequate**: Program Review Data and other supporting data (if applicable) is inserted, but is difficult to understand and/or may not be clearly relevant to the report.
	☐ **Improvement Needed:** No data is provided, or data provided is unreadable or does not support the report.
	
	Comments:
	
	☐ *REVISION REQUIRED*

Additional Comments: The program's focus on transfer pathways and workforce preparation aligns well with the district mission. Moving forward, targeted efforts to support female and Black students' success rates present an opportunity for continued equity and growth. This is a well-structured and insightful program review.

Program Review 2024 Peer Review Feedback (Instructional)

On behalf of the Program Review Committee, we thank you for your time and effort in completing your Program Review report 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 overall.

Department/Area/Division Name: Mathematics, Sciences & Engineering (GEOG Geography GEOL Geology ERSC Earth Sciences)

Peer Reviewed By: Annamarie Perez and Reina Burgos

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☐ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☒ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments:* ☐ *REVISION REQUIRED*
Part 2A. Analyze the program review data	**Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:** • **Strengths and Accomplishments:** Guiding Questions 　○ What does your program/area do well, including capabilities and greatest accomplishments? 　○ What are the practices that were implemented to increase success and retention rates or program awards? • **Opportunities and Challenges**: Guiding Questions 　○ What does your program/area need to do better to support/improve student success? 　○ What actions can be taken to help close equity gaps? • **Aspirations**: Guiding Questions: 　○ What does your program/area want to be known for? 　○ What is a desired future? ☒ **Exemplary:** Thoughtful analysis of program review data and any internal/external environmental scan information is included, with a thorough answer to each guiding question regarding Strengths, Opportunities & Aspirations. ☐ **Adequate:** Narrative information is provided regarding program review data and any internal/external environmental scan information, but is lacking analysis of data and/or does not fully address each guiding question regarding Strengths, Opportunities & Aspirations. The section could be strengthened with more data and analysis. ☐ **Improvement Needed**: No response or response provided does not analyze program review data and any internal/external environmental scan information and/or does not address each guiding question regarding Strengths, Opportunities & Aspirations.

	Comments: The Geosciences Department's program review report provides a thorough and well-documented analysis of program strengths, challenges, and opportunities for growth. The report demonstrates a deep engagement with data, offering specific details on student success and retention trends, faculty and resource limitations, and the impact of instructional methods. ☐ *REVISION REQUIRED*
Part 2B. Required for CTE	**(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data** ☐ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided. ☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant. ☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data. ☒ **N/A**: Not applicable for non-CTE areas *Comments:* ☐ *REVISION REQUIRED*
2C. Progress towards Course Improvement Plans	**Review and comment on progress toward past Course Improvement Plans.** (List your past CIPs and progress towards those goals.) ☒ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans. ☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
2D. Progress towards past program review goals	**Review and comment on progress towards past program review goals.** (List your past program review goals and progress towards those goals.) ☒ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals. ☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*

3. Program Review Goals	**Based on Part 2 above, please list program/area goals for 2024-2025.** ☒**Exemplary**: Each goal is connected to an ILO/PLO/SLO/OO and ESP Goal. The goals are student-centered and are connected to the analysis in Part 2 above. Steps to be taken to achieve the goals are delineated, as well as the measure of success for each. ☐ **Adequate**: Goals are formed, and each is connected to an ILO/PLO/SLO/OO and ESP Goal, but not all goals are clearly connected to analysis in Part 2 and/or are not student-centered. Steps to be taken to achieve the goal and the measure of success are provided for each, but may be unclear or hard to understand. ☐ **Improvement Needed:** No response or goals listed are not connected to an ILO/PLO/SLO/OO and ESP Goal. Goals listed are actually resource requests, rather student-centered goals. Steps to be taken to achieve the goal and the measure of success are unclear or not provided. *Comments:* ☐ *REVISION REQUIRED*
4. Resource Requests that Support Program Needs	**Resource Requests that Support Program Needs (based on above analysis)** ☒**Exemplary**: Each resource request entered is clearly connected to and supports a goal from Part 3. Each resource request is entered on the Program Review document. ☐ **Adequate**: Resource requests have been entered, but not all are clearly connected to goals from Part 3. Each resource request is entered on the Program Review document. ☐ **Improvement Needed**: No response or resource requests do not relate to goals from Part 3. ☐ **N/A**: No response because additional resources are not needed at this time and/or funding for resources exists from another source. *Comments:* ☐ *REVISION REQUIRED*

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	   • Success & Retention tab
	   • Program Awards tab
	Optional:
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	Comments:
	 ☐ *REVISION REQUIRED*

Additional Comments: The Geosciences Department continues to make significant strides in student success, retention, and accessibility through innovative course offerings and a commitment to reducing economic barriers. The expansion of online asynchronous courses, increased GIS program outreach, and focus on hands-on, inquiry-based lab experiences reflect a strong dedication to student engagement and career preparation. However, ongoing faculty shortages, outdated technology, and inconsistent course availability pose challenges to sustained growth and student success. Addressing these concerns—particularly by hiring additional faculty and ensuring access to updated instructional materials—will be crucial for the department's continued progress. This is a thorough and well-articulated program review that highlights both achievements and key areas for improvement.

Program Review 2024 Peer Review Feedback (Instructional)

On behalf of the Program Review Committee, we thank you for your time and effort in completing your Program Review report 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 overall.

Department/Area/Division Name: Mathematics, Sciences & Engineering / Math

Peer Reviewed By: Reina Burgos and Annamarie Perez

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☒ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☐ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments:* ☐ *REVISION REQUIRED*

Part 2A.
Analyze the program review data
	Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:
	• **Strengths and Accomplishments:** Guiding Questions
	   o What does your program/area do well, including capabilities and greatest accomplishments?
	   o What are the practices that were implemented to increase success and retention rates or program awards?
	• **Opportunities and Challenges**: Guiding Questions
	   o What does your program/area need to do better to support/improve student success?
	   o What actions can be taken to help close equity gaps?
	• **Aspirations**: Guiding Questions:
	   o What does your program/area want to be known for?
	   o What is a desired future?
	
	☒ **Exemplary:** Thoughtful analysis of program review data and any internal/external environmental scan information is included, with a thorough answer to each guiding question regarding Strengths, Opportunities & Aspirations.
	☐ **Adequate:** Narrative information is provided regarding program review data and any internal/external environmental scan information, but is lacking analysis of data and/or does not fully address each guiding question regarding Strengths, Opportunities & Aspirations. The section could be strengthened with more data and analysis.
	☐ **Improvement Needed**: No response or response provided does not analyze program review data and any internal/external environmental scan information and/or does not address each guiding question regarding Strengths, Opportunities & Aspirations.

	Comments:
	☐ *REVISION REQUIRED*

Part 2B. Required for CTE	**(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data**
	☐ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided. ☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant. ☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data. ☒ **N/A**: Not applicable for non-CTE areas *Comments:* ☐ *REVISION REQUIRED*

2C. Progress towards Course Improvement Plans	**Review and comment on progress toward past Course Improvement Plans.** (List your past CIPs and progress towards those goals.)
	☒ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans. ☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*

2D. Progress towards past program review goals	**Review and comment on progress towards past program review goals.** (List your past program review goals and progress towards those goals.)
	☒ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals. ☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*

3. Program Review Goals	**Based on Part 2 above, please list program/area goals for 2024-2025.**
	☒ **Exemplary**: Each goal is connected to an ILO/PLO/SLO/OO and ESP Goal. The goals are student-centered and are connected to the analysis in Part 2 above. Steps to be taken to achieve the goals are delineated, as well as the measure of success for each.

	☐ **Adequate**: Goals are formed, and each is connected to an ILO/PLO/SLO/OO and ESP Goal, but not all goals are clearly connected to analysis in Part 2 and/or are not student-centered. Steps to be taken to achieve the goal and the measure of success are provided for each, but may be unclear or hard to understand. ☐ **Improvement Needed:** No response or goals listed are not connected to an ILO/PLO/SLO/OO and ESP Goal. Goals listed are actually resource requests, rather student-centered goals. Steps to be taken to achieve the goal and the measure of success are unclear or not provided. *Comments:* ☐ *REVISION REQUIRED*
4. Resource Requests that Support Program Needs	**Resource Requests that Support Program Needs (based on above analysis)** ☒ **Exemplary**: Each resource request entered is clearly connected to and supports a goal from Part 3. Each resource request is entered on the Program Review document. ☐ **Adequate**: Resource requests have been entered, but not all are clearly connected to goals from Part 3. Each resource request is entered on the Program Review document. ☐ **Improvement Needed**: No response or resource requests do not relate to goals from Part 3. ☐ **N/A**: No response because additional resources are not needed at this time and/or funding for resources exists from another source. *Comments:* ☐ *REVISION REQUIRED*

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	Comments:
	
	☐ *REVISION REQUIRED*

Additional Comments The report provides strong data analysis, highlighting increased retention and success rates across most demographic groups, despite ongoing challenges related to student preparedness, enrollment trends, and success gaps among African American students.

Program Review 2024 Peer Review Feedback (Instructional)

On behalf of the Program Review Committee, we thank you for your time and effort in completing your Program Review report 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 overall.

Department/Area/Division Name: **Mathematics, Sciences & Engineering / Physical Science (PSCI)**

Peer Reviewed By: Reina Burgos and Annamarie Perez

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☐ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☒ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments:* ☐ *REVISION REQUIRED*

Part 2A.
Analyze the program review data
	Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:
	• **Strengths and Accomplishments:** Guiding Questions
	   o What does your program/area do well, including capabilities and greatest accomplishments?
	   o What are the practices that were implemented to increase success and retention rates or program awards?
	• **Opportunities and Challenges**: Guiding Questions
	   o What does your program/area need to do better to support/improve student success?
	   o What actions can be taken to help close equity gaps?
	• **Aspirations**: Guiding Questions:
	   o What does your program/area want to be known for?
	   o What is a desired future?
	
	☒ **Exemplary:** Thoughtful analysis of program review data and any internal/external environmental scan information is included, with a thorough answer to each guiding question regarding Strengths, Opportunities & Aspirations.
	☐ **Adequate:** Narrative information is provided regarding program review data and any internal/external environmental scan information, but is lacking analysis of data and/or does not fully address each guiding question regarding Strengths, Opportunities & Aspirations. The section could be strengthened with more data and analysis.
	☐ **Improvement Needed**: No response or response provided does not analyze program review data and any internal/external environmental scan information and/or does not address each guiding question regarding Strengths, Opportunities & Aspirations.

	Comments: ☐ *REVISION REQUIRED*
Part 2B. Required for CTE	**(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data** ☐ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided. ☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant. ☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data. ☒ **N/A**: Not applicable for non-CTE areas *Comments:* ☐ *REVISION REQUIRED*
2C. Progress towards Course Improvement Plans	**Review and comment on progress toward past Course Improvement Plans.** (List your past CIPs and progress towards those goals.) ☒ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans. ☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
2D. Progress towards past program review goals	**Review and comment on progress towards past program review goals.** (List your past program review goals and progress towards those goals.) ☒ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals. ☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
3. Program Review Goals	**Based on Part 2 above, please list program/area goals for 2024-2025.** ☒ **Exemplary**: Each goal is connected to an ILO/PLO/SLO/OO and ESP Goal. The goals are student-centered and are connected to the analysis in Part 2 above. Steps to be taken to achieve the goals are delineated, as well as the measure of success for each.

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☐ **Improvement Needed:** No response or goals listed are not connected to an ILO/PLO/SLO/OO and ESP Goal. Goals listed are actually resource requests, rather student-centered goals. Steps to be taken to achieve the goal and the measure of success are unclear or not provided.

Comments:

☐ *REVISION REQUIRED*

4.
Resource Requests that Support Program Needs

Resource Requests that Support Program Needs (based on above analysis)

☒ **Exemplary**: Each resource request entered is clearly connected to and supports a goal from Part 3. Each resource request is entered on the Program Review document.

☐ **Adequate**: Resource requests have been entered, but not all are clearly connected to goals from Part 3. Each resource request is entered on the Program Review document.

☐ **Improvement Needed**: No response or resource requests do not relate to goals from Part 3.

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Comments:

☐ *REVISION REQUIRED*

5.
Program Review Data

Insert your Program Review Data here, as well as any other supporting data.
Required:
- Success & Retention tab
- Program Awards tab

Optional:
- Other supporting data/information

☒ **Exemplary**: Program Review Data and other supporting data (if applicable) is inserted, and is understandable and relevant to the report.

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Comments:

☐ *REVISION REQUIRED*

Additional Comments: The focus on expanding course offerings, improving lab equipment, and increasing faculty support aligns well with institutional goals, and we encourage continued efforts to secure the necessary resources. Overall, this is a well-prepared report that reflects a strong commitment to program growth and student achievement.

Program Review 2024 Peer Review Feedback (Instructional)

On behalf of the Program Review Committee, we thank you for your time and effort in completing your Program Review report 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 overall.

Department/Area/Division Name: Mathematics, Sciences & Engineering / Physics (PHYS)

Peer Reviewed By: Reina Burgos and Annamarie Perez

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☐ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☒ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments:* ☐ *REVISION REQUIRED*

Part 2A. Analyze the program review data	**Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:**
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	• **Aspirations**: Guiding Questions:
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	☒ **Exemplary:** Thoughtful analysis of program review data and any internal/external environmental scan information is included, with a thorough answer to each guiding question regarding Strengths, Opportunities & Aspirations.
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	Comments: ☐ *REVISION REQUIRED*
Part 2B. Required for CTE	**(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data** ☐ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided. ☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant. ☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data. ☒ **N/A**: Not applicable for non-CTE areas *Comments:* ☐ *REVISION REQUIRED*
2C. Progress towards Course Improvement Plans	**Review and comment on progress toward past Course Improvement Plans.** (List your past CIPs and progress towards those goals.) ☒ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans. ☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
2D. Progress towards past program review goals	**Review and comment on progress towards past program review goals.** (List your past program review goals and progress towards those goals.) ☒ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals. ☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
3. Program Review Goals	**Based on Part 2 above, please list program/area goals for 2024-2025.** ☐ **Exemplary**: Each goal is connected to an ILO/PLO/SLO/OO and ESP Goal. The goals are student-centered and are connected to the analysis in Part 2 above. Steps to be taken to achieve the goals are delineated, as well as the measure of success for each.

	☒ **Adequate**: Goals are formed, and each is connected to an ILO/PLO/SLO/OO and ESP Goal, but not all goals are clearly connected to analysis in Part 2 and/or are not student-centered. Steps to be taken to achieve the goal and the measure of success are provided for each, but may be unclear or hard to understand. ☐ **Improvement Needed:** No response or goals listed are not connected to an ILO/PLO/SLO/OO and ESP Goal. Goals listed are actually resource requests, rather student-centered goals. Steps to be taken to achieve the goal and the measure of success are unclear or not provided. *Comments: Goal #3 does not prioritize student-centered objectives, such as enhancing student retention and achievement. Section #4, "sections offered," should not be included in this section; it is designated for part 4.* ☐ *REVISION REQUIRED*
4. Resource Requests that Support Program Needs	**Resource Requests that Support Program Needs (based on above analysis)** ☒ **Exemplary**: Each resource request entered is clearly connected to and supports a goal from Part 3. Each resource request is entered on the Program Review document. ☐ **Adequate**: Resource requests have been entered, but not all are clearly connected to goals from Part 3. Each resource request is entered on the Program Review document. ☐ **Improvement Needed**: No response or resource requests do not relate to goals from Part 3. ☐ **N/A**: No response because additional resources are not needed at this time and/or funding for resources exists from another source. *Comments:* ☐ *REVISION REQUIRED*

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	☒ **Exemplary**: Program Review Data and other supporting data (if applicable) is inserted, and is understandable and relevant to the report.
	☐ **Adequate**: Program Review Data and other supporting data (if applicable) is inserted, but is difficult to understand and/or may not be clearly relevant to the report.
	☐ **Improvement Needed:** No data is provided, or data provided is unreadable or does not support the report.
	
	Comments:
	
	☐ *REVISION REQUIRED*

Additional Comments:

Program Review 2024 Peer Review Feedback (Instructional)

On behalf of the Program Review Committee, we thank you for your time and effort in completing your Program Review report 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 overall.

Department/Area/Division Name: WDTO Water Dist. & Treatment Oper./Math, Science & Engineering

Peer Reviewed By: (No Report Submitted)

Part 1. Program Overview	**Program Overview: Briefly describe how the program contributes to the district mission.** ☐ **Exemplary**: A clear connection is described regarding how the program connects to and supports the district mission. ☐ **Adequate**: The work of the program described, but it is not obvious how it contributes to the district mission. ☐ **Improvement Needed**: No response or response does not connect the program to the district mission. *Comments:* ☐ *REVISION REQUIRED*

Part 2A.
 	
Analyze the program review data
	Part 2A: Analyze the program review data, including equity data and any internal/external environmental scan information (e.g., surveys, interviews, focus groups, advisory groups, licensure exam scores, & job placement) to identify the program Strengths, Opportunities & Aspirations:
	• **Strengths and Accomplishments:** Guiding Questions
	   o What does your program/area do well, including capabilities and greatest accomplishments?
	   o What are the practices that were implemented to increase success and retention rates or program awards?
	• **Opportunities and Challenges**: Guiding Questions
	   o What does your program/area need to do better to support/improve student success?
	   o What actions can be taken to help close equity gaps?
	• **Aspirations**: Guiding Questions:
	   o What does your program/area want to be known for?
	   o What is a desired future?
	
	☐ **Exemplary:** Thoughtful analysis of program review data and any internal/external environmental scan information is included, with a thorough answer to each guiding question regarding Strengths, Opportunities & Aspirations.
	☐ **Adequate:** Narrative information is provided regarding program review data and any internal/external environmental scan information, but is lacking analysis of data and/or does not fully address each guiding question regarding Strengths, Opportunities & Aspirations. The section could be strengthened with more data and analysis.
	☐ **Improvement Needed**: No response or response provided does not analyze program review data and any internal/external environmental scan information and/or does not address each guiding question regarding Strengths, Opportunities & Aspirations.

	Comments: ☐ *REVISION REQUIRED*
Part 2B. Required for CTE	**(Required for CTE only) External Data: Advisory Committee Recommendations & Labor Market Data** ☐ **Exemplary**: Both recommendations from the Advisory Committee and current relevant Labor Market Data are provided. ☐ **Adequate**: Information is provided about an Advisory Committee, but recommendations are not evident and/or Labor Market Data is included, but does not seem current or relevant. ☐ **Improvement Needed**: No response or response provided does not include recommendations from the Advisory Committee and current relevant Labor Market Data. ☐ **N/A**: Not applicable for non-CTE areas *Comments:* ☐ *REVISION REQUIRED*
2C. Progress towards Course Improvement Plans	**Review and comment on progress toward past Course Improvement Plans.** (List your past CIPs and progress towards those goals.) ☐ **Exemplary**: Course Improvement Plans are clearly listed, along with brief commentary about progress and the current status of those plans. ☐ **Adequate**: Information is provided about Course Improvement Plans for the area, but Plans have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident that Course Improvement Plans have been developed nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
2D. Progress towards past program review goals	**Review and comment on progress towards past program review goals.** (List your past program review goals and progress towards those goals.) ☐ **Exemplary**: Past program review goals are clearly listed, along with brief commentary about progress and the current status of those goals. ☐ **Adequate**: Information is provided about past program review goals, but goals have not been clearly listed and/or progress is unclear. ☐ **Improvement Needed:** No response or response provided does not make evident what the past goals are nor if progress has been made. *Comments:* ☐ *REVISION REQUIRED*
3. Program Review Goals	**Based on Part 2 above, please list program/area goals for 2024-2025.** ☐ **Exemplary**: Each goal is connected to an ILO/PLO/SLO/OO and ESP Goal. The goals are student-centered and are connected to the analysis in Part 2 above. Steps to be taken to achieve the goals are delineated, as well as the measure of success for each.

☐ **Adequate**: Goals are formed, and each is connected to an ILO/PLO/SLO/OO and ESP Goal, but not all goals are clearly connected to analysis in Part 2 and/or are not student-centered. Steps to be taken to achieve the goal and the measure of success are provided for each, but may be unclear or hard to understand.

☐ **Improvement Needed:** No response or goals listed are not connected to an ILO/PLO/SLO/OO and ESP Goal. Goals listed are actually resource requests, rather student-centered goals. Steps to be taken to achieve the goal and the measure of success are unclear or not provided.

Comments:

☐ *REVISION REQUIRED*

4. Resource Requests that Support Program Needs	**Resource Requests that Support Program Needs (based on above analysis)** ☐ **Exemplary**: Each resource request entered is clearly connected to and supports a goal from Part 3. Each resource request is entered on the Program Review document. ☐ **Adequate**: Resource requests have been entered, but not all are clearly connected to goals from Part 3. Each resource request is entered on the Program Review document. ☐ **Improvement Needed**: No response or resource requests do not relate to goals from Part 3. ☐ **N/A**: No response because additional resources are not needed at this time and/or funding for resources exists from another source. *Comments:* ☐ *REVISION REQUIRED*

5.
 	
Program Review Data
	Insert your Program Review Data here, as well as any other supporting data.
	Required:
	    • Success & Retention tab
	    • Program Awards tab
	Optional:
	    • Other supporting data/information
	
	☐ **Exemplary**: Program Review Data and other supporting data (if applicable) is inserted, and is understandable and relevant to the report.
	☐ **Adequate**: Program Review Data and other supporting data (if applicable) is inserted, but is difficult to understand and/or may not be clearly relevant to the report.
	☐ **Improvement Needed:** No data is provided, or data provided is unreadable or does not support the report.
	
	Comments:
	
	☐ *REVISION REQUIRED*

Additional Comments: