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Prepared to launch? A study of Thailand's New Entrepreneurs' Creation (NEC) education program

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Prepared to Launch? A Study of Thailand's New Entrepreneurs' Creation (NEC) Education Program

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Abstract: Facilitating the rate of new venture creation is an important goal of many governmental organizations. The goal of this study was to explore the effectiveness of a specific program, the New Entrepreneur's Creation (NEC) program being administered by the Thai government at 12 institutions in Bangkok, Thailand. In this study, 389 participants were recruited and surveyed from the 2008 training class of the NEC. In addition to examining founding intentions, this study assessed four cognitive measures that are likely to influence an individual's perception of his or her preparedness to start a business among participants in Thailand's New Entrepreneur Creation (NEC) education program. These include: entrepreneurial understanding, knowledge of entrepreneurial skills, entrepreneurial attitudes/beliefs, and entrepreneurial self-efficacy.

Entrepreneurial understanding measures basic knowledge of entrepreneurship, the role of entrepreneurs and profit in the economy. Knowledge of entrepreneurial skills assesses the awareness of skills needed during the founding process, such as leadership, persistence, and market opportunity identification. Entrepreneurial attitudes and beliefs assess how perceptions of social status and career satisfaction associated with starting a new venture. Entrepreneurial self-efficacy measures participants' confidence in their abilities to carry out startup and venture founding activities, such as risk management and internal business operations.

The government sponsored NEC program appears to enhance the desire of the participants to become entrepreneurs but might not provide enough concrete information to develop the requisite understanding and skill needed to actually start a business. These findings suggest that public policy initiatives might be better served by bolstering training that facilitates hands-on business creation skills in addition to developing or reinforcing self-efficacy about the process. These implications should provide a platform from which relevant parties can begin to strengthen efforts to develop both entrepreneurial understanding and entrepreneurial skill in aspiring Thai entrepreneurs. It is not sufficient that participants just enhance their



confidence in their abilities to start a business; rather they must also acquire necessary skills and abilities. Enhancements in these areas are argued to increase the likelihood that new ventures may actually be founded, which is the ultimate goal of the program.

Keywords: Entrepreneurship Education, Public Policy, Entrepreneurial Perspective, Entrepreneurial Understanding, Knowledge of Entrepreneurial Skills, Entrepreneurial Attitudes, Entrepreneurial Self-efficacy

1. Introduction

Thailand is one of the leading economies in Southeast Asia. However, the continued development of the second largest economy in Southeast Asia has not always been steady. Over a short period of just a few decades it has experienced tremendous economic changes. Beginning in the late 1980's, and through the years 1987-1990, Thailand's economic output grew by an astounding 69%. Although the region, in this period, was beginning to experience significant growth due to global demand, this was an exceptionally high growth rate even for the region. During the same time frame the economic output of Indonesia, Malaysia and the Philippines grew by 43%, 37% and 33% respectively (IMF World Outlook Database, 2014). The growth rate continued to hold steady as it sustained a level of 8 percent annually into the early 1990s. As the global economy continued to increase in strength, demand for exports from Thailand grew the nation's economy into one of the largest exporters in the world, with exports accounting for over one-third of the national GDP (CIA World Factbook, 2015). By the late 1990's the evolving global economy was booming and as a result Thailand, as a newly emerging industrialized economy, was beginning to out produce its Southeast Asia neighbors. Thailand's growth moved it substantially past the economic output of Malaysia, Singapore and the Philippines and the gap between Indonesia, the area's largest economy and Thailand began to shrink (IMF 2014, GDP database figures 1990-1997). At its peak, the nation's gross domestic product (GDP) was equivalent to approximately 280 billion US dollars and their share of the industrial sector in GDP increased to 32.6 percent. These represented shifts of 330% and 27.2% in just 10 years' time from previously reported levels in 1990.

Unfortunately, the good fortune did not last for long. In July 1997, a widespread financial crisis engulfed Asian economies and the Thai economy began to suffer along with much of Asia. As the growth rate decreased and bankruptcies mushroomed, a multi-dimensional crisis ensued, forcing changes in government policies and strategies on economic growth. Many large corporations, especially in the Southeast Asia region, collapsed during the crisis while many smaller enterprises were able to weather the storm, many remaining stable and some even grew. The economic collapse forced both the people and government of Thailand to search for new answers for improving economic conditions. Out of this search, the Thai government directed a new efforts towards the role of small and medium enterprises (SMEs) in boosting the current economy (Sevilla & Soonthornthada, 2000).

1.1 History of the SME Promotion Action Plan and the Development of the New Entrepreneur Creation Training Program

As a result of the changing needs of the Thai economy and in pursuit of increased new venture creation, Thailand designated The Department of Industrial Promotion (DIP),



Ministry of Industry, as the nodal agency for SMEs. In January 2000, the SME Promotion Action Plan Law was approved by the parliament. As a public policy initiative, the SME Promotion Bill was intended to be comprehensive in its coverage of support to SME's. These areas included: financing and financial support, the development of capital markets specifically for SMEs, attention towards research and development and the dissemination of modern technologies that could assist SMEs. Additionally, goals included advances in product development and quality standards, marketing promotional support, skill development in managerial techniques, informational support including navigating bureaucratic and legal obstacles associated with intellectual property rights, investments and other legislation and regulations associated with doing business in Thailand.

As a comprehensive initiative, a more focused plan, the SME Master Plan was introduced and approved by the Cabinet in April of that year. The SME Master Plan included a significant agenda directed at providing educational support for aspiring entrepreneurs. The SME Promotion Action Plan brought introduced specific goals to facilitating SME development and new venture creation. It called for the promotion and encouragement of new SME establishment and related assistance to existing SMEs to help them survive, grow and compete, with a specific emphasis on the education of entrepreneurs and the personnel with small and medium size enterprises.

1.2 Entrepreneurship Education and Thai's Entrepreneurship Training Program: New Entrepreneur Creation (NEC)

To accomplish these goals the Ministry asked universities and related institutions to organize education and training programs for nascent entrepreneurs that developed their understanding of these changes within the nation and the global economy as well as their abilities to respond entrepreneurially. The Thai government's support for entrepreneurship education was predicated on the assumption that the attitudes, behaviors, understanding, and skills necessary to start a new business could be taught.

In response to the directive of the Thai Government, the Department of Industrial Promotion, initiated the New Entrepreneurs Creation (NEC), program a sixteen-day program offered at no cost to participants. The NEC program was designed to assist citizens in all walks of life in a variety of personal and economic situations. In particular, it was tasked to assist prospective entrepreneurs in developing necessary skills to pursue business opportunities, and promote the adoption of information and communication technology (ICT), particularly internet access in communities and villages.

The program was considered to be the most organized entrepreneurship training program in the nation at the time. The program aimed to 1) support participants to start their own business, 2) support and increase new businesses, 3) strengthen new SMEs within the first three years, and 4) prepare the descendants of entrepreneurs so that businesses could be maintained, as well as continue to employ others and create the opportunity for business expansion (Thailand Productivity Institute, 2007). To be considered for participation, an applicant must be determined to start a business, have achieved at least a vocational education and not be over 60 years old. Included in the program was a day of on-site company visits to initiate relationships with business owners and transfer practical and functional knowledge (i.e., marketing strategy, production technology, human resource, legal, accounting and finance) needed in developing a sound business plans.

The examination of the relationship of cognitions on preparedness to start a new venture in this setting is predicated on the following assumptions: 1) the choice to start one's own



business is a career choice and intentional; 2) the perspective and skills necessary to have a successful entrepreneurial career can be learned; and 3) people will not choose a career they do not understand or appreciate.

1.3 Theory and Hypotheses

The study of entrepreneurship as a career choice has been gaining attention as the demand for entrepreneurship education has increased. As the field has progressed, attempts were made to better understand the choice to enter into entrepreneurship as a career option (in other words, who is more likely to choose entrepreneurship as a career) and later more specifically to understand what influenced the specific intentions for startup. (c.f. Kolvereid, 1996 for a brief review).

The focus in some studies has emphasized attitudinal variables (i.e., attitudes/beliefs and self-efficacy) of intention rather than or in addition to situational and individual variables (Ajzen, 1991; Shapero, 1982). At the heart of many of these inquiries has been Ajzen's Theory of Planned Behavior (1991) which suggests that human action, is guided by the individuals' attitudes and beliefs.

In 1994, Krueger and Brazeal advanced a framework for entrepreneurial potential based on Shapero's (1981; 1982) earlier work on the entrepreneurial event. They suggested that entrepreneurial potential is developed by increasing knowledge of entrepreneurship, building confidence and self-efficacy, and presenting entrepreneurship as a highly regarded, socially acceptable, personally rewarding career choice (i.e., perception of personal desirability, feasibility, and propensity to act).

Drawing on Ajzen's (1991), Shapero's (1981, 1982) and Krueger and Brazeal's (1994) work, Godsey (2006) argued that entrepreneurship education should begin with the development of a perspective that presents entrepreneurship as a viable, attractive career choice for students. It is this perspective that will encourage a student's interest in acquiring the necessary skills to pursue new venture creation. A proper introduction to entrepreneurship has the potential to aid in establishing a solid foundation upon which skill development can more effectively occur in potential and aspiring entrepreneurs. To this end, she proposed a measure of four cognitive constructs that when acting together she termed, entrepreneurial perspective.

These four factors could operate independently or as a higher order construct and be impacted by education. She posited that they were directly involved in both an individual's career choices and their intention to become an entrepreneur. This study assesses, as an initial test, the relationship between each of the four dimensions of entrepreneurial perspective (entrepreneurial understanding, knowledge of entrepreneurial skills, entrepreneurial attitudes/beliefs, and entrepreneurial self-efficacy), independently impacted NEC participants' perceived preparation to start their business. We discuss each below.

Entrepreneurial Understanding. Communicating a basic knowledge of the concept of entrepreneurship, what it involves and the potential options associated with it as a career is, according necessary to achieve both primary and secondary objectives for effective entrepreneurship education (Hills, 1998). Similarly, career choice relies upon fundamental



awareness of a career alternative's necessary processes, required skills, and potential options within a career. According to Gottfredson's Theory (1981; 1996), prior to becoming more active in their personal career development sometime after age 14, individuals subconsciously eliminate certain careers from their realm of possibility or desire. The theory also holds that occupations outside of a created social space are not likely to be considered unless an individual is called to do so. Within the development of cognitive ability and self-creation, some individuals are not even exposed to certain career options due to social and cultural circumstances (be them national, regional, local, or familial). For purposes of this study, entrepreneurial understanding incorporates creating awareness of new venture creation as a career choice and presenting the fundamental concepts associated with starting a business. This element serves to assess the development of knowledge of entrepreneurship and general opportunity recognition (recognition that an opportunity to own a business exists), indicating the following hypothesis:

Hypothesis 1: Entrepreneurial understanding is positively associated with perceived preparedness to start a business.

Knowledge of Entrepreneurial Skills is defined as general awareness of skills associated with becoming an entrepreneur. As individuals become more aware of themselves, they begin recognizing and developing personal skill sets. Knowledge of skills is required in order that a person can align personal and occupational skill requirements. Career choices involve aligning individual interests and goals and skills, abilities, and temperaments. The start of the alignment process requires awareness of both personal skill sets and the skills required within each career alternatives (Gottfredson, 2005; Swanson & D'Achiardi, 2005). The focus of recent educational development efforts on entrepreneurial skill development demonstrates the importance of the knowledge of skills in potential entrepreneurs. For purposes of this study, knowledge of entrepreneurial skills refers to the awareness of the skills required to start a new venture. Knowledge of entrepreneurial skills imparted from successful venture founders helps those not previously exposed to venture creation associate a set of acquirable skills with this potential career option. Specific entrepreneurial skills mentioned in previous research include such things as willingness to take calculated risks (time, equity, or career), creativity in the acquisition and allocation of resources, specific opportunity recognition and evaluation and the ability to assemble an effective venture team (Kuratko, 2005), suggesting the following hypothesis:

Hypothesis 2: Knowledge of entrepreneurial skills is positively associated with perceived preparedness to start a business.

Entrepreneurial Attitudes and Beliefs. According to Armitrage and Christian (2004) and their applied research on the Theory of Planned Behavior, attitudes direct behavior to the extent that they influence intentions. Attitudes have been linked to both career choices in general, and entrepreneurial intentions, specifically. Attitudes and beliefs are justifiably included as elements of Entrepreneurial Perspective due to their relationship with behavioral intentions. The career selection process is one of continuous evaluation. Part of this evaluation consists of assessing the rewards associated with the career. These rewards come in many forms (personal, monetary, social, etc.) and help to form the attitudes that aid in the decision to pursue certain career directions, suggesting the following hypothesis:

Hypothesis 3: Entrepreneurial attitudes and beliefs are positively associated with perceived preparedness to start a business.



Entrepreneurial Self-efficacy. Self-efficacy is a psychological construct proposed by Bandura (1977) that describes an individual's perceptions about his/her capabilities to successfully perform a given task or fulfill a role (Hackett & Betz, 1981; Krumboltz et al., 1976). People pursue tasks for which they feel confident and avoid tasks for which they do not. Selfefficacy has been theoretically and empirically related to both entrepreneurial intentions (Mariola, 2013) and career development for example. Lent and colleagues (1994) suggested that occupational interests are linked to occupational choices through efficacy. Betz and Hackett (1981; 1986) argued that career self-efficacy is a measure of a person's judgment of their effectiveness in relation to the processes associated with career choice and vocational interests and an extension of the concept of generalized self-efficacy. Krueger (1993) suggested that the perceived level of feasibility for successfully starting a new business is an important precursor to the formation of entrepreneurial intentions. Boyd and Vozikis (1994, p. 73), argued "People who have strong beliefs regarding their capabilities will be more persistent in their efforts and will exert greater effort to master a challenge." The perspective of this study is that as individuals become more aware of the skills and roles required of entrepreneurs they become more confident in their abilities to use skills they already have and to acquire skills they need. This confidence then impacts their perspective regarding the possibility of a career in entrepreneurship, suggesting the following hypothesis.

Hypothesis 4: Entrepreneurial self-efficacy is positively associated with perceived preparedness to start a business.

2. Data and Methodology

The list of NEC training programs was obtained from the Department of Industrial Promotion, Ministry of Industry (http://nec.dip.go.th). Over the previous three years the programs had averaged approximately 8,000 participants throughout the country. The majority of the programs (80%) were conducted in Bangkok. Participants were recruited from the 2008 training course by researcher s attending the last session of the program and distributing questionnaires. Four hundred eighty-eight questionnaires were distributed to course participants and 389 questionnaires were returned (an 85% response rate).

2.1 Measures

Preparedness to start was measured using two items from Godsey's (2006) entrepreneurial intentions scale. These items included "I am prepared to start my own business" and "I will start my own business in the next year" and were measured on a six-point scale likert scale of agreement, where "1" is strongly disagree, and "6" is strongly agree. Responses to these two items were multiplied to create a product score as a measure of both preparedness and planning.

Entrepreneurial Perspective Godsey (2006) synthesized several factors that are impacted by education and directly involved in both career choices and the choice to become an entrepreneur. These included entrepreneurial understanding, knowledge of entrepreneurial skills, entrepreneurial attitudes/beliefs, and entrepreneurial self-efficacy. While proposed by Godsey (2006) as a higher order factor, we chose to examine their role as individual constructs with to understand the independent influence of each on the outcomes of the training program.



Entrepreneurial understanding was measured with a 7-item likert scale of agreement (□=.704), where "1" is strongly disagree, and "6" is strongly agree. Sample items included, "A person who starts and operates a new business' describes an entrepreneur better than a manager of a large corporation" and "Over the last 10 years, new small businesses have created more new jobs in the economy than existing large businesses or the Government."

Knowledge of entrepreneurial skills was measured with Walstad and Kourilsky's (1999) 11-item measure of entrepreneurial skills which (□=.906) asked participants to appraise the importance of different skills in starting a business. Sample items included: "Skill in developing a business plan" and "Skill in assembling a team" is important for those who start businesses.

Entrepreneurial attitudes/beliefs were measured with an eight item likert scale (\square =.765) based on Fedorshyn and Tyson's work (2003). It assessed the level of importance of attitudes to successfully starting a business. Sample items included: "A career as an entrepreneur builds better wealth than a career as a manager in a large company" and "I would rather attempt a career in entrepreneurship and fail than reach the end of my life and regret not having tried to start my own business."

Entrepreneurial self-efficacy was measured by eighteen items (\square = .939) from DeNoble, Jung, and Ehrlich (1999), such as "I can develop new methods of production, marketing and management" and "I can develop relationships with people who are connected to capital (funding) sources," using a six-point scale where 1 = not confident/capable and 6 = very confident/capable.

Control Variables. Finally, previous literature has suggested that the choice to start a business may be associated with factors other than the curriculum of an education program. Based on their potential influence on our dependent variable, we controlled for the following variables: age, gender, education level, marital status, children, previous management experience, and prior experience starting a business.

3. Results

Descriptive statistics and correlation statistics for the participant, and study variables are presented in Table 1. The sample was almost evenly distributed between males and females, the majority of participants were single adults, and about half had children. In terms of age, the participants were almost evenly distributed across the three age groups with the majority of participants over the age of 30. Somewhat surprising was the finding that more than 80% of the participants had a bachelors or graduate degree. Almost 60% of the participants had less than 3 years' experience as managers in businesses. Finally, and most unexpectedly, more than 60% of the participants indicated they had experience starting a business.

The the independent variables, entrepreneurial understanding (r = .173, p = .01), knowledge of entrepreneurial skill (r = .164, p = .01), entrepreneurial attitudes and beliefs (r = .343, p = .01) and entrepreneurial self-efficacy (r = .446, p = .01) are positively associated with preparedness to start a business.



Table1. Results of the Correlation Analysis of the Data

Variable	Mea n	Std. Dev.	N	Prepar ed	Age	Gend er	Marit al	Childr en	Educati on	MgntE xp	PrevSta rt	EntUnd er	EntSki ll	EntA tt
Prepared	22.31	10.696	37 7											
Age	2.940	0.837	38 9	.108*										
Gender	0.530	0.499	38 7	-0.017	-0.076									
Marital	0.380	0.485	38 9	0.051	.461* *	-0.012								
Children	1.410	0.725	38 9	-0.057	- .384* *	-0.004	.374**							
Educatio n	3.910	1.078	38 9	157**	-0.043	-0.047	-0.062	.329**						
MgntExp	2.400	1.241	38 9	0.099	.388*	.157*	.330**	208**	-0.018					
PrevStart	1.870	0.866	38 9	.101*	.224*	.113*	.181**	195**	259**	.458**				
EntUnder	0.000	1.000	38 9	.173**	0.058	0.049	.269**	213**	-0.053	.121*	-0.059			
EntSkill	0.000	1.000	38 9	.164**	0.084	118*	.170**	-0.018	-0.036	0.074	0.011	.335**		
EntAttitu de	0.000	1.000	38 9	.348**	0.089	0.01	0.011	-0.082	105*	0.039	0.041	.473**	.431**	
EntSelfEf f	0.000	1.000	38 9	.446**	.156* SN ₄ 923-0265 (Pr	0.0*5 nt)7 ^{ISSN 1923-02}	1 73 (1,5,8 ***) 73 (1,5,8 **)	5 1923 .296 8-8ом;), Copylight/NAISIT Pub	ishe 225 **	.214**	.448**	.338**	.563*

^{*}Correlation is significant at the 0.05 level (2-tailed).

^{**} Correlation is significant at the 0.01 level (2-tailed).



The study hypotheses were tested via a multiple regression with all study variables and controls included in the model and are presented in Table 2. Support was found for two of the four study hypotheses.

Hypothesis 1, "Entrepreneurial understanding is positively associated with perceived preparedness to start a business," was not supported (\Box = .028, p = .598). Hypothesis 2, "Knowledge of entrepreneurial skills is positively associated with perceived preparedness to start a business," was not supported (\Box = .046, p = .342). Hypothesis 3, "Entrepreneurial attitudes and beliefs are positively associated with perceived preparedness to start a business," (\Box = .126, p = .029) and Hypothesis 4, "Entrepreneurial self-efficacy is positively associated with perceived preparedness to start a business," (\Box = .402, p = .000) were both supported.

Table 2. Results of Regression Analysis

Model	Sum of	df	Mean	F	Sig.
	Squares		Square		
Regression	127.632	10	12.763	19.352	0.000
Residual	245.345	372	0.66		
Total	372.977	382			

		Std.			
	В	Err		t	Sig.
(Constant)	4.857	0.239		20.357	0.000
Age	-0.041	0.059	-0.035	-0.687	0.492
Gender	-0.081	0.086	-0.041	-0.937	0.350
Marital	0.123	0.105	0.060	1.172	0.242
Education	0.003	0.039	0.003	0.072	0.943
MgntExp	0.120	0.040	0.151	3.033	0.003
PrevStart	-0.071	0.088	-0.036	-0.812	0.417
EntUnder	0.028	0.052	0.028	0.528	0.598
EntSkill	0.045	0.048	0.046	0.952	0.342
EntAttitude	0.124	0.057	0.126	2.186	0.029
EntSelfEff	0.396	0.055	0.402	7.130	0.000



4. Discussion

The examination of the results reveals mixed results in that only two out of four sub-constructs (i.e., entrepreneurial attitude, entrepreneurial self-efficacy) were significantly related with preparedness at the conclusion of the Thai Government's sponsored training program. While these partially significant results are in line with theory of planned behavior (Ajzen, 1991) and career development that an individual's attitudes and beliefs and entrepreneurial self-efficacy may facilitate the perception of preparedness and the intention to start a business, the lack of significance for the understanding of what entrepreneurship requires for success and the knowledge of the skills required to accomplish business start-up success are troubling.

These results suggest that the NEC program might be reinforcing participants' self-confidence to a point of over-confidence. As a result of such over-confidence participants, might retain the perception that all that is required to start and operate a new business successfully is their belief that they can do it. While confidence in their ability is important, overconfidence or disillusionment can be as significant disadvantage to participants, and is likely an unintended outcome of this version of the NEC program.

Certainly efficacy is a critical attitude that must be developed in order to motivate aspiring entrepreneurs to consider the risks and rewards of business ownership; however a strong practical without the practical knowledge and understanding they are likely to fall victim to the problem of not being able to recognize root causes and symptoms when they arise in their business. Statistics on business startup failure suggest that the more successful startups have actually been less confident at startup than those who failed (Hogarth & Karelaia, 2012). This suggests that a certain amount of confidence is needed, but overconfidence could be detrimental.

Ropega (2011) reviewed the reasons for small enterprise failure and argues that perspective, awareness and being able to identify issues in time to make adjustments is critical. Over confidence could impede a founder's perspective on problem identification regardless of their skills and abilities to solve the problem. Finding that the NEC program was overly successful in building confidence in their participants is both encouraging and discouraging because this outcome was not balanced with the other needed areas of entrepreneurial perspective, namely: entrepreneurial understanding and knowledge of entrepreneurial skills which appeared to be major motivations behind the initiatives of the Thai Government.

The Consortium for Entrepreneurship Education (p. 1, 2008) defines entrepreneurship education as "... not just about teaching someone to run a business. It is also about encouraging creative thinking and promoting a strong sense of self-worth and accountability." Based on these findings it could be suggested that the NEC accomplished the latter, but potentially at the expense of the former. These results suggest that additional inquiry should be directed towards program evaluation and the fundamental knowledge, skills and abilities that are pre-requisite for a successful new venture to launch, as well as to sustain operations over a period of time and avoid an unintended failure.

Finally, the lack of significance with entrepreneurial understanding suggests that the NEC program might not inform or change the minds of its participants about the economic realities that confront new businesses as they had hoped. The non-significant relationship with knowledge of entrepreneurial skills suggest that more attention is needed to address skill



awareness and development associated with not just the launch and startup of the new venture, but in its ability to operate and survive in its current economy.

The Thai government's program (NEC) appears to enhance the desire to the participants to become entrepreneurs but might not do enough to develop the requisite understanding and skill needed to move from belief to action to start a business. This finding should provide support for relevant parties to pursue programmatic change specifically in these two areas (i.e. entrepreneurial understanding and entrepreneurial skill). While they have strong confidence that they can start a business, they should also acquire necessary understanding and skill. This may insure the rate of founding and operational success which is the ultimate goal of the program.

As previously discussed, the NEC program aimed to 1) support participants in starting their own business, 2) support and increase new businesses, 3) strengthen new SMEs within the first three years, and 4) prepare the descendants of entrepreneurs so that their businesses could be maintained, and continue to employ others and create the opportunity for business expansion (Thailand Productivity Institute, 2007). While these are good goals to have, they may not have been specific enough for the development of the training program itself. Attention towards learning objectives could assist in the development or refinement of future programs of this nature.

Changes such as these to the NEC may increase the likelihood of new ventures being founded and their eventual success. Although Thailand, as well as much of Southeast Asia, has recovered economically from the worst of the downturn in the late 1990's and early 2000's, economic growth is still a concern for the country and the region.

While this study was conducted in 2008 and we are unable to connect this training program to the country's current economic climate, recent analysis suggests that GDP growth rates from 2012-2018 for the region (i.e. Malaysia, the Philippines, and Thailand) will all be relatively flat or actually decrease. Leaving Singapore as the only one projected to experience economic growth (OECD, 2013).

For Thailand the importance of these findings are even more important as they look to their economic future. Recent political changes may adversely impact future economic growth (The Economist, 2014) and a re-emphasis on entrepreneurial training may be paramount.

This study was conducted on an existing training program and was an early test of Godsey's (2006) Entrepreneurial Perspective constructs. Future research could consider measurement of the participants at the beginning and throughout the program. The constructs of Entrepreneurial Perspective could be a means to measure the accomplishment of entrepreneurial training program goals for this NEC program as well as similar entrepreneurial development programs throughout the world.



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