

Appendix E
List of Studies in the Sample
(n = 42)

Author	Year	Country	Institution	Study Level	Mode of Delivery	Study Duration	Approach	Participants	Ed Tech	BE	AE	CE	BD	AD	CD	O
Abendroth et al.	2008	USA	College	Post	Blended	1 Semester	AR, GT	11		X	X	X		X		
Alcaraz-Salarirche et al.	2014	Spain	University	Undergrad	Blended	1 year	AR	N/S		X	X	X				X
Arnold & Paulus	2010	USA	University	Both	Blended	N/S	CS	8		X	X	X	X			X
Bolden & Nahachewsky	2015	Canada	University	Undergrad	N/S	N/S	CS	9		X	X	X				
Boury et al.	2013	USA	University	Undergrad	Blended	16 weeks	CS	42		X	X	X				
Bulu & Yilidim	2008	Turkey	University	Undergrad	Blended	15 weeks	CS	32		X	X	X	X	X		
Chandra & Chalmers	2010	Australia	University	Undergrad	N/S	10 weeks	Q	200		X	X	X				
Chen & Chiou	2014	Taiwan	University	N/S	Blended	1 semester	QE	81(I) 59(C)		X	X					
Cheng et al.	2015	China	University	Undergrad	Blended	8 weeks	NE	32		X						
Cheng & Chau	2016	Hong Kong	N/S	Undergrad	Blended	11 weeks	NE	78		X						
Cook & Bissonnette	2016	USA	University	Undergrad	F2F	1 semester	CS	20		X	X	X	X	X	X	
Coole & Watts	2009	UK	University	Post	Blended	1 year	CS	154		X		X				
Deng & Tavares	2013	Hong Kong	University	Undergrad	Blended	1 year	EQ	14		X	X	X	X	X	X	
Gibbs & Bernas	2008	USA	University	Undergrad	Blended	6 weeks	NE	46		X	X					
Granberg	2010	Sweden	University	Undergrad	Blended	1 year	MM	56		X		X	X	X		
Gray & DiLoreto	2016	USA	University	Post	Distance	1 semester	NE	187			X					X
Grimley et al.	2012	UK	University	Undergrad	F2F	12 weeks	NE	108		X	X	X	X	X		X
Hatzipanagos & Code	2016	UK	University	Both	F2F	N/S	Q	128		X	X			X		
Hemphill & Hemphill	2007	USA	University	Post	Distance	16 weeks	NE	16		X	X					
Hew (Study 1)	2015	Hong Kong	N/S	Undergrad	Blended	1 semester	CS	39		X	X	X		X	X	
Hew (Study 2)	2015	Hong Kong	N/S	Post	Blended	N/S	CS	65		X	X	X		X	X	
Hexom & Menoher	2012	USA	University	Post	Distance	2 years	NE	N/S			X					
Ikpeze	2007	USA	University	Post	Blended	1 semester	CS	13		X	X	X	X	X	X	
Jabbour	2014	Lebanon	University	Undergrad	F2F	1 semester	NE	38		X	X	X	X	X		
Kim & Keller	2011	USA	University	Undergrad	F2F	4 weeks	E/RCT	56		X		X				
Lee & Lee	2016	South Korea	University	N/S	N/S	N/S	E/RCT	108		X	X					

Author	Year	Country	Institution	Study Level	Mode of Delivery	Study Duration	Approach	Participants	Ed Tech	BE	AE	CE	BD	AD	CD	O
Leese	2009	UK	University	Undergrad	Blended	N/S	Q	74		X	X	X				X
Mentzer et al.	2007	USA	College	N/S	Distance, F2F	1 semester	E/RCT	36			X					
Park & Kim	2015	USA	University	Undergrad	Blended	N/S	MM/NE	18		X	X	X		X		X
Quinn & Kennedy-Clark	2015	Australia	University	Undergrad	Blended	1 semester	MM/CS	84		X	X	X	X	X	X	
Ruane & Lee	2016	USA	University	Undergrad	Distance	1 semester	Q	6		X	X	X				
Saadatmand & Kumpulainen	2013	International	University	N/S	Distance	1 semester	Ethnography	12	 		X	X				
Sharma & Tietjen	2016	USA	N/S	Post	Distance	2 semesters	MM/NE	12	 	X	X	X				
Shepherd & Hannafin	2011	USA	University	Undergrad	Blended	1 semester	Q	6	 	X	X			X	X	
Shonfeld & Ronen	2015	N/S	N/S	Undergrad	Distance	N/S	MM/NE	9	 	X	X	X	X			
Smidt et al.	2014	USA	University	Both	Blended, Distance	N/S	Q	36	 	X	X	X	X	X	X	
Szabo & Schwartz	2011	USA	University	Undergrad	Distance, F2F	1 semester	MM, E/RCT	93	 	X	X	X				
Teng et al.	2012	International	N/S	Post	Distance	1 semester	MM/NE	17	 	X	X		X	X		
Vural	2013	Turkey	University	N/S	Distance	1 semester	NE	318	 	X						
Whipp & Lorentz	2009	USA	University	Post	Blended	N/S	CS	21	 		X	X	X	X		
Yang et al.	2015	China	University	Undergrad	Blended	1 semester	QE	258	 	X	X	X				
Yusop & Basar	2014	Malaysia	University	Both	Blended	14 weeks	QE	30		X	X	X				

Note: N/S = Not stated, Post = Postgraduate, Undergrad = Undergraduate, Both = Postgraduate and Undergraduate, Blended = Blended learning, F2F = Face-to-face, Distance = Distance education, AR = Action Research, GT = Grounded Theory, CS = Case Study, Q = Qualitative study (approach unclear), QE = Quasi-Experimental, NE = Non-Experimental, EQ = Explorative Qualitative, MM = Mixed Methods, E/RCT = Experimental/RCT, I = Intervention, C = Control, BE = Behavioral engagement, AE = Affective engagement, CE = Cognitive engagement, BD = Behavioral disengagement, AD = Affective disengagement, CD = Cognitive disengagement, O = Overall engagement

= Text-based Tools, = Multimodal Production Tools, = Website Creation Tools, = Knowledge Organization & Sharing Tools, = Assessment Tools, = Social Networking Tools, = Synchronous Collaboration Tools, = Mobile Learning, = MOOC, = Virtual Worlds, = Online Learning, = Hardware

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