

Is Student Engagement a Universal Concept?



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Five Benchmarks

(a) Active and Collaborative Learning ★

(b) Student and Faculty Interaction ★

(c) Level of Academic Challenge ★

(d) Enriching Educational Experiences

(e) Supportive Campus Environment.



?

If a student does not interact with the teacher/classmates does it mean he or she is not engaged?

Do you consider culture as important variable to understand student engagement?

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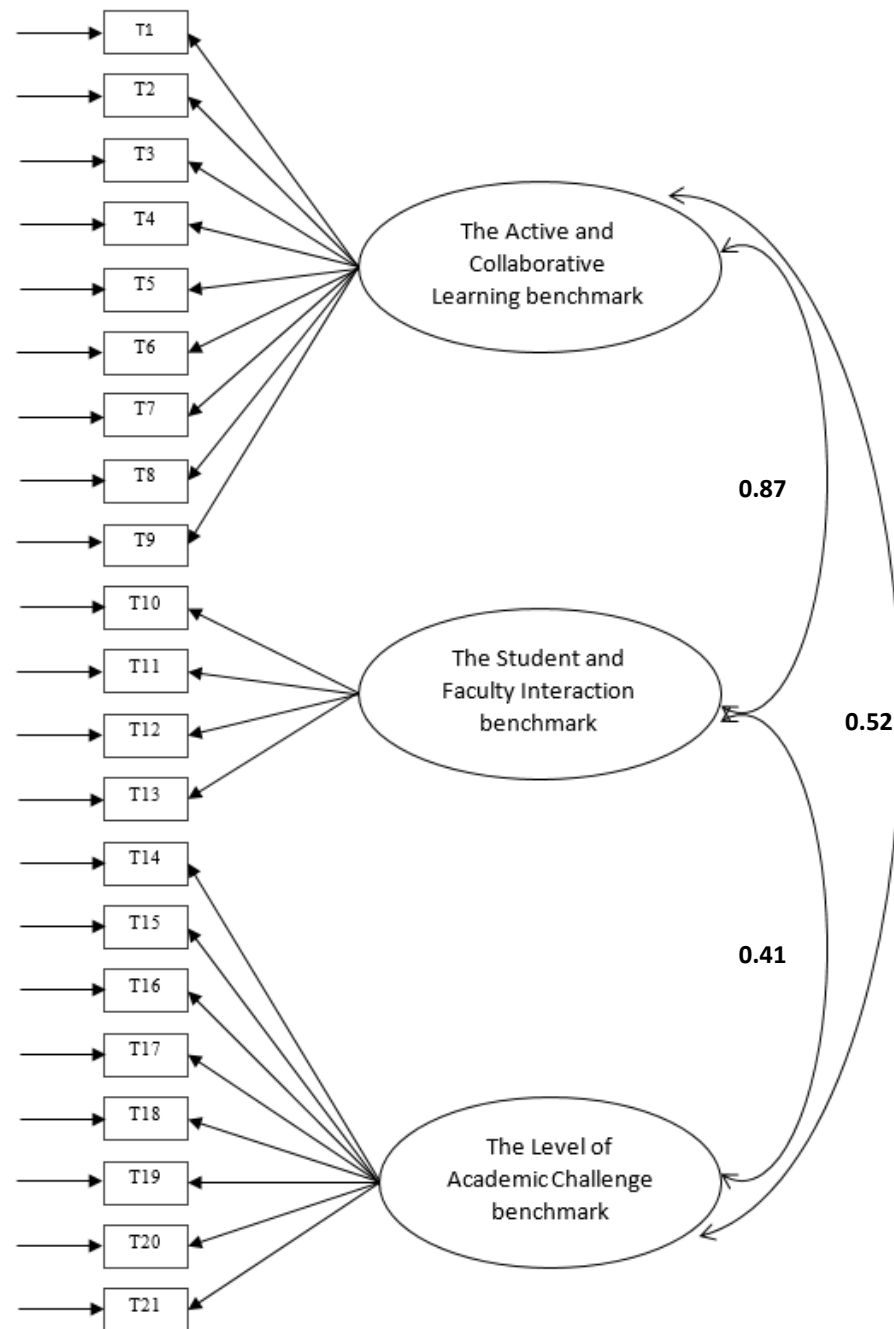
(d) Enriching Educational Experiences

how frequently have you interacted with students from outside(i.e., other country)

(e) Supportive Campus Environment

It is an institutional rather than a student behavior scale(Brint, 2008)

<p>T1 Contributed to a class discussion</p> <p>T2 Brought up ideas or concepts from different courses during class discussions</p> <p>T3 Asked an insightful question in class</p> <p>T4 Found a course so interesting that you did more work than was required</p> <p>T5 Chosen challenging courses, when possible, even though you might lower your GPA by doing so</p> <p>T6 Made a class presentation</p> <p>T7 Extensively revised a paper before submitting it to be graded</p> <p>T8 Worked on class projects or studied as a group with classmates outside of class</p> <p>T9 Helped a classmate better understand the course material when studying together</p>	<p>T10 Talked with the instructor outside of class about issues and concepts derived from a course</p> <p>T11 interacted with faculty during class sessions</p> <p>T12 Taken a small research-oriented seminar with faculty</p> <p>T13 Worked with a faculty member on an activity other than coursework e.g., student organization, campus committee, cultural activity</p>	<p>T14 Gone to class unprepared</p> <p>T15 Raised your standard for acceptable effort due to the high standards of a faculty member</p> <p>T16 Attending classes, discussion sections, or labs</p> <p>T17 Recognize or recall specific facts, terms, and concepts</p> <p>T18 Explain methods, ideas, or concepts and use them to solve problems</p> <p>T19 Break down material into component parts or arguments into assumptions to see the basis for different outcomes and conclusions</p> <p>T20 Judge the value of information, ideas, actions, and conclusions based on the soundness of sources, methods, and reasoning</p> <p>T21 Create or generate new ideas, products, or ways of understanding</p>
The Active and Collaborative Learning benchmark	The Student and Faculty Interaction benchmark	The Level of Academic Challenge benchmark



Global: Fit Indices

	χ^2	S-B χ^2	df	SRMR	RMSEA _{adj}	CFI _{adj}
Three-factor	15656.89	18273.15	186	.092	.12	.88
Recommended standard				<0.07	<0.05	>0.96

local: Correlation residual larger than 0.15 or less than -0.15

	T1	T3	T4	T7	T8	T9	T11	T12	T14	T17
T1	---	---	---	---	---	---	---	---	---	---
T2	---	---	---	---	---	---	---	---	---	---
T3	---	---	---	---	---	---	---	---	---	---
T4	---	---	---	---	---	---	---	---	---	---
T5	---	---	---	---	---	---	---	---	---	---
T6	---	---	---	---	---	---	---	---	---	---
T7	---	---	---	---	---	---	---	---	---	---
T8	---	---	---	0.32	---	---	---	---	---	---
T9	---	---	---	0.27	0.4	---	---	---	---	---
T10	---	---	---	---	---	---	---	---	---	---
T11	---	---	---	---	---	---	---	---	---	---
T12	---	---	---	---	---	---	---	---	---	---
T13	---	---	---	---	---	---	---	---	---	---
T14	---	---	0.16	---	---	---	---	---	---	---
T15	0.154	---	---	0.44	0.37	0.35	0.17	---	-0.15	---
T16	---	---	---	---	---	---	---	---	---	---
T17	---	-0.1556	-0.15868	---	---	---	---	-0.17113	---	---
T18	---	---	---	---	---	---	---	-0.15257	---	0.23

		Component		
		1	2	3
The active learning	T1	.582	.245	.277
	T2	.684	.240	.227
	T3	.832	.135	.084
	T4	.790	.105	.075
	T5	.705	.089	.080
	T6	.580	.175	.284
The student and faculty interaction	T12	.774	.017	-.012
	T10	.779	.096	.135
	T11	.717	.154	.253
	T13	.739	.025	.052
	T14	.273	.137	-.256
The collaborative learning	T15	.119	.128	.728
	T7	.181	.137	.712
	T8	.220	.189	.733
	T9	.345	.160	.655
The level of academic challenge	T16	-.049	.298	.313
	T17	-.025	.758	.201
	T18	.051	.843	.200
	T19	.246	.829	.094
	T20	.277	.807	.088
	T21	.346	.672	.057

	Component	
	1	2
T1	.136	.881
T2	.308	.804
T3	.598	.600
T4	.637	.472
T5	.619	.372
T6	.316	.644
T12	.831	.176
T10	.748	.351
T11	.545	.558
T13	.806	.176

		Component		
		1	2	3
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	T3	.832	.135	.084
	T4	.790	.105	.075
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Thanks!

