

Review Form 1.7

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_118810
Title of the Manuscript:	The Influence of Learning Styles and Supporting Factors on Academic Performance of High-Achieving Students
Type of the Article	

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p>	<p>This manuscript presents a thorough investigation into the effectiveness of AutoCAD-based digital learning media in enhancing architectural drawing skills. Through rigorous methodology and analysis, the study demonstrates significant improvement in students' performance, highlighting the crucial role of digital tools in modern architectural education. The findings underscore the importance of integrating technology like AutoCAD to optimize learning outcomes and prepare students for the dynamic demands of the architecture industry.</p> <p>The title "The Influence of Learning Styles and Supporting Factors on Academic Performance of High-Achieving Students" seems suitable as it accurately reflects the focus of the study. However, for clarity and specificity regarding the use of AutoCAD in architectural education, an alternative title could be "Enhancing Architectural Drawing Skills: Evaluating the Impact of AutoCAD Digital Learning Media."</p> <p>Yes, the abstract provides a comprehensive overview of the study, including its purpose, methodology, key findings, and implications. It effectively summarizes the development and evaluation of AutoCAD digital learning media in improving students' architectural drawing skills, highlighting the significance of the study's findings for architecture education.</p> <p>Yes, the manuscript's subsections and structure are appropriate, providing a clear organization of the research process from introduction to conclusions. The delineation of sections such as Abstract, Introduction, Literature Review, Research Methods, Results and Discussion, Conclusions, and References facilitates readability and understanding of the study's progression and findings.</p> <p>Overall, the manuscript appears scientifically sound, with a well-defined research question, clear methodology, and detailed presentation of results. However, there are a few areas where improvements could be made to enhance scientific rigor:</p> <ol style="list-style-type: none"> Sample Size and Generalizability: The study involved a relatively small sample size of 21 architecture students from a single institution. While the findings are valuable, they may not be fully representative of broader student populations. Future research could benefit from a larger and more diverse sample to enhance the generalizability of the results. Statistical Analysis: The statistical analysis, including the paired t-test and N-Gain score calculation, appears appropriate for assessing the effectiveness of the digital learning media. However, providing more detail on the statistical methods used and addressing potential sources of bias or confounding variables would strengthen the validity of the findings. Limitations: The manuscript briefly mentions future research directions but could benefit from a more thorough discussion of the study's limitations. Addressing factors such as potential biases, measurement errors, and external validity concerns would provide a more balanced interpretation of the results and guide future research efforts. 	

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<p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>By addressing these aspects, the manuscript can further strengthen its scientific credibility and contribute more robustly to the field of architectural education.</p> <p>The references provided cover a range of relevant topics in architectural education, digital learning media, and related fields. However, while some references are recent, there is room for further inclusion of more recent studies to ensure comprehensive coverage of the current literature in the field. Additionally, considering the rapid advancements in technology and educational practices, it may be beneficial to include references published within the last 2-3 years to enhance the currency of the literature review. Some potential additional references could include recent studies on the effectiveness of digital learning tools in architecture education, advancements in AutoCAD technology, and innovative approaches to instructional design in digital environments.</p> <p>One additional suggestion would be to provide more detail on the instructional design process of the AutoCAD digital learning media. This could include discussing specific instructional strategies used to engage students, promote active learning, and scaffold their understanding of architectural drawing techniques. Additionally, incorporating qualitative data such as student feedback or observations from the instructional design process could provide richer insights into the effectiveness and usability of the digital learning media. By enhancing the discussion of instructional design principles and including qualitative data, the manuscript can offer a more comprehensive understanding of how the AutoCAD digital learning media was developed and its impact on student learning outcomes.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Overall, the language and English quality of the article are suitable for scholarly communication. The writing is clear and concise, making it easy to understand the research process and findings. However, there are a few instances where minor grammatical or syntactical improvements could enhance readability and professional presentation. Proofreading for consistency in tense usage, sentence structure, and word choice can further elevate the article's quality for scholarly communication.</p>	
<p>Optional/General comments</p>	<p>-</p>	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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