

**Guidelines for Managing Practical Nursing Studies (PN) in Vocational Education Institutions:  
Study of Practical Nursing Branch Competency in Thailand and Overseas by Content Analysis.**

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This research is an academic document research. And articles both in Thailand and abroad to study the competencies of practical nursing in Thailand and abroad. The scope of this study consisted of competencies in Practical Nursing (PN) of Thailand and abroad as USA, England, Japan, Singapore, and the Philippines. The Data analysis is a content analysis.

From the research, It was found that the Practical Nursing 's competencies consisted of 1) Simple nursing practice, 2) Able to collect recordings. And able to the report information ability, Variable patient information 3) Specific tasks assigned by patients with stable / mild symptoms 4) Supervising the movement and exercise of the patient. 5) Assessment of the patient's condition using simple tools 6) Drug delivery in health care facilities provided by a practitioner or in a place where a person resides independently. Steady or predictable situations of illness. 7) Knowledge in the use of technology and information. 8) Knowledge of morality, ethics and laws and require practical training. Practice in hospital. The qualification is accredited under the Nursing Council of Thailand. While at the School of Practical Nursing (PN) Abroad, the competency of students, Teachers, and educational administration Where registered nurses are teachers. The place of practice is a hospital or nursing home. But there is a difference in the student's educational establishment. In Thailand there are no practical nursing branches (PN) in a technical or technology college in an educational institution in the public sector as well as abroad, for example Singapore Philippines, Japan, Graduates have been awarded a certificate of professional qualification or have a license; The LPN (Licensed Practical Nursing) is tested by the National Council of Nursing (NCLEX-PN). Those who have completed a vocational education institution receive an LVN (Licensed Vocational Nursing) qualification.

**Keywords:** Practical Nursing Competency, Guidelines for educational management, Vocational education establishment

## 1. Introduction

Most countries around the world, including Thailand are facing with the people's health problems due to social, economic, environmental, and medical advances. A technology helping Thai people to prevent the disease and accident. There is a great deal of promotion of self and family health, allowing Thai people to live longer in lifestyle changes. Most of the health problems in the elderly are due to deterioration with age and chronic disease. In this regarding, the Nursing Council that issued individual health care standards was still aware and needed for health care of the population. Such as protection at Health promotion. Caring for the elderly who need a dependency to foster and healthy and health with illness.<sup>1</sup> These elderly people need caregivers such as nurses, Practical Nursing. Including medical personnel in high demand.<sup>2</sup> There is an education of the need for health care in Thailand found that there is a need for human manpower in the next 10 years. There will be a need for people to take care of healthy people in the future.<sup>3</sup> The Faculty of Nursing, Ubonratchathani University found that 98.6% had a high demand to produce Practical Nursing<sup>4</sup>. In the present moment, the production of Practical Nursing (PN). Increasing due to demand of the labor market in the health service, the vocational school had less production in the field of Practical Nursing. Most of them are nursing assistant staff (AN).

According to the national strategic plan, there is a policy to increase the rate of vocational education workforce to meet the market and social needs. Educational process for making different regulatory requirements There must be an analytical study according to the conceptual framework of educational management.<sup>5</sup> These include 1) learners, 2) educational institutions, 3) teaching and learning, 4) teachers, 5) curriculum, and 6) education administrators. The results of the education management are Vocational education establishments can produce nursing assistant courses to meet market demand. The learners are knowledgeable, capable and have operational skills.<sup>6</sup>

Therefore, the researcher wishes to study the Practical Nursing's competency. (PN) in educational institutions in Thailand and foreign countries that affect the educational management the nursing assistant degree in vocational education in Thailand in the future.

**2 Study objectives:** To study the competencies of the Practical Nursing branch (PN) in educational institutions in Thailand and abroad.

**3 Research scope:** Analyze operational documents according to the competency of opening a practical nursing branch. (PN) in Thailand and abroad

## 4. Population and sample

Practical Nursing schools (PN) in Thailand that are currently open to teach a total of 74 educational institutions controlled by agencies, divided as follows: 1. Ministry of Public Health, number 26 2. Ministry of Defense / National Police, number 4 3. Ministry of Higher Education Science Research and Innovation with 44 universities in the study of academic documents and articles, including the study of Practical Nursing schools (PN) abroad is United States<sup>8</sup>, England<sup>9,10</sup>, Japan<sup>11,12</sup>, Singapore<sup>13</sup>, and the Philippines<sup>14</sup>

## 5. Research results:

From document studies Related research and literature are detailed in this Table 1, and 2

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**Table 1 Comparative study of the competency of PNin Thailand**

<b>Place</b>	<b>1.Educational institutes</b>
<b>Ministry of Public Health=A</b>	26 schools for Practical Nursing (PN)
<b>Ministry of Defense / Royal Thai Police=B</b>	1. 1 Royal Thai Army Nursing College 2. 1 Naval Nursing College 3. 1 Air Force Nursing College 4. 1 Police Nursing College
<b>Ministry of Higher Education, Science, Research and Innovation=C</b>	1. Public universities, number 40 2. 28 state autonomous universities 3. 23 private universities 4. Universities affiliated with local government, amount 1 place

**Table 1 (1)Comparative study of the competency of PN in Thailand**

<b>Place</b>	<b>2. Course structure</b>
A	Course structure throughout the program, 37 credits=1) General education subjects not less than 6 credits 2) Specific subjects no less than 28 credits 3) Elective courses of not less than 2 credits
B	The curriculum structure has a number of 35 credits. = 1) General education category 6 credits 2) Specific subject category 28 credits 3) Specific academic category 1 credits
C	The total curriculum structure of 37 credits consists of 1) General education category 7 credits 2) Specific subject category 28 credits. 3) Elective category 2 credits

**Table 1 (2)Comparative study of the competency of PNin Thailand**

<b>Place</b>	<b>3. Course Competencies Practical Nursing</b>
A	Practical Nursing are able to provide basic health care to people. Under supervision and control of the practice in nursing and midwifery To ensure safety, Able to prepare and maintain medical equipment efficiently. Have a good

	attitude in, Perform tasks and work with the health team
B	Knowledge and ability to make recommendations Help and care for the service recipient at By the control of professional practitioners, Providing basic care. Have a good attitude to help, Take care of service recipients That covers holistically as well as in normal conditions. And illness, Having morals, ethics, respect for dignity, human values, and good human relations.
C	- Help look after people in basic needs, Track and record changes, signs and symptoms of the disease. And the needs of patients and relatives, Help to prepare equipment and environment Surrounded in a simple medical examination., Helps perform first aid in emergencies under the supervision of a nursing professional., Have a positive attitude to helping people., Have good human relations in the work, Have morality and ethics.

Table 1 (3)Comparative study of the competency of PNin Thailand

Place	4.Qualifications of the learners
A	Have Thai nationality have at least a high school diploma (Grade 5 or M. Chest of Education Certification. least 16 -45years of age Weight not less than 40 kg. Height at le 150 cm. Have complete physical and mental health. Never had to be punished
B	1 Completed Grade 6 Not accepting comparable graduates Professional. 2. Be healthy and strong. 3. Have good behavior4 Not being a resident during government sta Not being released for an offense or expelle

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	from the government 6. Not being an accus or a defendant in a criminal case
C	1. Have at least a high school diploma (m.6) or equivalent according to the curriculum accredited by the Ministry of Education 2. At least 16 years of age on the start date of studies 3. Good physical, mental, emotional, social and personality to education and performance 4. being able to get an education

**Table 1 (4)Comparative study of the competency of PN in Thailand**

Place	4.Qualifications of the learners
A	Have Thai nationality have at least a high school diploma (Grade 5 or M. Chest of Education Certification. A least 16 -45years of age Weight not less than 40 kg. Height at least 150 cm. Have complete physical and mental health. Never had to be punished
B	1 Completed Grade 6 Not accepting comparable graduates Professional. 2. Be healthy and strong. 3. Have good behavior4 Not being a resident during government sta Not being released for an offense or expelled from the government 6. Not being an accus or a defendant in a criminal case.
C	1. Have at least a high school diploma (m.6) or equivalent according to the curriculum accredited by the Ministry of Education 2. At least 16 years of age on the start date of studies 3. Good physical, mental, emotional, social and personality to education and performance 4. being able to get an education

**Table 1 (5)Comparative study of the competency of PNin Thailand**

Place	5.Qualifications of the learners
A	Specialist and experienced in nursing and Be a Registered RN Registered Nurse
B	Faculty of Nursing, College of Nursing Faculty of Professional Nursing, Police Hospital,

	department that Practice and hospital network
C	Faculty of Nursing, College of Nursing Faculty of Professional Nursing, Police Hospital, department that Practice and hospital network

Table 1 (6) **Comparative study of the competency of PNin Thailand**

Place	6. Credits	7.Study length
A	36–38 credits	1. The period of study is 3 semesters, and each semester is 15 weeks, totaling 1 year
B	35-37 credits	Course duration 1 year 2 semesters, 1 summer semester
C	36-37 credits	Course duration: 1 year, 2 regular semesters and 1 summer semester

Table 1 (7)**Comparative study of the competency of PNin Thailand**

Place	8.Qualifications of the learners
A	Under the Royal Society of Thailand Ministry of Public Health (29 institutions) directed by the College of Nursing, Boromarajonani College of Nursing in each province such as Bangkok, Nopparat, Phayao, Yala, Lampang, Chonburi, accredited under the Nursing Council of Thailand.
B	Under the Ministry of Defense (3 institutions) Royal Thai Army Nursing College 2. Air Force College of Nursing 3. Navy nursing college Under the Royal Thai Police (1 institute) is Police Nursing college. Accredited under the Nursing Council of Thailand
C	Under the Ministry of Higher Education, Science, Research and Innovation Directed by the government with the Faculty of Nursing in each university. Private educational institutions directed by the Faculty of Nursing. Under the jurisdiction of Bangkok is a management

Table 2: **A Study of the Competency of PN in Thailand and international metaphorical**

Country	1. Number of educational institutes
Thailand	74 Practical Nursing Schools (PN)
USA	University in each state In the USA there are many colleges in each state. Nursing College. Nursing Community Schools

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<b>Engl</b>	College Technical School, some hosp Bang Secondary, School Places that courses
<b>Japan</b>	A nursing college., A medical facility, 15 national universities., State University 15 places.27 private schools in total 695 universities in the country
<b>Singapore</b>	Technical colleges and in Singapore have polytechnics, 9 prestigious universities and accredited vocational. and community colleges
<b>Philippines</b>	Technical college- Technical school, Col of Nursing courses, there are 29 locations

**Table 2: (2)A Study of the Competency of PN in Thailand and international metaphorical**

<b>Country</b>	<b>2. Course structure</b>
<b>Thailand</b>	The course 36 credits 1. General education courses, not less than 6 credits 2. Specific courses, not less than 2 credits 3. Elective courses, not less than 2 credits
<b>USA</b>	1. General education. 2.Take care community mental health with an emphasis on ethics and professional practice Ethical maintenance of medical equipment 3. Elective subjects can take care of community
<b>England</b>	Anatomy and Physiological Structure Health assessment, Ethics in Nursing pharmacology, - Human health and disease, NCLEX-PN review and test
<b>Japan</b>	1. Know the structure and functions of the human body 1) The physical science system.2) The basics about nursing. 3) Basic understanding of nursing theory.4) The standard of care 8) Able to take care of the patient. 9) Use to the principle of a pharmacist.10) Able to use the principles of mental health management
<b>Singapore</b>	There are skills and abilities: 1) meeting the needs of the patient. 2) Take care of basic patients under the supervision procedures and guidelines 4)

	Participate in care training 5. Skills and ability to acquire additional knowledge on a regular basis. 6) To accept responsibility
<b>Philippines</b>	Subjects studied are as follows. Medical terminology, doctor Clinical nursing, Mental Health Nursing, Adult Nursing, Management in the health team.

**Table 2:** (3)A Study of the Competency of PN in Thailand and international metaphorical

<b>Country</b>	<b>3. Competency of the Practical Nursing Program</b>
<b>Thailand</b>	1) Uncomplicated medical practice 2) Record and report data 3) Record patient data 4) Receive specific assignments 5) Supervises the Movement and exercise of the patient.6) Assessments of the patient's condition using simple tools. Knowing of technology and formation. 8. Be virtuous, ethical, and legal.
<b>USA</b>	1) Treat customers fairly and fairly. And members of health care team 2) have knowledge and use of technology and information in the care of 3) have moral, ethical and legal aspects. 4) Professional self-control Comply with applicable laws and standards of both governing bodies 6) Service behavior. A healthy and safe work environment
<b>England</b>	1) Providing effective clinical information. 2) improve patient care outcomes 3) Work together as a 4) working together as a team 5) Participate in the National LPN Conference 6) Take care of the patient's health 7) Be a local adviser.
<b>Japan</b>	Learners have knowledge and abilities 1. Assist in exams or procedures as recommended by criteria or doctors. Consult with nurses and doctors About the care plan 3) Be able to keep a record of the patient's health. About health care
<b>Singapore</b>	1) Have effective communication in nursing. 2) patient care is delivered 3) empowered Patient in self-care 4) Emergency response and crisis management 5) Health care professional 6) Legal and ethical 7) Infection prevention and control 7) Quality improvement and safe practice 9) Quality, safety, and health
<b>Philippines</b>	Learners have knowledge and ability in 1) in the use of medical terminology 2) in clinical nursing 3) in mental health nursing 4) in adult nursing 5) Competence in management.



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**Table 2: (4) A Study of the Competency of PN in Thailand and international metaphorical**

<b>Country</b>	<b>4. Study length</b>	<b>5.Number of credits</b>
Thailand	1 year	35-38 credits
<b>USA</b>	1 year Duration of course of the year	courses = 56. Credits General knowledge credits. Knowledge of core profession 44 credits
<b>England</b>	1 year	Theoretical education 50% practical 50%
<b>Japan</b>	1 year	-
<b>Singapore</b>	1 year has 2 semesters spring and autumn	-
<b>Philippines</b>	1 year =12 months in summer, ends in spring	-

**Table 2:(5) A Study of the Competency of PN in Thailand and international metaphorical**

<b>Country</b>	<b>6. Qualifications of the Instructor</b>
Thailand	To be a professional nurse teacher The competency of the teachers must be proficient both theory and practice in nursing. Nurse registered as an RN(Registered Nurse). Coordinate many parties
<b>USA</b>	Instructor is a registered nurse. Doctor of health team of the hospital- University lecturer, Faculty of Nursing
<b>England</b>	Become an RN Registered Nurse, Dietitian Doctors of the health team Registered Nurse
<b>Japan</b>	Registered nurse faculty of Nursing at the University, Hospital health team that practice
<b>Singapore</b>	Be a registered nurse, Teacher of Faculty of Nursing, Health teams such as pharmacists, doctors, nutritionists All teachers are knowledgeable in photography profession. Able to spread knowledge

<b>Philippines</b>	Faculty of Registered Nursing, Nursing College Teacher, Lecturer of the Faculty of Nursing, Saksat Hospital health team
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**Table 2: (6)A Study of the Competency of PN in Thailand and international metaphorical**

<b>Country</b>	<b>7. Qualifications of the learners</b>
Thailand	Female height 150-160 weight not less than 40 kg, 155 cm in physical and mental aspects normal Good behavior, smooth hundred, do not use drugs of all types, no prison case
<b>USA</b>	High school or equivalent, Graduation grade 12, Read English and mathematics, Pass the TOEFL, ACT, Strong Shin Health, no tuberculosis decease. history of vaccination
<b>England</b>	18 years old, Study for 12 months, Finish high school, Strong Shin Health
<b>Japan</b>	High school, 18 years old
<b>Singapore</b>	Graduated from high school, does not choose race, gender, religion, no disability. Practical training with have a history of vaccination. Aged 16 years or more
<b>Philippines</b>	High school graduates, Transcripts, must be 18 years old No criminal and drug history. Evidence of immunization as mandated by law.

**Table 2: (7) A Study of the Competency of PN in Thailand and international metaphorical**

<b>Country</b>	<b>8. Direction</b>
Thailand	Ministry of Public Health Defense Line Ministry of Higher education Science Research and innovation. There is a university directed by the Faculty of Nursing. By using educational management guidelines under the certification of the Nursing Council of Thailand
<b>USA</b>	Directed by the US Department of Labor.

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	Education qualification is this announcement LVN Practical Nurse Card (Licensed Practical Nurse) Controlled by the Ministry Education of America
<b>England</b>	- Ministry of Public Health regulates nursing Faculty of Nursing in the University, Nursing College , Nursing school
<b>Japan</b>	Regulated by the Ministry of Health, Labor and Welfare Directed by the National Council of Public -Health Nurses Association (JNA). The leader of the National Nursing practical nursing Organization is the Examination-Based LPN (NCLEX-PN).
<b>Singapore</b>	Ministry of Public Health is directed by the University Faculty of Nursing. Professional and vocational colleges. Set by the Nursing Council NCLEX-PN Quiz
<b>Philippines</b>	Ministry of Public Health controls Directed by colleges. Get accredited by the Council of Nursing Council in that state., CLEX-PN test

## 6. Conclusion:

From Table 1,2, the results of the study found that Practical Nursing (PN) work in educational institutions according to the key components: 1. Learners 2. Educational Institutions 3. Teachers 4. And the educational administration burdens have the details are: 1. Qualifications for students when they graduate have a professional degree (Vocational Certificate) by qualifying for graduating at the end of the study, having complete physical and mental health. Under the supervision of registered nurses: Nursing practice is not complicated, uncomplicated. And can report information ability, variable patient information 3) Specific tasks assigned by patients with stable / mild symptoms 4) Supervising the movement and exercise of the patient 5) Assessment of the patient's condition using simple tools 6) Drug delivery in health care facilities provided by a practitioner or in a place where a person resides independently. Steady or predictable situations of illness 7) Must have knowledge of the use of technology and information 8) Knowledge of morality, ethics, and law.2.Competency of educational institutions must be ready for education. Practical training, working with real patients and educators are registered nurses in hospitals. A medical facility with tools available to make learners have skills, knowledge, and competence according to the instructional curriculum 3. Teacher Competency In each school, there will be teachers who teach as professional nurses. Directed by the Faculty of Nursing under the University College of Nursing 4. Educational Administration Duration of study is 1 year, credit card assignment, school that has opened the course

is customized. Semester assignments, including teaching and learning, were determined by the respective educational institutions 35-38 credits were found. Measurement and Evaluation: Graduates must be of integrity, ethics, professional ethics, character traits, and cognitive skills, indicating those who have achieved the core competencies and general competencies in providing basic personal care in their Human life Nursing Council courses in each country Graduates receive a certificate of professional qualification in or have a license; LPN (Licensed Practical Nursing) is tested by the National Council of Nursing (NCLEX-PN). Those who have completed Vocational Education will receive a qualification which is LVN (Licensed Vocational Nursing). In school education a Practical Nursing (PN) abroad. The composition is similar when compared, it is found that Most are the same in client care with human life at the center. Have competencies of learners, teachers, and educational administration Where registered nurses are teachers the place to practice is a hospital or nursing home. But there is a difference in the student's educational establishment in Thailand there are no Practical Nursing (PN) branches in technical or technology colleges, in public education institutions like abroad, such as Singapore, Philippines and Japan

## 7. Reviews

According to the findings, there are differences in the competency of the Practical Nursing Branch (PN) in Thailand

and abroad in the approach to education management. There is a vocational college abroad in the field of Practical Nursing (PN) under the supervision of the College of Technology. Or technical college by having a teacher as a health team, A professional nurse with a network hospital, when successful, can test the competency of the National Nursing Council, NCLEX-PN, organized in Thailand. This field is available in the private sector under the supervision of the faculties of the university. Nursing Science or Nursing College Nursing Assistant Studies (PN) based on the conceptual framework of educational management Graduates must have desirable competencies, core competencies, professional competencies. General performance to assist individuals with basic needs in all holistic human life, graduates must have: 1. Cognitive competencies: knowledge, memory, understanding, implementation, analysis, synthesis, and estimation. Range is the imitation of the correct skill. Having continued action until it was accustomed 3. The mind is learning. Meet the creation of value Systematically until it is a habit. When graduates are able to perform their jobs, each educational institution can provide education Meets the required competencies if there is a real practice training facility, that the teacher actually has expertise in that area In the process of opening of the Practical Nursing Program (PN). The management of education should be coordinated by many departments according to the core curriculum structure of each country's Nursing Council. Must have a theoretical faculty to provide knowledge in this area 2. Knowledge of a specific profession, there are both theoretical and practical in this section. There must be a lot of participation, namely Nursing teacher Professional nurses in hospitals who teach practical work. The place to study is a hospital or nursing home. 3. Elective courses are available in the community sector. Must have knowledge of socializing, helping human life in different communities.

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