



<b>Publisher:</b> Institute of Education Science	<b>Link:</b> <a href="#">See access from OsloMet</a>	<b>Description:</b> <ul style="list-style-type: none"><li>• Large research database, including <b>Systematic reviews</b></li><li>• Requires subscription</li></ul>	
<b>Question</b>	What are the effects of using <b>artificial intelligence</b> in teaching on students' ability for <b>critical assessment</b> ?		
<b>Search element / PICO</b>	<b>Intervention (I):</b> artificial intelligence	<b>Outcome (O):</b> critical assessment	<b>Study design (S):</b> systematic review
<b>Search</b>	<ul style="list-style-type: none"><li>• Use Advanced Search</li><li>• Place each search element on its own line, put phrases in quotation marks ("critical thinking")</li><li>• Truncate with an asterisk * to search for multiple endings of a word (abilit* will search for ability, but also abilities)</li><li>• Search for any synonyms for each search element</li><li>• Combine synonyms within the same search element with OR, and different search elements with AND</li><li>• Consider narrowing down to relevant publication years</li></ul> <p><b>Search 1 (P):</b> "artificial intelligence" OR AI <b>AND</b> <b>Search 2 (O):</b> “critical thinking" OR "analytic thinking" OR "cognitive abilit*" <b>AND</b> <b>Search 3 (S):</b> systematic review</p>		
<b>A possible answer</b>	Zhai, C., Wibowo, S. & Li, L. D. (2024). The effects of over-reliance on AI dialogue systems on students’ cognitive abilities: a systematic review. <i>Smart Learning Environments</i> , 11(1), 28. <a href="https://doi.org/10.1186/s40561-024-00316-7">https://doi.org/10.1186/s40561-024-00316-7</a>		