

Logic Model - National CTC

Needs	Inputs	Activities	Outputs	Short-Term Outcomes	Mid-Term Outcomes	Long-Term Outcomes
Why should this project exist?	What do you need to make the project work?	What will you do?	What products will you create? (counted/observed)	What will occur as a direct result?	What results should follow from the initial outcomes?	What are the changes in broader conditions?
<p>Increase number of completers (particularly from under-served populations) ready to meet workforce needs</p>	NSF funding	Create a recruitment and retention plan	Recruitment and retention plan	Faculty learn recruitment and retention strategies	<p>Schools adopt new recruitment and retention strategies to better engage under-represented students</p> <p>Faculty improve classroom policies and strategies to better engage under-represented students</p> <p>Schools adopt new certificate models</p> <p>Students persist in programs because of flexibility</p> <p>Schools develop new articulation agreements</p> <p>Students persist in programs because of attractive pathways to 4-year schools</p> <p>Adjustments made to ongoing plans/strategies</p>	<p>Increased diversity in the convergence classroom</p> <p>Increased diversity in the convergence workforce</p> <p>Improved under-represented student enrollment and retention/completion rate</p>
	Faculty	Adapt recruitment and retention resources	Resource lists and documents	Faculty gain new resources		
	Technology (LMS, audio-visual, dissemination)	Disseminate recruitment and retention expert resources	Expert resources and documents	Faculty gain new resources and documents		
	Third-party experts	Develop recruitment and retention best practices	Best practice documents	Faculty learn new best practices		
	CTC staff	Host recruitment and retention webinars	Webinars	Faculty learn recruitment and retention strategies		
	Refine "stackable certificates"	"Stackable certificate" models	Faculty learn new certificate/degree formats and models	Students gain more flexibility via new "stackable" models		
	Support articulation agreements (e.g. the UNT "BAIT" model!)	Articulation agreements	Faculty learn new strategies for articulation	Students gain new degree pathways		
	Evaluate success and impact	Evaluation metrics/data	CTC learns success and impact of programs/projects			
<p>Better prepare students to meet workforce needs in evolving convergence jobs</p>	NSF funding	Conduct professional development training	Attendees who complete the training	Faculty learn emerging technologies and best practices	<p>Faculty improve classroom instruction strategies</p> <p>Schools improve curriculum to reflect emerging technologies</p> <p>Schools attract more students with programs that address in-demand skills</p> <p>Students persist in programs that address real-world skills</p>	<p>Improved student enrollment and retention/completion rate</p> <p>More highly skilled workforce</p> <p>Change in school programs: broader offerings with updated content and more innovative elements</p>
	Faculty and administrators	Establish partnerships with business and industry leaders (BILT)	Engaged business and industry partners	Faculty gain insight into real-world workforce needs		
	Manage BILT job skills validation process	BILT-provided list of validated skills	Business and industry partners involvement increases	Faculty identify curriculum gaps		

Logic Model - National CTC (continued)

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Why should this project exist?	What do you need to make the project work?	What will you do?	What products will you create? (counted/observed)	What will occur as a direct result?	What results should follow from the initial outcomes?	What are the changes in broader conditions?
<p>Better prepare students to meet workforce needs in evolving convergence jobs</p>	<p>Technology (LMS, audio-visual, dissemination)</p>	<p>Facilitate BILT trends discussions</p>	<p>BILT meeting minutes</p>	<p>Faculty learn emerging technologies</p>	<p>Faculty improve classroom instruction strategies</p> <p>Schools improve curriculum to reflect emerging technologies</p> <p>Schools attract more students with programs that address in-demand skills</p>	<p>Improved student enrollment and retention/completion rate</p> <p>More highly skilled workforce</p> <p>Change in school programs: broader offerings with updated content and more innovative elements</p>
	<p>Third-party experts</p>	<p>Provide virtual lab capability</p>	<p>Enrolled students in virtual labs</p> <p>Virtual lab "pods"</p>	<p>Students gain flexibility of 24/7 access to labs</p> <p>Schools save money, gain flexibility (no need for expensive hardware)</p>	<p>Students persist in programs because of flexibility</p> <p>Schools attract more students due to flexibility and cost savings</p>	
	<p>CTC staff</p>	<p>Develop virtual internship model</p>	<p>Virtual internship model</p>	<p>Student gain real-world experience</p> <p>Schools benefit from more efficient internship model</p>	<p>Students persist in programs that address in-demand skills</p> <p>Schools adopt new internship models</p>	
	<p>Business and industry partners (BILT)</p>	<p>Expand membership in community of practice (CCN)</p> <p>Host community of practice (CCN) meetings</p>	<p>Engaged CCN faculty members</p> <p>CCN meeting minutes</p>	<p>Faculty learn best practices from an expanding network of CCN peers</p> <p>Faculty learn best practices from CCN peers</p>	<p>Faculty learn emerging technologies</p> <p>Students benefit from updated curriculum</p>	
	<p>In-kind contributions</p>	<p>Develop convergence curriculum</p>	<p>New convergence curriculum or degrees/certificate plans</p>	<p>Faculty learn emerging technologies and best practices</p> <p>Students benefit from updated curriculum</p>	<p>Faculty improve classroom instruction strategies</p> <p>Schools improve curriculum to reflect emerging technologies</p>	
		<p>Disseminate information</p>	<p>Documents, videos, webinar recordings, meeting minutes, blog posts</p>	<p>Faculty learn emerging technologies</p> <p>Students benefit from updated curriculum</p>	<p>Schools attract more students with programs that address in-demand skills</p> <p>Students persist in programs that address real-world skills</p>	
		<p>Establish best practices</p>	<p>Best practice documents</p>	<p>Faculty learn emerging technologies</p> <p>Students benefit from updated curriculum</p>	<p>Adjustments made to ongoing plans/strategies</p>	
		<p>Evaluate success and impact</p>	<p>Evaluation metrics/data (both immediate and longitudinal)</p>	<p>CTC learns success and impact of programs/projects</p>		