

Applied Co-Intelligence Planning Toolkit

Design AI-assisted CTE learning that protects technical foundations, requires verification, and measures stu

School/College	Program/Pathway	Instructor/Team	Date
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1. Occupational AI Use Case

Occupation or pathway	AI tool or system
Authentic workplace task	Current industry use
Student role	Human decision-maker
Potential benefit	Potential harm if wrong
Use-case description	

2. Protect the Technical Foundation

Foundational skill 1	Without-AI demonstration	Evidence / standard
Foundational skill 2	Without-AI demonstration	Evidence / standard
Foundational skill 3	Without-AI demonstration	Evidence / standard
Foundational skill 4	Without-AI demonstration	Evidence / standard

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Define AI use, verification, and escalation requirements.

3. AI-On / AI-Off Task Design

Task step	Prohibited	Permitted	Required
Task step 1			
Task step 2			
Task step 3			
Task step 4			
Task step 5			
Task step 6			

4. Verification and Evidence Plan

AI output / recommendation	Verification source	Reject/escalate when...
AI output / recommendation 1		
AI output / recommendation 2		
AI output / recommendation 3		
AI output / recommendation 4		

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Review privacy, safety, ethics, and student accountability.

5. Data, Privacy, Safety, and Ethics Review

- No personally identifiable information will be entered into an unapproved system.
- No protected health, student, customer, or employer data will be entered without authorization.
- The tool's output will not replace required supervision or licensed-professional approval.
- Students will be told when and how AI use must be disclosed.
- The task includes a method for detecting inaccurate, biased, incomplete, or unsafe output.
- Students will preserve an audit trail of prompts, inputs, outputs, changes, and final decisions.
- Accessibility and equitable access have been considered.
- A human remains accountable for the final action or recommendation.

6. Student Evidence Log

Step 1: AI input or prompt	Evidence checked and final decision
Step 2: AI input or prompt	Evidence checked and final decision
Step 3: AI input or prompt	Evidence checked and final decision
Step 4: AI input or prompt	Evidence checked and final decision

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Validate the lesson with employers and define next steps.

Technical accuracy expectations

7. Assessment and Employer Validation

Verification expectations

Risk and escalation expectations

Documentation expectations

Does this task reflect current or emerging workplace practice?

What decisions must remain human?

What errors are most costly, unsafe, or difficult to detect?

What would demonstrate that a student is ready for work-based learning?

8. Implementation Decision

Pilot owner

Pilot date

Review date

Status

Next actions