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Research Article

Influence of the Certified Public Accountant Licensure Examination on Accounting Students' Attitudes

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ABSTRACT

This research explores the influence of the Certified Public Accountant Licensure Examination (CPALE) on the attitudes and readiness of accountancy students, aiming to improve program outcomes and board examination results. The study surveyed predominantly female respondents aged 19-29, with a monthly family income below 9,520 and a general weighted average ranging from 2.34 to 1.66. Key findings indicate that CPALE significantly affects students' interest and commitment to the program, particularly in enhancing time management skills and study dedication. While demographic factors such as age, gender, family income, and academic performance showed minor program perceptions and preparedness variations, no statistically significant impact was observed. Moreover, a positive correlation was identified between program choice, preparation, and academic practices like group study and practice testing. These findings will help to develop evidence-based techniques and interventions to help students prepare for CPALE, improve their study habits, and increase their overall success rates. Recommendations include involving first and second-year students in future studies, organizing initiatives to boost male enrollment, and promoting comprehensive training and mock exams. Workshops focusing on study habits, time management, and personality development are proposed to enhance student readiness. These findings emphasize the importance of inclusive educational strategies to support all students, regardless of socioeconomic background, and suggest a need for tailored approaches in program design to optimize student preparation and success in the accountancy field.

Keywords: *Accountancy program, Established practices, Program choice, Preparation*

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Introduction

The realm of accountancy education and licensure serves as a critical juncture in shaping aspiring accountants' professional paths and attitudes. The Certified Public Accountant Licensure Examination (CPALE) is central to this developmental journey. This complex assessment tests knowledge and competency and significantly influences students' perceptions and approaches toward their future careers. Given this punitive image of the journey of becoming a CPA, many would opt to skip the accounting course. However, some people would courageously take the course and eagerly want to become a CPA someday, recognizing the global demand for the profession. With the growing and continuous demand for business expansions and amalgamations, a remunerative position is guaranteed for every CPA here and abroad (Calubayan, 2020).

According to Dr. John S. Bala, who is the Vice Chairman of the Board of Accountancy, the CPA board exam in the Philippines is one of the most challenging government licensure examinations. This is because the national passing rates are relatively low compared to other government licensure exams. Obtaining a license is an essential milestone for professionals, as it demonstrates their ability to meet recognized standards of excellence, behavior, and commitment to their field. It serves as a mark of assurance to the public and the government and ensures a strong sense of dedication, responsibility, expertise, and quality towards one's profession (Bangayan et al., 2022).

For the past five years, a close analysis of the national passing performance in the CPALE has revealed significant room for improvement in the quality and consistency of results achieved. Specifically, during the school years between 2015 and 2019, it was observed that there were frequent fluctuations in performance levels, with some years yielding better results than others. The presence of inconsistencies implies the possibility of underlying factors that lead to below-par performance among those taking the test. Therefore, it may be necessary to make more focused efforts to address these issues to improve the overall quality of results obtained in the examination. Based on consensus, most schools and universities did

not get a 100% passing percentage, especially the top-performing schools. Comparing the average rating for the ten examinations from May 2015 to October 2019 of 31%, this result is far below the other profession's board examinations of at least 35% passing percentage. Based on the data provided by the Professional Regulation Commission, the trend in the board examination performance for the past five (5) years from May 2015 to October 2019 with (10) board examinations conducted by the Commission showed low performance (Bangayan et al., 2022).

This study delves into the impact of CPALE on the attitudes and readiness of accounting students, a subject of keen interest within the academic and professional communities. By focusing on the CPALE, we aim to uncover how this pivotal examination molds students' commitment to their field of study, time management strategies, and overall dedication to achieving professional success. As we navigate this exploration, we aim to pinpoint effective strategies and interventions that could enhance program outcomes and board examination success rates, thereby contributing valuable insights into optimizing accounting education. Through a targeted survey and analysis, this research seeks to bridge the gap between academic preparation and professional achievement, offering evidence-based recommendations for fostering a more robust and prepared generation of accounting professionals.

Methods

This study adopts a quantitative descriptive-correlational design to explore the relationships between CPALE preparation and students' academic attitudes and performance. The study's respondents are third- and 4th-year Accountancy students under the College of Business Management and Accountancy at Aldersgate College Inc. A questionnaire checklist adapted from the study of Bangayan et al. (2022) was administered to the intended respondents. The questionnaire has nine main sections. The four-point Likert Scale with descriptions Strongly Agree (4), Agree (3), Moderately Agree (2), and Disagree (1) was used to measure the impact of the CPA licensure

examination national passing percentage on accountancy students' attitudes. Additionally, the four-point Likert Scale with descriptions Very Frequent (4), Frequently (3), Rarely (2), and Never (1) was used to measure the established practices of the respondents. The researchers obtained consent by having the respondents sign a letter indicating their agreement to collect the participants' General Weighted Average (GWA). Surveys will be distributed online and in-person, ensuring a comprehensive reach among the target student population. Where applicable, data was analyzed using Pearson correlation coefficients, t-tests, and ANOVA to determine significant

relationships and differences. All participants will provide informed consent, with the assurance of anonymity and confidentiality upheld throughout the study. The researchers have ensured compliance with ethical guidelines and regulations to conduct the study responsibly and ethically.

Result and Discussion

This chapter comprises the presentation, analysis, and interpretation of the findings resulting from this study. This study aimed to examine the behavior of accountancy students in relation to the Certified Public Accountant Licensure Examination.

Table 1. Socio-Demographic Profile of the Respondents

Age	F	Gender	F	MFI	F	GWA	F
14-19	5	Male	8	Less than 9,520	26	3.00 to 2.33	9
20 – 29	52	Female	50	9,520 to 19, 040	21	2.34 to 1.66	39
30 – 39	1			19,040 to 38,080	9	1.67 to 1.00	10
40 years old and above	0			38,080 to 66, 040	2		
				66, 040 and above	0		

Note: F “Frequency”; MFI “Monthly Family Income”; and GWA “General Weighted Average”

Table 1 shows that most respondents are 20-29 years old, female, with a monthly family

income of less than 9,520, and with a general weighted average of 2.34 to 1.66.

Table 2. Likelihood of Taking the CPALE

Would you take the CPALE?	Frequency	I am more likely to take the CPALE in:	Frequency
Yes	45	May	28
No	13	October	30

Table 2 highlights that most respondents are likely to take the CPALE and prefer to take it in October. According to a study by Castillo in 2017, the October examinations were the focus of analysis since most accountancy schools'

regular annual graduates take the CPA exam during this month. This suggests that timing may play a significant role in the performance of graduates in the CPA licensure examinations.

Table 3. Impact on the program choice of Accountancy students

Interest in the Program	Mean	Interpretation
I am interested and satisfied with my chosen program.	2.89	High Impact
I never thought of shifting to another program.	2.59	High Impact
I am productive in every course subject of my program.	2.54	High Impact
I focused on improving my low points and weaknesses in different accounting course subjects.	3.00	High Impact
I am determined and motivated to pursue this program.	3.05	High Impact
I am eager even though I know some have failed to continue their program choice.	3.10	High Impact
Weighted Mean	2.86	High Impact

Table 3 discloses that the Impact of Interest in the program gained a weighted mean of 2.86, which is interpreted as high impact. This indicates that the CPALE significantly impacts their Interest in choosing the program.

Table 4. Impact on the Capability to Continue the Program

Capability to Continue the program	Mean	Interpretation
I am confident that I will qualify for the accounting profession.	2.71	High Impact
I am aware of the accountant skills I must possess, such as analytical skills and problem-solving skills, and so, I am positive that I have those.	2.86	High Impact
I am sure that I have the potential and ability to continue my chosen program.	2.88	High Impact
I strive harder to become more studious and competitive with my major courses.	2.98	High Impact
I will never lose my spirit in the hope that I will be capable of my chosen program.	2.82	High Impact
I am sure that I have chosen the right path for me.	2.69	High Impact
Weighted Mean	2.82	High Impact

Table 4 reveals that the capability to continue the program has a weighted mean of 2.82 and is interpreted as high impact. This indicates that CPALE significantly impacts their capability to continue the program.

Table 5. Impact on the Preparation of Accountancy Students in terms of Time Management

Time Management	Mean	Interpretation
I always practice the habit of putting first things first.	2.79	High Impact
I set my goals for my daily routine when reviewing and prioritizing them wisely.	2.72	High Impact
I am organized and secure with my timetable review schedule.	2.68	High Impact
I spend most of my time reviewing and doing essential tasks for the board exam.	2.49	Moderate Impact
I tend to double my review time and put more attention to my review rather than procrastinating.	2.53	High Impact
I focused more on my review than on the other work, such as part-time work, household chores, etc.	2.50	Moderate Impact
Weighted Mean	2.62	High Impact

Table 5 presents the Preparation in terms of Time Management. It has obtained a weighted mean of 2.62 is interpreted as having a high impact, which means that CPALE has a high impact on the Preparation of accountancy students in terms of time management. The significant impact of high preparation levels on accountancy students' time management skills highlights a crucial aspect of their academic journey.

Table 6. Impact on the Preparation of Accountancy Students in terms of Supplementary Study

Supplementary Study	Mean	Interpretation
I bought or have my own additional workbooks to expand my learning and strengthen my problem-solving.	2.75	High Impact
I enrolled at online review courses.	1.84	Moderate Impact

Supplementary Study	Mean	Interpretation
I look for different resources on the internet that are helpful with my review.	2.76	High Impact
I practice some mock tests available online and watch YouTube accounting tutorials.	2.45	Moderate Impact
Weighted Mean	2.45	Moderate Impact

Table 6 indicates that in the Preparation in terms of the Supplementary Study, it attained a weighted mean of 2.45 is interpreted as a moderate impact. This means that CPALE has a moderate impact on the Preparation of accountancy students in terms of supplementary study. Students who devote significant effort to supplementary study activities exhibit an increased commitment to mastering course material and expanding their knowledge base.

Table 7. Impact on the Preparation of Accountancy students in terms of Commitment to Study

Commitment to Study	Mean	Interpretation
I see myself being more committed to what I'm doing and taking my review seriously.	2.74	High Impact
I make more massive actions when it comes to my way of reviewing or studying.	2.57	High Impact
I become more consistent to continually learn everything I can in the review materials.	2.72	High Impact
I tend to have the willingness to lose some sleep and saying no to unnecessary things to focus on my review.	2.66	High Impact
I commit myself to never give up and work hard to continue to take and pass the board examination.	2.98	High Impact
Weighted Mean	2.73	High Impact

Table 7 displays the Preparation of accountancy students in terms of commitment to study which attained a weighted mean of 2.73, interpreted as a high impact. It means that the results of CPALE have a high impact on their preparations as to the commitment to study.

Students who prioritize thorough preparation, particularly for the CPALE, demonstrate a strong commitment to their studies, manifesting in consistent effort and persistence in pursuit of their academic goals.

Table 8. Established Practices of Respondents

Established Practices	Mean	Interpretation
Group Study	2.55	Frequently
Practice Testing	2.52	Frequently
Organized Review Materials	2.74	Frequently
Review Schedule	2.71	Frequently
Weighted Mean	2.63	Frequently

Table 8 conveys that the Established Practices of accountancy students are performed frequently. Students with high activity levels

tend to exhibit a more diversified skill set and broader exposure to real-world accounting practices.

Table 9. T-test Result of Perception to Program Choice by Age Group

Age Group	Frequency	Mean	SD	t	Sig.	I	D
14 to 19	5	2.96	.43	.39	.69	No Significant Difference	Accept Ho
20 and older	53	2.85	.59				

Note: I "Interpretation" and D "Decision"

As evidenced in Table 9, there is no significant difference in the perception of the program choice of accountancy of students regardless of Gender. The result is inconsistent with

the study of Porter and Wooley (2014), which reveals that Gender has a significant positive effect on students' program choices.

Table 10. Brown-Forsythe Result of Perception to Program Choice by Income

Monthly Family Income	F	Mean	SD	Sig. (Brown-Forsythe)	I	D
Less than 9,520	26	2.86	.64	.454	No Significant Difference	Accept Ho
9,520 to 19,040	21	2.98	.39			
19,040 and above	11	2.68	.75			
Total	58	2.87	.58			

Note: I "Interpretation" and D "Decision"

Table 10 presents the findings of the Brown-Forsythe test, which reveals no significant difference in the perceptions of accountancy students concerning their program choices based on their monthly family income. This finding implies that the variations in monthly family income may not significantly

influence students' perceptions of their program choices. This is consistent with the study conducted by Law and Yuen (2012), which showed that financial rewards do not influence the decision of students to choose Accounting as a major.

Table 11. ANOVA Test Result of Perception to Program Choice by GWA

GWA	N	Mean	SD	F	Sig.	I	D
3.00 to 2.33	9	3.07	.71	.90	.41	No Significant Difference	Accept Ho
2.34 to 1.66	39	2.86	.54				
1.67 to 1.00	10	2.87	.58				

Note: I "Interpretation" and D "Decision"

Table 11 illustrates no significant difference between the program choice of accountancy students and their GWA. The result of the study aligns with the study of Umar in 2014, which reveals that the respondents had an

impressive general point average of 93.30%, suggesting that students who excel in secondary school subjects are more inclined to choose accounting when applying to universities.

Table 12. Significant Difference in the Preparation by Age

Preparation	Age	N	Mean	SD	t	Sig.	I	D
Time	14 - 19	5	3.00	.29	1.42	.16	No Significant Difference	Accept Ho
Management	20 & older	53	2.59	.63				
Supplementary Study	14 - 19	5	2.75	.59	1.08	.29		
	20 & older	53	2.43	.64				
Commitment to Study	14 - 19	5	2.76	.48	.09	.92		
	20 & older	53	2.73	.63				

Preparation	Age	N	Mean	SD	t	Sig	I	D
Accountancy students	14 - 19	5	2.85	.39	.96	.34		
	20 & older	53	2.60	.58				

Note: I "Interpretation" and D "Decision"

Table 12 displays the T-test results which suggest no significant difference in the Preparation among students, irrespective of their Age. It means that age alone does not appear to be decisive in determining students' preparedness for academic challenges in accountancy.

The result is contrary to the study of Guney (2009), who explored the link between students' age and academic performance. He found that mature students achieve higher grades than youthful students do.

Table 13. Significant Difference in the Preparation by Gender

Preparation	Gender	F	Mean	SD	t	Sig	I	D
Time Management	Male	8	2.52	.90	-.533	.59		
	Female	50	2.65	.57				
Supplementary Study	Male	8	2.53	.78	.352	.73	No Significant Difference	Accept Ho
	Female	50	2.45	.62				
Commitment to Study	Male	8	2.75	.81	.076	.94		
	Female	50	2.73	.59				
Accountancy students	Male	8	2.60	.79	-.098	.92		
	Female	50	2.62	.54				

Note: I "Interpretation" and D "Decision"

Table 13 presents that across all facets of preparation, the T-test results indicate no significant differences based on Gender. The result could be more consistent with the results of the study by Renze Kolster and France Kaiser

(2015), which revealed that female students tend to outperform male students. Female students tend to be more competitive inside the classroom, unlike males.

Table 14. Significant Difference in the Preparation by Monthly Family Income

Preparation	Income	N	Mean	SD	F	Sig	I	D
Time Management	Less than 9,520	26	2.65	.73	4.98	.01	With Significant Difference	Reject Ho
	9,520 to 19,040	21	2.84	.35				
	19,040 and above	11	2.17	.48				
Supplementary Study	Less than 9,520	26	2.33	.77	2.05	.14	No Significant Difference	Accept Ho
	9,520 to 19,040	21	2.67	.42				
	19,040 and above	11	2.36	.57				
Commitment to Study	Less than 9,520	26	2.68	.70	2.58	.08	No Significant Difference	Accept Ho
	9,520 to 19,040	21	2.94	.43				

Preparation	Income	N	Mean	SD	F	Sig	I	D
	19,040 and above	11	2.45	.61				
Accountancy students	Less than 9,520	26	2.58	.69	3.81	.03	With Significant Difference	Reject Ho
	9,520 to 19,040	21	2.83	.34				
	19,040 and above	11	2.32	.48				
	Total	58	2.62	.56				

Note: I "Interpretation" and D "Decision"

Table 14 shows the analysis of the significant difference in students' Preparation when grouped according to their monthly family income. Only two show a significant difference in time management, supplementary study, commitment to study, and accountancy students. According to Adzido et al. (2016), there is a correlation between family income and the

academic performance of Polytechnic students. The study suggests that students from financially stable families are more motivated and engaged in learning, leading to better academic results. Therefore, the solid financial status of families plays a significant role in fostering a conducive learning environment and improving students' academic performance.

Table 15. Significant Difference in the Preparation by GWA

Preparation	GWA	N	Mean	SD	F	Sig	I	D
Time Management	3.00 to 2.33	9	3.02	.66	2.38	.10	No Significant Difference	Accept Ho
	2.34 to 1.66	39	2.58	.57				
	1.67 to 1.00	10	2.47	.67				
Supplementary Study	3.00 to 2.33	9	2.75	.71	2.68	.07		
	2.34 to 1.66	39	2.48	.58				
	1.67 to 1.00	10	2.10	.69				
Commitment to Study	3.00 to 2.33	9	2.98	.72	1.76	.18		
	2.34 to 1.66	39	2.75	.54				
	1.67 to 1.00	10	2.46	.75				
Accountancy students	3.00 to 2.33	9	2.93	.65	2.48	.09		
	2.34 to 1.66	39	2.61	.50				
	1.67 to 1.00	10	2.37	.67				
Total		58	2.62	.57				

Note: I "Interpretation" and D "Decision"

Table 15 presents the outcomes of the analysis of preparation across GWA across all facets of preparation; the results indicate no significant differences based on GWA. The General

Weighted Average has no significant difference in students' social, emotional, and academic preparedness (Magnaye, 2020).

Table 16. Established Practices and Age

Activity	Age	N	Mean	SD	t	Sig	I	D
Group Study	14 - 19	5	2.40	.89	-.48	.63	No Significant Difference	Accept Ho
	20 and older	53	2.57	.72				
Practice Testing	14 - 19	5	2.60	.55	.29	.77		
	20 and older	53	2.51	.67				

Activity	Age	N	Mean	SD	t	Sig	I	D
Organized	14 - 19	5	3.00	.71	.88	.39		
Review Materials	20 and older	53	2.72	.69				
Review Schedule	14 - 19	5	3.00	.71	.94	.35		
	20 and older	53	2.68	.73				

Note: I "Interpretation" and D "Decision"

Table 16 displays the T-test results of the Established Practices concerning age groups. T-test results suggest no significant difference exists in the Established Practices among students, irrespective of their Age. The variations do not reach statistical significance despite the

observed differences in mean scores for practices such as practice testing, organized review materials, and review schedules. Age alone does not significantly influence students' engagement in established study practices, regardless of the specific activities involved.

Table 17. Established Practices and Gender

Activity	Gender	N	Mean	SD	t	Sig	I	D
Group Study	Male	8	2.75	1.04	.83	.41	No Significant Difference	Accept Ho
	Female	50	2.52	.68				
Practice Testing	Male	8	2.38	.74	-.66	.51		
	Female	50	2.54	.65				
Organized	Male	8	2.75	.89	.04	.97		
Review Materials	Female	50	2.74	.66				
Review Schedule	Male	8	2.63	.74	-.34	.73		
	Female	50	2.72	.73				

Note: I "Interpretation" and D "Decision"

Table 17 illustrates that in certain activities related to established practices, the mean score of males is higher than that of females (specifically in group studies and organized review materials). However, the T-test results suggest no significant difference exists in the

Established Practices among students, irrespective of their Gender. Baun et al. (2014) found that personal study plans, study habits, group study, Gender, and time-management skills can affect student exam performance.

Table 18. Established Practices and Monthly Family Income

Activity	Income	N	Mean	SD	F	Sig	I	D
Group Study	Less than 9,520	26	2.46	.81	.45	.64	No Significant Difference	Accept Ho
	9,520 to 19,040	21	2.67	.73				
	19,040 and above	11	2.55	.52				
Practice Testing	Less than 9,520	26	2.46	.81	1.13	.33		
	9,520 to 19,040	21	2.67	.48				
	19,040 and above	11	2.36	.51				
Organized	Less than 9,520	26	2.65	.79	.37	.69		
	9,520 to 19,040	21	2.81	.51				
	19,040 and above	11	2.82	.75				
Review Schedule	Less than 9,520	26	2.58	.86	1.37	.26		
	9,520 to 19,040	21	2.90	.54				
	19,040 and above	11	2.64	.67				
	Total	58	2.71	.73				

Note: I "Interpretation" and D "Decision"

Table 18 shows the analysis of the significant difference in the level of activities of students when they are grouped according to their monthly family income. ANOVA test and Brown-Forsythe test results indicate that there is no significant difference in the level of activities in the established group when compared in

terms of their monthly family income. The result of this study is similar to the study conducted by Ghazali et al. (2021), which reveals that there were no significant differences in the learning habits of students from diverse family-income backgrounds in the context of Malaysia's economy.

Table 19. Established Practices and GWA

Activity	GWA	N	Mean	SD	F	Sig	I	D
Group Study	3.00 to 2.33	9	2.78	.97	1.03	.36	No Significant Difference	Accept Ho
	2.34 to 1.66	39	2.56	.68				
	1.67 to 1.00	10	2.30	.68				
Practice Testing	3.00 to 2.33	9	2.67	.71	.79	.45		
	2.34 to 1.66	39	2.54	.55				
	1.67 to 1.00	10	2.30	.95				
Organized Review Materials	3.00 to 2.33	9	3.00	.71	.74	.48		
	2.34 to 1.66	39	2.69	.65				
	1.67 to 1.00	10	2.70	.82				
Review Schedule	3.00 to 2.33	9	3.33	.71	4.45	.02	With Significant Difference	Reject Ho
	2.34 to 1.66	39	2.59	.72				
	1.67 to 1.00	10	2.60	.52				
Total		58	2.71	.73				

Note: I "Interpretation" and D "Decision"

Table 19 reveals that the significant difference only exists in the aspect of the review schedule. This finding underscores the importance of tailored support and intervention strategies based on students' academic performance levels. According to a study conducted

by Yu in 2011, students who performed well academically were found to engage more consistently in activities such as reading ahead, completing homework assignments, and actively participating in class discussions, compared to their low-performing counterparts.

Table 20. Relationship of program choice, Preparation, and level of activity practices

Practices		Program Choice	Preparation	I	D
Group Study	Pearson Correlation	.229	.504**	With Positive Correlation	Reject Ho
	Sig. (2-tailed)	.083	.000		
Practice Testing	Pearson Correlation	.503**	.673**		
	Sig. (2-tailed)	.000	.000		
Organized Review Materials	Pearson Correlation	.379**	.539**		
	Sig. (2-tailed)	.003	.000		
Review Schedule	Pearson Correlation	.225	.579**		
	Sig. (2-tailed)	.090	.000		

Note: I "Interpretation" and D "Decision"

Table 20 exhibits the Pearson Correlation findings regarding program choice, Preparation, and activity practices. The analysis revealed significant relationships among these

variables. The findings support Khurshid, Tanveer, and Qasmi's (2012) conclusion that a positive correlation exists between study habits and academic success.

Conclusion

In the study, it was observed that most respondents fall into the youngest age range, with a predominant representation of females. Most of these respondents come from a lower income bracket but perform well academically. The research highlights the significant influence of the Certified Public Accountant Licensure Examination (CPALE) on the interest levels of accountancy students in choosing their program. Notably, the findings suggest a substantial impact stemming from the students' perceived capability to continue with the program. In terms of preparation, there is a notable emphasis on developing time management skills and a commitment to study among the students, which has a high impact. However, when it comes to supplementary study, the impact is moderate. The practices adopted by accountancy students, such as engaging in group studies, practice testing, organizing review materials, and adhering to review schedules, are frequent activities. Furthermore, a preference for taking the CPALE in October is observed among the respondents. Notably, the study shows no significant differences in the attitudes of accountancy students towards their program based on their socio-demographic profiles. Lastly, a positive correlation was found between the choice of program, the preparation undertaken, and the established practices, underscoring the interconnectedness of these factors. This interrelationship provides valuable insights into how accountancy students prepare for and approach their board examinations.

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