

Academic Challenge: Higher-Order Learning, Reflective & Integrative Learning

California State University, Chico

Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote high levels of student achievement by calling on students to engage in complex cognitive tasks requiring more than mere memorization of facts. This content area captures how much students' coursework emphasizes challenging cognitive tasks such as application, analysis, judgment, and synthesis. Personally connecting with course material requires students to relate their understanding and experiences to the content at hand. Instructors emphasizing reflective and integrative learning motivate students to make connections between their learning and the world around them, reexamining their own beliefs and considering issues and ideas from others' perspectives. These visuals display results for #25 and #29b-e.

Disciplinary Area	Racial/Ethnic Identity All	Employment Status All	Sexual Orientation	Format MY All	Adminyear 2022	
Gender Identity All	Adjunct Status All	Academic Rank	Course Division	General Education Course		

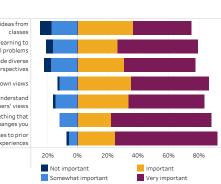
Looking Within Faculty Experiences

Higher-Order Learning

	Very little	Some	Quite a bit	Very much							
Applying	7.4% 5	11.8% 8	45.6% 31	35.3% 24	Applying						
Analyzing	1.5% 1	19.1% 13	44.1% 30	35.3% 24	Analyzing						
Evaluating	8.8% 6	22.1% 15	30.9% 21	38.2% 26	Evaluating						
Forming	2.9% 2	11.8% 8	36.8% 25	48.5% 33	Forming						
						20%	0%	20%	40%	60%	80%
						Very little	Son	1e	Quite a b	it	Very much

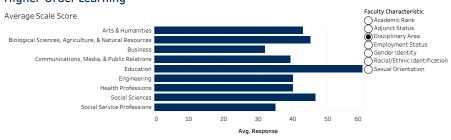
Reflective & Integrative Learning

	Not important	Somewhat important	Important	Very important		
Combine ideas from	7.4%	17.6%	36.8%	38.2%	Combine ideas from	
classes	5	12	25	26	classes	
Connect learning to	4.4%	16.2%	26.5%	52.9%	Connect learning to	
societal problems	3	11	18	36	societal problems	
Include diverse	4.4%	17.6%	30.9%	47.1%	Include diverse	
perspectives	3	12	21	32	perspectives	
Evaluate their own views	1.5% 1	11.8% 8	35.3% 24	51.5% 35	Evaluate their own views	
Better understand	1.5%	14.7%	33.8%	50.0%	Better understand	
anothers' views	1	10	23	34	anothers' views	
Learn something that changes you		11.8% 8	22.1% 15	66.2% 45	Learn something that changes you	
Connect courses to	1.5%	5.9%	25.0%	67.6%	Connect courses to prior	
prior experiences	1	4	17	46	experiences	
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Comparing Faculty Experiences

Higher-Order Learning



Reflective & Integrative Learning

