Rungsimaporn Noonoi 2011: A Development of the Self-Directed Learning Characteristics Inventory for Community College Students. Master of Education (Educational Research and Evaluation), Major Field: Educational Research and Evaluation, Department of Education. Thesis Advisor: Mrs. Suntara Tobua, Ed.D. 129 pages.

The research objectives were to 1) develop of the self-directed learning characteristics inventory for community college students 2) study the content validity, construct validity, discriminatory power and internal consistency reliability 3) conduct national norms for the self-directed learning characteristics inventory for community college students and 4) conduct manual of the self-directed learning characteristics inventory for community college students.

The self-directed learning characteristics inventory for community college students was developed through the following steps : 1) Synthesized document and interviewed students and teachers to be used in constructing the instrument the self-directed learning characteristics and create items indication behavior follow the constructing the instrument the self-directed learning characteristics 2) All of items were reviewed for appropriateness by expertees. The inventory was administered to community college students in order to determine the discriminatory power of each items. Construct validity was assessed by factor analysis was used to assess internal consistency reliability. 3) Norms for interpretation of self-directed learning characteristics inventory scores were constructed by 500 students community college students to across the country and 4) A manual for the self-directed learning characteristics inventory was written.

The research result revealed that : 1) The self-directed learning characteristics inventory for community college students consisted measured the self-directed learning characteristics, in six aspects as follow: evaluate their own learning, voluntarily to learn, love of learning, planned learning, need in their own learning and recognise resources learning. 2) The inventory had content validity, construct validity, discriminatory power and the internal consistency reliability of the Inventory was 0.895. 3) The results also included for community college students divided into three levels: high, medium and should be improved 4) the manual of the self-directed learning characteristics inventory for community college students were objective and quality.

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