YEARLY PLANNING DISCUSSION TEMPLATE General Questions

Program Name Welding Technology Academic Year 2024-25

1. Has your program mission or primary function changed in the last year?

4. Were there any staffing changes?

	No.
2.	Were there any noteworthy changes to the program over the past year? (e.g., new courses, degrees, certificates, articulation agreements)
	The Welding Program continues to provide night students an opportunity to get one step closer to completion by providing a class not normally offered in the evening. The Welding Program is doing this to help night time students who are not able to take day time classes an opportunity to complete their degrees or certificates.
	The welding program also continues to work with local high school programs to ensure a smother transition from the high school welding classes to the more advanced welding courses offered in the Welding Program at Allan Hancock College.
3.	Is your two-year program map in place and were there any challenges maintaining the planned schedule?
	Yes, the two-year program map is in place. Nine Associate in Science degrees were earned in the 2023-24 school year. In addition, a combined total of 28 certificates were earned in Welding Technology, Metal Fabrication, and Pipe Welding.
	The staff in the Welding Program continues to work to offer students who only take classes in the evening, because they have a daytime job that does not permit them to take classes during the day, the opportunity to finish their degrees or certificates. The Welding faculty do this by offering a rotation of the classes not normally offered in the evening during the semester. This way, evening students who normally take only evening classes offered during the regular semester can complete their degrees or certificates by taking the summer evening classes in addition to the regular offerings during the Fall and Spring semesters.

The Welding Program continues to operate without a lab assistant. The last part of the academic year, Program faculty were able to hire Federal Work Study students who were of great help in preparing materials for the different classes offered in the Welding Program. This opportunity is of great value to students in the welding program who are student workers because it offers the students a chance to get their feet wet in the welding industry while under the supervision and under the instruction of a qualified instructor. It also offers students who do not have much work experience an opportunity to have something on their resume as they look for employment in the welding industry.

5. What were your program successes in your area of focus last year?

There was a decline from twelve Associate in Science degrees earned in Welding Technology in 2022-23 to nine Associate in Science degrees earned in the 2023-24 academic school year. This is still an improvement of over 30% over the years prior to the 2022-23 school year.

Learning Outcomes Assessment

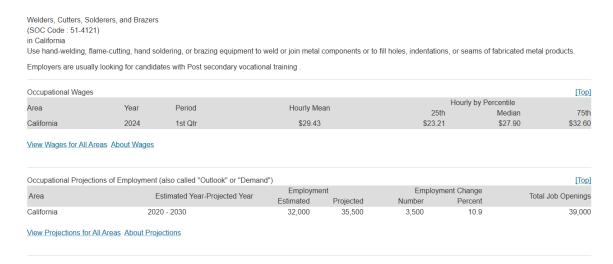
a.	Please summarize	kev	results fr	rom this	vear's	assessmen

Program Faculty will try to learn how to use SPOL to input data for in to SPOL for assessment.

- b. Please summarize your reflections, analysis, and interpretation of the learning outcome assessment and data.
- c. Please summarize recommendations and/or accolades that were made within the program/department.
- d. Please review and attach any *changes* to planning documentation, including PLO rubrics, associations, and cycles planning.

Distance Education (DE) Modality Course Design Peer Review Update (Please attach documentation extracted from the *Rubric for Assessing Regular and Substantive Interaction in Distance Education Courses*)

The Welding program does not have Distance Education Courses at this time.
a. Which courses were reviewed for regular and substantive interactions (RSI)?
b. What were some key findings regarding RSI?
Some strengths:
Some areas of possible improvement:
c. What is the plan for improvement?
TE two-year review of labor market data and pre-requisite review
a. Does the program meet documented labor market demand?



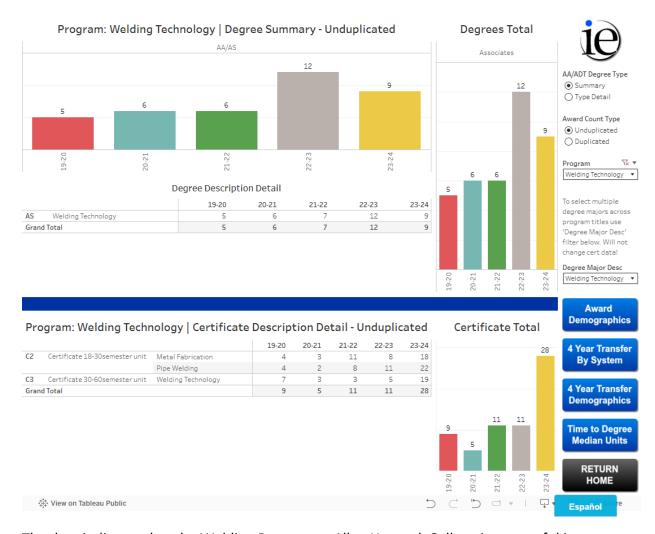
The Occupational Projections of Employment a total of 39,000 projected job openings for Welders, Cutters and Solderers and Brazers in California. This translates to good job opportunities for students to enter the welding industry. It also shows that there is a need throughout the state for workers with welding skills.

b. How does the program address needs that are not met by similar programs?

The welding program offers certificates in Welding Technology, Pipe Welding Technology and Metal Fabrication. In addition, we offer an Associates in Science degree in Welding Technology. The Welding Program at Allan Hancock College is diverse and offers a good selection of Welding related courses that prepare student for a wide range of employment opportunities.

Welding is important in every major industry, from farming to aerospace to construction to manufacturing. The faculty in the Welding Program come from a wide range of industries and are able to teach the necessary skills that provide the best opportunity for employment for graduates of the program.

c. Does the employment, completion, and success data of students indicate program effectiveness and vitality? Please, explain.



The data indicates that the Welding Program at Allan Hancock College is successful in helping students earn degrees and certificates. There is however, room for improvement. As mention earlier, Welding Program faculty are working to help night time students earn their degrees and certificates in their chosen field.

d. Has the program met the Title 5 requirements to review course prerequisites, and advisories within the prescribed cycle of every 2 year for CTE programs and every 5 years for all others?

Yes, the prerequisites were reviewed.

e. Have recommendations from the previous report been addressed?

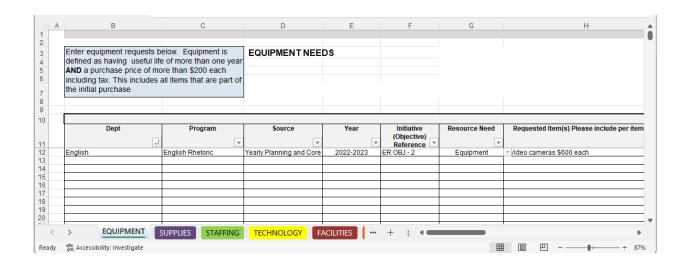
Recommendations from previous reports have been addressed.

Use the tables below to fill in NEW resources and planning initiatives that do not apply directly to core topics. This section is only used if there are new planning initiatives and resources requested.					

Sample:

N	ew Program Planning Initiative (Objective) – Yearly Planning Only
Title (including number:	ER Obj-2 Video Speeches for Student Learning and enhancement
Planning years:	(The academic years this will take to complete) 2021-22 to 2024-25
	Description:
who will be respon The success levels	ersion of initiative. Please include a description of the initiative, why it is needed, sible, and actions that need to happen, so it is completed.) of our courses have indicated that students need to be able to review their own ping the student's speech provides a very constructive approach to review and provides.
What college plans	s are associated with this Objective? (Please select from the list below):
Ed Master Plan	Student Equity Plan Guided Pathways AB 705
Technology Pla	n 🗶 Facilities Plan 🗌 Strong Workforce 🔲 Equal Employment Opp.
Title V	

Resource Requests: Please use the Resource Request Excel template located on the Program Review web page to enter resource requests for equipment, supplies, staffing, facilities, and misc. resources needed. Send completed excel document along with completed program view core topic for signature.



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Planning years:	(The academic years this will take to complete)
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Technology Pla	n Facilities Plan Strong Workforce Equal Employment Opp.
Title V	

New Program Planning Initiative (Objective) – Yearly Planning Only

Title (including

number:

Planning years:	(The academic years this will take to complete)				
	Description:				
(A more detailed version of initiative. Please include a description of the initiative, why it is needed,					
who will be respon	sible, and actions that need to happen, so it is completed.)				
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what college plan	s are associated with this Objective? (Please select from the list below):				
Ed Master Plan	Student Equity Plan Guided Pathways AB 705/1705				
Technology Pla	n Facilities Plan Strong Workforce Equal Employment Opp.				
Title V					
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Title (including number:					
Planning years:	(The academic years this will take to complete)				
	Description:				
(A more detailed v	ersion of initiative. Please include a description of the initiative, why it is needed,				
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What college plan	s are associated with this Objective? (Please select from the list below):				
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Technology Pla	n Facilities Plan Strong Workforce Equal Employment Opp.				
Title V					
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Area of Focus Discussion Template INNOVATIVE SCHEDULING

Innovative Scheduling embraces mapping, scheduling, and student outcomes. This focus includes a review of modalities, times, days, and sequence of courses. It supports areas of interest. It is based on student success, retention, and completion/graduation data. Sample activities include the following:

Possible topics:

- Review scheduling matrices program map alignment, successes, and challenges.
- Collaborate with guided pathways success teams to assess scheduling conflicts and bottlenecks within and across disciplines that impact student completion.
- Assess mix of teaching modalities mornings-afternoons-evenings; weekends; face-to-face, hybrid, and distance learning. NOTE: Hybrid is the combined use of various teaching modalities.
- Address scheduling conflicts or dependencies across disciplines or general education areas.
- Student access cultivate majors, support cohorts and interdisciplinary connections.
- Review units and time to course and program completion.

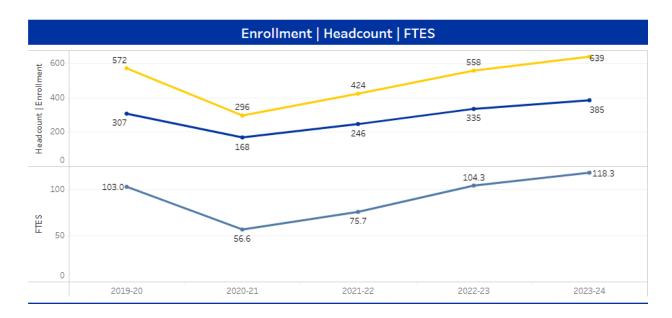
1. What data were analyzed and what were the main conclusions?

Degree Description Detail

		19-20	20-21	21-22	22-23	23-24
AS	Welding Technology	5	6	7	12	9
Grand Total		5	6	7	12	9

Program: Welding Technology | Certificate Description Detail - Unduplicated

			19-20	20-21	21-22	22-23	23-24
C2	Certificate 18-30semester unit	Metal Fabrication	4	3	11	8	18
		Pipe Welding	4	2	8	11	22
C3	Certificate 30-60semester unit	Welding Technology	7	3	3	5	19
Gran	d Total		9	5	11	11	28



Enrolment data and completion data were analyzed and it shows that the Welding Program is successful. The data shows that there is a strong demand and need for the Welding Program at Allan Hancock College. The data also show that we have made an improvement over enrollment rates before the pandemic. The classes in the Welding Program are not normally canceled due to low enrolment and classes in the welding program usually fill during the first few weeks of enrolment. Students are offered an opportunity to complete their degrees and certificates within the two years. The data shows that students in the Welding Program are completing their degrees and certificates.

2. Based on the data analysis and looking through a lens of equity, what do you perceive as *challenges* with student success or access in your area of focus?

The Welding program offers classes in the morning in the middle of the day and in the evening to serve the maximum number of students in the Welding Program. The Welding Program class offerings are consistent with block scheduling so that students in the welding program may take other courses in general education or other courses that fit the block scheduling model. The faculty in the Welding Program are passionate about helping students reach their educational goals and it has been the Welding Program faculty's goal to make the welding program accessible to as many people as possible.

One major challenge has been the inability of the Welding Program to ofer some of the classes in the evening. The challenge comes in were night time students often can't commit to a full-time load because they usually have a full-time job. Several years ago, Welding Program faculty saw an opportunity to offer classes in the evening that are not normally offered in he evening. The reason this is helpful to students who can only take classes in the evening is because it does not interfere with their regular work schedule or their normal Fall or Spring semester class load.

The reason Welding Program Faculty started making these offerings in the Summer is because evening students were asking about the schedule and they were inquiring about classes that they needed for completion and were not normally offered during the evening. The Welding Program Faculty try to keep a very consistent class offering schedule to ensure program completion to the average student in the Welding Program and to make it easier for students to keep on schedule with their educational plans. Therefore, changing classes in the Fall and Spring schedule was not a good option. Welding Program Faculty decided to take this innovative step of offering a rotation of classes that change in the summer to ensure that there is a path, which is a longer path, but will give evening students an opportunity to complete their degrees or certificates. This is helpful to evening students because often times these students can only take one to two classes per semester. The small number of units a person can take and still hold down a full-time job is the reason this path would take longer than the two years.

3. What are your plans for change or *innovation*?

Several innovative schedule additions were tried before Welding Program Faculty found an opening in the schedule that was stable enough to serve evening students in the program. The Welding Program Faculty have been working on this for several years now and one of the things that was found out was that the regular block scheduling that works well during the Fall and Spring semester does not work well in the summer. Last year the welding instructor noticed a slump towards the end of the summer evening class of attendance and of the quality of work. When the instructor inquired to several of the students who worked during the day the response from several students was that it was hard to work hard till 10pm and be up by 4 or 5am to attend their normal work for the entire summer 8 week course. As a result, the Faculty in the Welding Program is attempting an earlier start to the summer evening class offerings of 5pm so that students end the class at 9pm in the hopes that it makes it easier for evening students to meet their work obligations.

Another innovative action Welding Program faculty have taken is to offer a Beginning Welding course in the summer to boost enrolment in to the more advanced Welding Program courses taught in the Fall semester. The Beginning Welding curse is the prerequisite for some the more advanced courses in the Welding Program. Many students take the introductory course in welding for exploration or as a requisite in another program or to save money when they transfer to a university by taking a requirement at Allan Hancock College. So, not all students who take the introductory course continues with the Welding Program at Allan Hancock College. As a result, Welding Program faculty saw a need to offer an additional introductory course to make sure more advanced courses in the Fall semester do not get canceled due to low enrolment. This ensures a more stable curse offering to serve students in the Welding Program better and to continue to improve completion rates.

4. How will you *measure* the results of your plans to determine if they are successful?

Validation for Program Planning Process: If you have chosen to do the Validation this year, please explain your process and the findings.

Evidence for measurable results for the innovation in scheduling should be reflected in program completion rates increasing. The change will be small because it is only one class, but the impact is large. When evening students have questions about the course offerings the Welding Program faculty now have a definite answer that gives students piece of mind knowing that there is a way that they can complete the program without having to quit their job. This opportunity how ever small keeps night time students in the program. Instead of welding courses just being skill builders for night time students there is now a path to completion.

 Who have you identified to validate your findings? (Could include Guided Pathway Success Teams, Advisory Committee Members, related faculty, industry partners or higher education partners)

Related Faculty

2. Are there specific recommendations regarding the core topic responses from the validation team?

Not doing the Validation this year.

Based on the narratives for the prompts above, what are some program planning initiatives and resources needed for the upcoming years? Use the tables below to fill in **NEW** resources and planning initiatives. *This section is only used if there are new planning initiatives and resources requested that pertain to the Core Topic only.*

Sample:

	New Program Planning Initiative (Objective) – Core Topic Only
Title (including	ER Obj-2 Video Speeches for Student Learning and enhancement
number:	
Planning years:	(The academic years this will take to complete) 2021-22 to 2024-25
	Descriptions

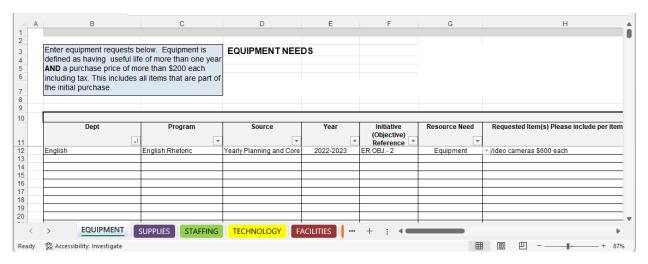
Description:

(A more detailed version of initiative. Please include a description of the initiative, why it is needed, who will be responsible, and actions that need to happen, so it is completed.)

The success levels of our courses have indicated that students need to be able to review their own speeches. Videotaping the student's speech provides a very constructive approach to review and improve their oratory skills.

What college plans are associated with this Objective? (Please select from the list below):
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New Program Planning Initiative (Objective) – Core Topic Only		
Title (including number:	WLDT OBJ-1 Reliable Welding equipment for student skill attainment.	
Planning years:	(The academic years this will take to complete) 2025-26	

Description:

(A more detailed version of initiative. Please include a description of the initiative, why it is needed, who will be responsible, and actions that need to happen, so it is completed.)

Welding Program Faculty have been advised by welding equipment manufacturers the life expectancy of welding equipment is ten years. Many of the welding machines are past that age. The welding machines that are more than ten years old can stop working at any time. This can be a serious barrier to student learning. Whit 40 welding booths the program needs to replace 4 welding machines to place the equipment on the recommended 10-year cycle. Classes in the welding program do not use

40 machines in every class because the typical class is 22 students. Each of the welding labs is only 20 welding machines. Because of the diverse number of courses necessary to prepare welding students, each of the 40 welding machines is needed and used by students at least once a week. Working welding equipment will enable students in the Welding Program to obtain the necessary skills required to earn their degrees or certificates.								
What college plans are	associated wi	th this Ob	jective?	Please select from th	e list bel	ow):		
Ed Master Plan Student Equity Plan Guided Pathways AB 705/1705								
Technology Plan Facilities Plan X Strong Workforce Equal Employment Opp.								
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Dept Program	Source Yea	Initiative (Objective)	Resource Need	Requested Item(s) Please include per item cost	Funding Request	Program Faculty Lead Priority	Estin Equipme	
English English Rhetoric	Yearly Planning Only 2022-2	2023 ER OBJ 2	Equipment	5 Video cameras \$600 each	One-time	1 = High		3,000.00
Industrial Technology Welding	Yearly Planning and Core 2024-2 Topic	2025 WLDT OBJ-1	Equipment	4 Weding machines \$16,000 each	Ongoing	1 = High	3 6	4,000.00
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New Program Planning Initiative (Objective) – Core Topic Only				
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Planning years:	(The academic years this will take to complete)			
Description:				
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Title V				
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Ed Master Plan	Student Equity F	PlanGuided Pathway	/s AB 705/1705	
Technology Plan	n 🔲 Facilities Plan	Strong Workforce	Equal Employment Opp.	
Title V				
Program Review	Signature Page:			
Gabriel Marquez 05/20/2025			/20/2025	
Program Review Lead Date			te	
Thomas Lamica Thomas Lamica (May 23, 2025 14:18 PDT)		0	05/23/2025	
Program Dean	Program Dean Date			
3/2	7			
/ice President, Academic Affairs Dat				

WLDT_Program Review 2024-25_Innovative Scheduling Discus

Final Audit Report 2025-07-21

Created: 2025-05-23

By: Kara Mushegan (kara.mushegan@hancockcollege.edu)

Status: Signed

Transaction ID: CBJCHBCAABAAi02qnkQO4K8XItMgVYG2dJMo4R3GqHl8

"WLDT_Program Review 2024-25_Innovative Scheduling Discus "History

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