

# The Relationships of Achievement Goal Orientation、Strategy Use、Test anxiety and Academic Achievement in accounting ...

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## ABSTRACT

The study proceed from students of department of accounting in universities, treating the relationship among achievement goals, strategies use, accounting test anxiety and learning achievements. The subject of study is students of department of accounting in 12 universities, which set up accounting department and related departments, in central Taiwan. The formal examples are added up to 482 copies. The conclusions of the study are: 1. The orientations of achievement goals are plural for students of department of accounting in universities, but it much tent to orientations of approach-performance and avoidance-mastery. Students of department of accounting in universities use strategies commonly, and their cognitive anxiety is more evident. 2. The more the students of department of accounting in universities tend to avoidance-mastery and avoidance- performance, the higher the students have test anxiety. 3. To construct the SEM, which is fit for students of department of accounting in universities, to exam the causal relation among achievement goals, strategies use, accounting test anxiety and learning achievement. The study found that, the more students of department of accounting tend to the orientations of approach-mastery and approach-performance, the more they use strategies to help themselves learning in accounting area. And students of department of accounting who know how to use strategies have apparent promoting influences in accounting tests; the more students of department of accounting tend to orientations of avoidance-mastery and avoidance-performance, the higher accounting cognitive and emotionality anxiety they have. And when they face to accounting tests, the students who have higher cognitive anxiety would get low scores.

Keywords : achievement goals ; strategies used ; test anxiety ; learning achievements

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## REFERENCES

參考文獻 一、中文部份 王仁宏（2004），後設認知策略教學對國小補校成人學生閱讀理解成效影響之研究，國立中正大學成人及繼續教育研究所未出版之碩士論文。王永裕（2005），雲林縣國中、小學生成就目標導向、認知投入、考試焦慮與學業成就之關係研究 - 以數學領域為例，國立彰化師範大學教育研究所未出版之碩士論文。李仁豪（2003），成就目標與學習行為的關係，國立政治大學教育研究所未出版之碩士論文。李仁豪（2005），以結構方程式探討並驗證成就目標與學習行為的關係，教育與心理研究，28卷3期，551-580。向天屏（1999），國中小學生成就目標導向、學習策略、自我跛足策略與學業成就關係之研究，彰化師範大學教育研究所

未出版之碩士論文。杜郁文(2000),中國大陸會計系學生學習行為認知之研究,淡江大學會計學系研究所未出版之碩士論文。余民寧(1987),考試焦慮、成就動機、學習習慣與學業成績之研究,國立政治大學教育研究所未出版之碩士論文。余民寧(2003),考試焦慮量表,未出版。Mayer, R. E. (1987),教育心理學:認知取向(林清山譯),台北:遠流出版公司(原文於1991年出版)。邱上真(1989),後設認知研究在輕度障礙者教學上的應用,特殊教育季刊,30,12-16。林鳳麗(2002),商學學生道德認知之實證研究,國立臺北師範學院學報:教育類,15,163-187。吳明隆(1998),電腦焦慮的性質及其評量工具的介紹,教育部電子計算機中心簡訊,6,42-58。吳明隆,涂金堂(2006),SPSS與統計應用分析,台北:五南出版社。吳靜吉,程炳林(1992),激勵的學習策略量表之修訂,中國測驗學會測驗年刊,39輯,59-78頁。徐玉婷(2003),國中生英語焦慮、英語學習動機與英語學習策略之相關研究,國立成功大學教育研究所未出版之碩士論文。施淑慎(2004),成就目標、自我效能、以及策略使用在考試焦慮上所扮演的角色,國立臺北師範學院學報,17(1),355-378。周齊武,杜榮瑞,肖澤忠(2005),臺灣會計教育之探討(1)-會計教育之研究架構與議題,會計研究月刊,238,107-111。程炳林(2000),中學生自我調整學習之研究,行政院國家科學委員會專題研究計畫成果報告。程炳林(2002),四向度目標導向模式之研究,師大學報:教育類,47(1),39-58。程炳林(2003),四向度目標導向模式之研究,師大學報:教育類,48(1),15-40。彭淑玲,程炳林(2005),四向度課室目標結構、個人目標導向與課業求助行為之關係,師大學報:教育類,50(2),69-95。梁青惠(2005),後設認知策略在高商會計學課程教學之探討,國立彰化師範大學商業教育學系研究所未出版之碩士論文。陳李綱(1988),學習策略的研究與教學,資優教育季刊,29,15-24。陳明珠(1994),國小學童考試焦慮父母管教態度自我效能評估與學業成就之相關研究,國立彰化師範大學輔導研究所未出版之碩士論文。陳順宇(2007),結構方程式-AMOS操作,台北:心理出版社。陳嘉成(1999),成就目標、動機氣候、自我歷程與自我調整策略、持續學習動機和數學成就之關係,國立政治大學教育學系研究所未出版之博士論文。張春興(2002),教育心理學:三化取向的理論與實踐,台北:東華書局。張春興(2006),張氏心理學辭典,台北:東華書局。張錫峰,周齊武(1993),談個案教學與學生管理決策能力之培養(上),會計研究月刊,88,92-98。黃小玉(2001),中級會計學教育之研究--以企管系學生為例,德明學報,18,295-312。鄭麗玉(2002),認知心理學-理論與應用,台北:五南。鍾思嘉(1984),諮商與心理治療-理論與應用,台北:大洋。謝岱陵(2003),國中生四向度目標導向之中介效果分析,國立成功大學教育研究所未出版之碩士論文二、英文部分 Ames, C. (1992). Classrooms: Goals, structures, and student motivation. *Journal of Educational Psychology*, 84, 261-271. Albrecht, W. S., & Sack, R. J. (2000). Accounting Education: Charting The Course Through a Perilous Future. American Accounting Association. Araki, N. (1992). Test anxiety in elementary school and junior high school students in Japan. *Anxiety, Stress, and Coping*, 5, 205-215. Bandalos, D. L., Finney, S. J., & Geske, J. A. (2003). A model statistics performance based on achievement goal theory. *Journal of Educational Psychology*, 95, 604-616. Bloom, B.S. (ED.) (1956), *Taxonomy of Education Objectives - The Classification of Education Goals*, Handbook: Cognitive Domain New York, NY: Longmans Green. Cattell, R. B., & Scheier, I. H. (1961). The meaning and measurement of neuroticism and anxiety. New York: Ronald Press. Dweck, C. S. (1992). The study of goal in psychology. *American Psychology Society*, 3(3), 165-167. Dweck, C., & Elliott, E. (1983). Achievement motivation. In E. Heatherington (Ed.), *Handbook of child psychology* (Vol. 4, pp. 643-691). New York: Wiley. Elliot, A. (1999). Approach and avoidance motivation and achievement goals. *Educational Psychologist*, 34, 169-189. Elliot, A. J., McGregor, H. A., & Gable, S. (1999). Achievement goals, study strategies, and exam performance: A mediational analysis. *Journal of Educational Psychology*, 91, 549-563. Elliot, A., & McGregor, H. (2001). A 2 x 2 achievement goal framework. *Journal of Personality and Social Psychology*, 80, 501-519. Flavell, J. H. (1971). First discussant's comments: What is memory. *development of Human Development*, 14, 272-278. Flavell, J. H. (1976). Metacognitive aspect of problem solving. In L. B. Resnick (Ed.), *The nature of intelligence* Pp231-235). Hillsdale, NJ: Erlbaum. Frierson, H. T., & Hoban, J. D. (1992). The effect of acute test anxiety on NBME part performance. *Journal of the national Medical Association*. Vol. 84 (8), 686-689. Greene, B. A., & Miller, R. B. (1996). Influences on achievement: goal, perceived ability, and cognitive engagement. *Contemporary Educational Psychology*, 21, 181-192. Hembree, R. (1988). Correlates, causes, and treatment of test anxiety. *Review of Educational Research*, 58, 47-77. Hong, E. (1998). Differential stability of individual differences in state and trait anxiety. *Learning and Individual Difference*, 10, 51-69. Liebert, R. M., & Morris, L. W. (1967). Cognitive and emotional components of test anxiety: A distinction and some initial data. *Psychological Reports*, 20, 975-978. Mayer, R. E. (1987). *Educational psychology: A cognitive approach*. New York: Harper Collin Publishers. Meece, J. L., & Holt, K. (1993). A pattern analysis of students' achievement goals. *Journal of Educational Psychology*, 85, 514-523. Midgley, C., Kaplan, A., & Middleton, M. (2001). Performance-approach goal: Good for what, for whom, under what circumstances, and at what cost. *Journal of Educational Psychology*, 93, 77-86. Murray, H. (1938). *Explorations in personality*. New York: Oxford University Press. Nolen, S. B. (1988). Reasons for studying: motivational orientations and study strategies. *Cognition and Instruction*, 5(4), 269-287. Pintrich, P. R. (2000a). The role of goal orientation in self-regulated learning. In M. Boekaerts, P. R. Pintrich, & M. Zeidner (Eds.), *Handbook of self-regulation* (pp. 451-502). San Diego, CA: Academic Press. Pintrich, P. R. (2000b). Multiple goals, multiple pathways: The role of goal orientation in learning and achievement. *Journal of Educational Psychology*, 92, 544-555. Pintrich, P. R., & Schrauben, B. (1992). Students' motivational beliefs and their cognitive engagement in academic tasks. In D. Schunk & J. Meece (Eds.), *Students' perception in the classroom: Causes and consequences* (pp. 149-183). Hillsdale, NJ: Erlbaum. Pintrich, P. R., & Schunk, D. H. (1996). *Motivation in education: Theory, research, and application*. Englewood Cliffs, NJ: Prentice Hall. Pintrich, P. R., Smith, D. A., & McKeachie, W. J. (1989). *A Manual for the use of the Motivated Strategies for Learning Questionnaire (MSLQ)*. Mich: National center for Research to Improve Postsecondary Teaching and Learning (NCRIPTAL), School of Education, The University Michigan. Reed, S. E. (1988). *Cognition: Theory and applications*. Pacific Grove, Ca.: Brooks/Cole. Schunk, D. H. (1996). *Learning theories: An educational perspective*. Englewood Cliffs, NJ: Prentice Hall. Spielberger, C. D. (1972). *Anxiety: Current trends in theory and research* (Vol. 2). New York: Academic

press. Spielberger, C. D., Gorsuch, R. L. & Lushene, R. E. ( 1970 ) .The state-trait anxiety inventory. Palo Alto, CA:Consulting Psychologists Press. Taylor, J. A. ( 1953 ) .A personality test of manifest anxiety. *Journal of Abnormal and Social Psychology*, 48, 285-290. Urdan, T. C. (1997). Achievement goal theory: Past results, future directions. In M. Maehr & P. Pintrich (Eds.), *Advances in motivation and achievement* (Vol.10,pp.99-141). Greenwich, CT: JAI Press. Vermunt, J. D. (1996). Metacognitive, cognitive and affective aspects of learning styles and strategies: A phenomenographic analysis. *Higher Education*, 31, 25-50. Wentzel, K. R. ( 1991 ) .Social and academic goals at school: Motivation and achievement in context. *Advances in Motivation and Achievement*,7,185-212. Wolters, C. A. ( 2004 ) Advancing achievement goal theory:Using goal structures and goal orientations to predict students ' motivation, cognition, and achievement. *Journal of Educational Psychology*, 96, 236-250.