

YEARLY PLANNING DISCUSSION TEMPLATE

General Questions

Program Name : CNET Year 2025-2026

1. Has your program mission or primary function changed in the last year?
 - a. *Yes, we are shifting the focus of our program to the following areas: Cybersecurity, Robotics, Electronics Manufacturing and assembly*
2. Were there any noteworthy changes to the program over the past year? (e.g., new courses, degrees, certificates, articulation agreements)
 - a. *Yes, we have added Cybersecurity courses to our program, and we also offered higher-level mechatronics courses for the first time in decades*
3. Is your two-year program map in place and were there any challenges maintaining the planned schedule?
 - a. *Our two-year program map is in place. However, because of some enrollment challenges, we were not able to offer all the classes we hoped.*
4. Were there any staffing changes?
 - a. *No*
5. What were your program successes in your area of focus last year?
 - a. *Thoroughly established Industrial Advisory Board*
 - b. *Highest enrollments in classes*
 - c. *Establishing cybersecurity class*
 - d. *New mechatronics class*
 - e. *Skills USA*
 - f. *Robotics club – MATE ROV World Competition*

Learning Outcomes Assessment

- g. Please summarize key results from this year's assessment.
 - i. *Full, engaged, and active IAB*
 - ii. *Reimagined robotics program*
 - iii. *Added cybersecurity along with increased Computer Networking program*

- h. Please summarize your reflections, analysis, and interpretation of the learning outcome assessment and data.
 - i. *Getting students to engage more with industry reps really helped inspire and guide the students as they completed their courses*
 - ii. *Much more hands-on approaches in classes than previous semesters*
 - iii. *Extracurricular activities such as Robotics Club and Skills USA have brought a lot of attention and energy to the program*

- i. Please summarize recommendations and/or accolades that were made within the program/department.
 - i. *Based off IAB meetings, we are implementing specific manufacturing/assembly practices and tools into our curriculum. We are now able to know exactly what local industry needs are, so we can tailor our program toward that.*
 - ii. *Our robotics program is producing results that are competing on world-stages and platforms in some of the most competitive and prestigious competitions around the world. This year, we designed an underwater robot from scratch and will be competing.*

- j. Please review and attach any changes to planning documentation, including PLO rubrics, associations, and cycles planning.
 - i. *We rebranded the program from "Electronics Technology" to "Computer Networking and Electronics Technology"*

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*)

a. Which courses were reviewed for regular and substantive interactions (RSI)?

a. None

b. What were some key findings regarding RSI?

- Some strengths:

- Some areas of possible improvement:

c. What is the plan for improvement?

CTE two-year review of labor market data and pre-requisite review

a. Does the program meet documented labor market demand?

i. Yes

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

i. We are in direct communication with local industry about their specific needs. Other programs focus on generic workplace skills, whereas ours is very fine tuned to meet the needs of local industry.

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

i. Yes, and this is a growing strength for our program. As of now, we have very few students who have graduated. Given that our enrollment is significantly increased, combined with an increased interest from industry, we are on track to continue having a very high employment rate upon graduation.

- 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?

i. Yes, we revisited this and updated it in Cirricunet when updating the program to CNET.

- e. Have recommendations from the previous report been addressed?

i. Yes

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.**

New Program Planning Initiative (Objective) – Yearly Planning Only	
Title (including number):	Networking & Cybersecurity Lab Renovations
Planning years:	2025-2026
<p align="center">Description:</p> <p><i>Update the M-433 lab to have state-of-the-art equipment for networking and cybersecurity. While the current equipment does work, it is slowly becoming outdated.</i></p> <p><i>Also, we will need to replace/modify the workbenches in the classrooms. As of now, the shelves are too high, so students cannot see the board or the instructor unless they all gather very closely in a small space. We want to modify the room so that the entire class can see the instructor and the board from their desks/workbenches.</i></p>	
<p>What college plans are associated with this Objective? (Please select from the list below):</p> <p> <input type="checkbox"/> Ed Master Plan <input type="checkbox"/> Student Equity Plan <input type="checkbox"/> Guided Pathways <input type="checkbox"/> AB 705/1705 <input type="checkbox"/> Technology Plan <input type="checkbox"/> Facilities Plan <input type="checkbox"/> Strong Workforce <input type="checkbox"/> Equal Employment Opp. <input type="checkbox"/> Title V </p>	

New Program Planning Initiative (Objective) – Yearly Planning Only	
Title (including number):	Updating CNET Degrees and Certificates
Planning years:	2025-2026
<p align="center">Description:</p> <p><i>In order to increase the graduation rate of the program, we will be revisiting the list of required courses for different CNET certificates and degrees.</i></p> <p><i>These changes will need to be implemented in Cirricunet.</i></p>	
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Area of Focus Discussion Template

EDUCATION AND INDUSTRY PARTNERSHIPS

Education and Industry Partnerships – review relationships with four-year institutions including preparation for transfer and changes in major requirements assess employment as well as review employment and the needs of employers and regional partners. Sample activities include the following:

Possible topics:

- Review academic transfers and associate degree for transfer alignments.
- Review articulation agreements.
- Review C-ID (course identification system) modifications.
- Integrate advisory committee recommendations and regional training needs.
- Review career and technical education (CTE) labor market information and trends.
- Explore collaborations, internships and externships, and cooperative work experience opportunities.
- CTE unit completion goals in the Student Centered Funding Formula and CCCCO Vision for Success.

1. What data were analyzed and what were the main conclusions?
 - a. *The most significant thing to impact our department this year was hosting our first fully-attended Industrial Advisory Board Meeting. We had over a dozen industry reps from the biggest local companies come and share their specific needs with both the faculty and the students.*
 - b. *Overall, our program is already excelling at meeting local industry needs. However, there are several more specific areas that we can customize to really serve the needs of local companies.*

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?
 - a. The biggest challenge is helping the students see what they are capable of and seeing what opportunities are available to them. Given the demographic of students we are reaching out to, several of them struggle to see themselves as being the kind of person who could be highly proficient in the technical industry.

3. What are your plans for change or *innovation*?
 - a. *One of the main focuses we are emphasizing in class is vision, not just academics. We want the students to be able to see themselves working with and developing leading-edge technology.*
 - b. *We are creating as many opportunities as possible to get students to network and meet industry representatives face-to-face. When students are able to speak with industry reps in person, there is a significant shift in perspective as to what a student is able to achieve.*

4. How will you *measure* the results of your plans to determine if they are successful?
 - a. *The two main measurements we would gauge with students are how many students complete the program, and how many students have a job lined up upon graduation.*
 - b. *The main measurement we would gauge with industry is how many students each company works for, and the feedback we receive on the student's performance once in the workplace.*


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

1. 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)
 - a. *Advisory Committee Members, related faculty, and students*

2. Are there specific recommendations regarding the core topic responses from the validation team?
 - a. *Yes, many of the advisory board members gave us a specific list of equipment they use and cabling they assemble. We are integrating their specific equipment into our course curriculum.*

New Program Planning Initiative (Objective) – Core Topic Only	
Title (including number):	Electronics Manufacturing Equipment
Planning years:	2025-2026
<p align="center">Description:</p> <p><i>New equipment will need to be purchased and implemented into the courses pertaining to electronics manufacturing.</i></p> <p><i>After the Industrial Advisory Board meeting, they gave us a very specific list of equipment and cabling that they need students to be familiar with. So we will purchase similar equipment and train our students to become proficient with it.</i></p>	
<p>What college plans are associated with this Objective? (Please select from the list below):</p> <p> <input type="checkbox"/> Ed Master Plan <input type="checkbox"/> Student Equity Plan <input type="checkbox"/> Guided Pathways <input type="checkbox"/> AB 705/1705 <input type="checkbox"/> Technology Plan <input type="checkbox"/> Facilities Plan <input type="checkbox"/> Strong Workforce <input type="checkbox"/> Equal Employment Opp. <input type="checkbox"/> Title V </p>	

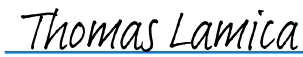
Program Review Signature Page:


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Program Review Lead

05/28/2025

Date


Thomas Lamica (May 29, 2025 08:17 PDT)

Program Dean

05/29/2025

Date



Vice President, Academic Affairs

07/17/2025

Date











CNET 24-25 Program Review - Education and Industry Partnerships

Final Audit Report

2025-07-18

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