



An experience in developing nursing curriculum using AUN-QA

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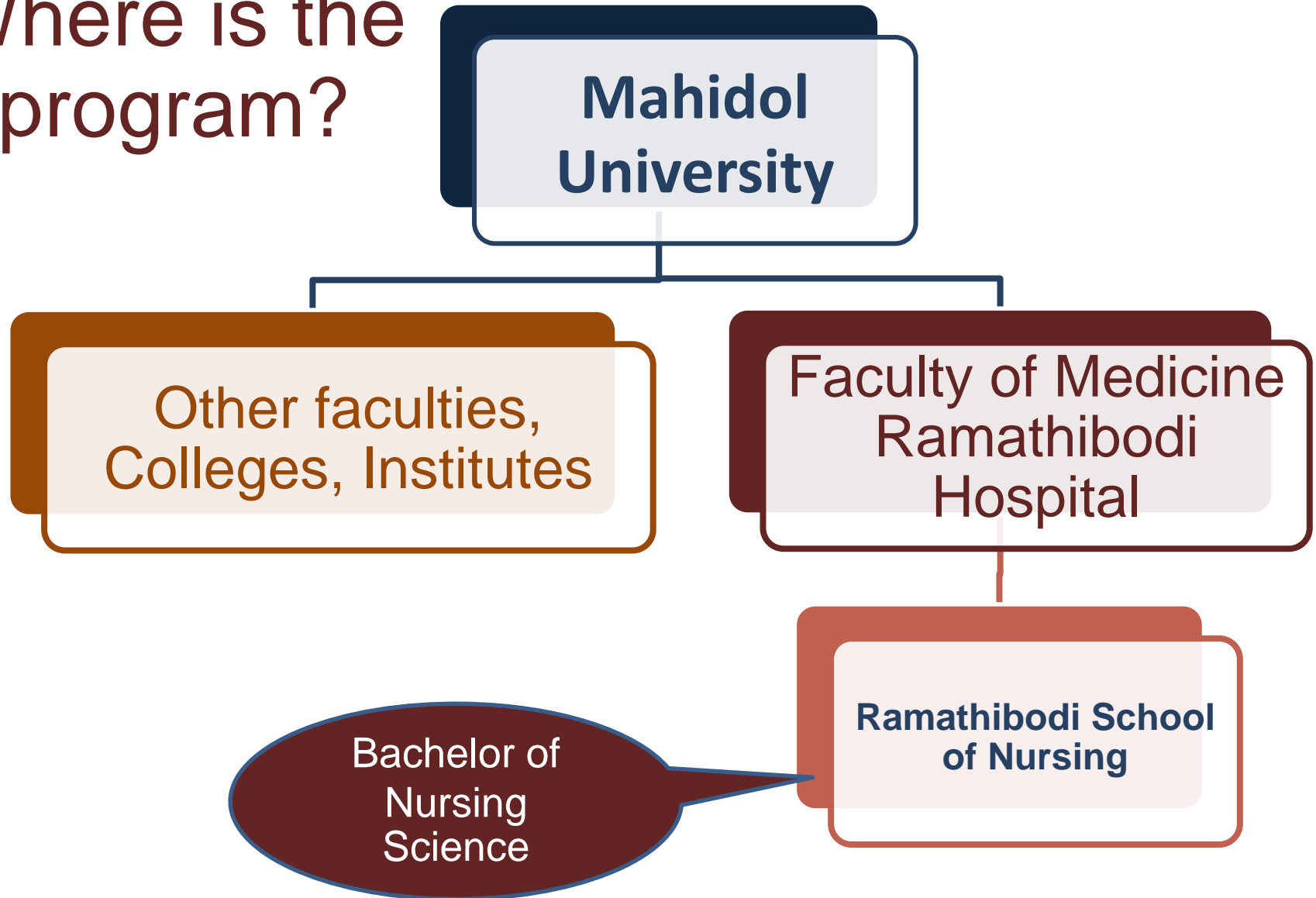
Ramathibodi Hospital

Mahidol University

Bachelor of Nursing Science (since 1969)



Where is the program?



Accredited and approved by

- Thailand Nursing and Midwifery Council
- University Council
- The Office of Higher Education Commission (OHEC)
- AUN-QA

Why new development?

- “Users” complaints
- Top down “Policy”
- Organization “vision” and “mission”
- Changes in socioeconomic , environment, and population structure
- Changes in “learners”

Problems of newly graduated nurses

- Limitations of applying knowledge to practice
- Limitations of problem solving, leaderships, communication, and critical thinking skills in clinics
- Reluctant to face with clinical situations
- Lots of money spent on new staff trainings

Mtshali, 2005; Lowden et al, 2011

Development in each era in Thailand

- Thailand 1.0 = Agriculture
- Thailand 2.0 = Manufacture/Factory
- Thailand 3.0 = Computer/ IT
- Thailand 4.0 = digital – Huge data gathered online
Digital technology is part of life
Smart phone is one of human organ



Thailand Edu 4.0

- Respond to stakeholders' needs
- Outcome-Based
- Transformative education
- Use formative – summative evaluation to achieve learning outcomes



**ASEAN
University
Network**

What is AUN-QA?

ASIAN UNIVERSITY NETWORK-QUALITY ASSURANCE

Curriculum
level

Institution
level

Outcome-
based

AV & IT

Library

Skill & simulation
labs

QA

Education
/academic
staff

Clinical
placements

HR

Quality of graduates,
our responsibilities??

Dormitories

Students
affairs

support
staff/units

Feeding

Infrastructure

Health concern

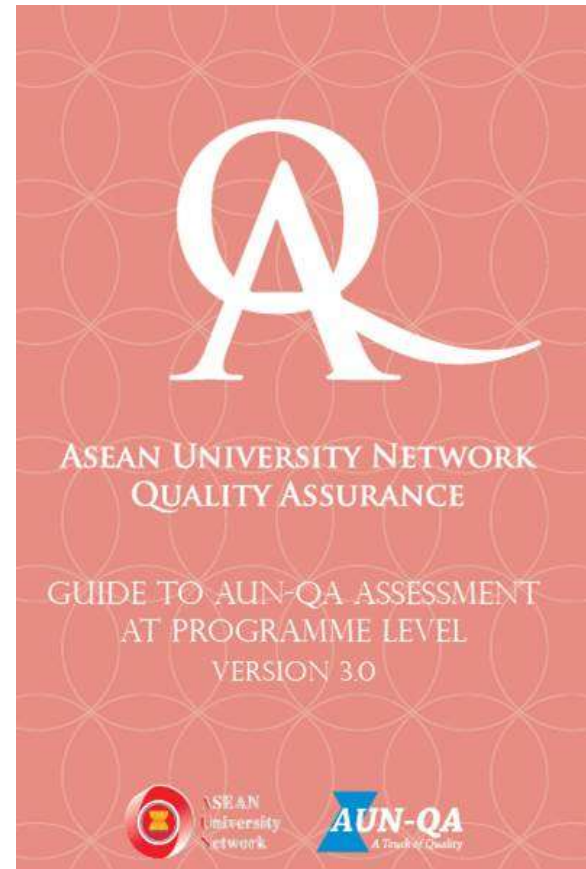
Academic
department

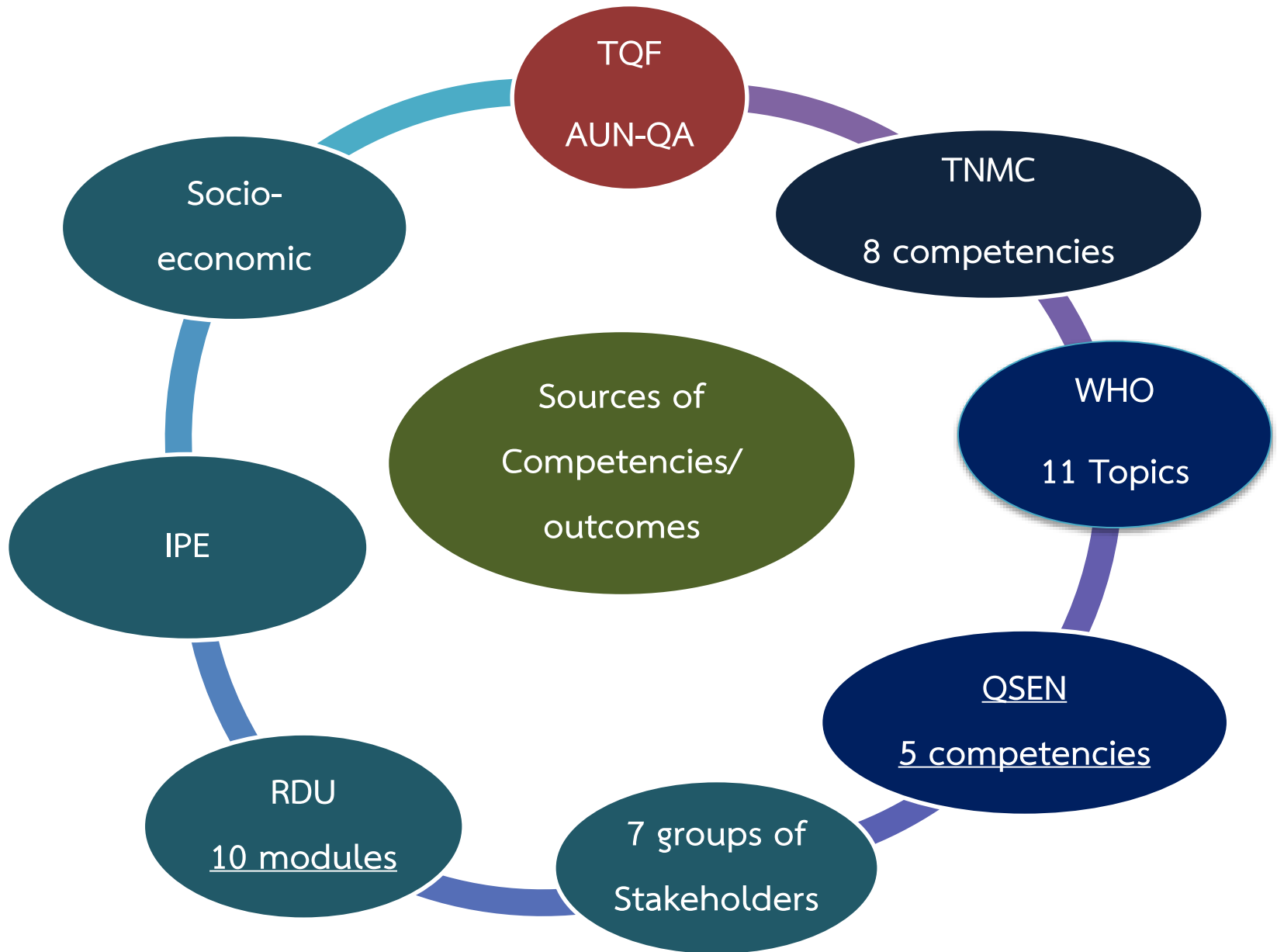
Environment

Vehicles

AUN-QA Programme Level Criteria

1. Expected Learning Outcomes
2. Programme Specification
3. Programme Structure and Content
4. Teaching and Learning Approach
5. Student Assessment
6. Academic Staff Quality
7. Support Staff Quality
8. Student Quality and Support
9. Facilities and Infrastructure
10. Quality Enhancement
11. Output





Expected Learning Outcomes (ELOs): After completion of the program, graduates are able to

Expected Learning Outcomes	Specific learning outcomes	Generic learning outcomes
1 Apply nursing and midwifery knowledge in health care services based on the professional standard concerning safety, cultural differences, worthiness, and patients' satisfaction based on evidences	✓	
2 Use nursing process in nursing and midwifery care	✓	
3 Write nursing and midwifery report based on the professional standard	✓	
4 Demonstrate an ability to apply research methodology in nursing and midwifery	✓	
5 Demonstrate moral– ethical, professional conduct, and public minded behaviors		✓
6 Use information technology for developing learning and nursing and midwifery practice	✓	
7 Demonstrate understanding in her/himself and others, accepting individual differences, and an ability of working as a team		✓
8 Use appropriate and universal languages and communication methods in the professional context		✓
9 Think systematically and critically		✓
10 Demonstrate leadership skill, reflective thinking and self–developing plan		✓

PEOs and ELOs

Expected Learning Outcomes (ELOs)	Program Learning Outcomes (PEOs)						
	1	2	3	4	5	6	7
ELO1 Apply nursing and midwifery knowledge in health care services	✓	✓	✓		✓		
ELO2 Use nursing process in nursing and midwifery care based on the professional standard concerning safety, cultural differences, worthiness, and patients' satisfaction based on evidences		✓	✓		✓		
ELO3 Write nursing and midwifery report based on the professional standard	✓	✓	✓		✓	✓	✓
ELO4 Demonstrate an ability to apply research methodology in nursing and midwifery		✓		✓			
ELO5 Demonstrate moral- ethical, professional conduct, and public minded behaviors	✓					✓	✓
ELO6 Use information technology for developing learning processes and nursing and midwifery practice					✓		
ELO7 Demonstrate understanding in her/himself and others, accepting individual differences, and an ability of working as a team	✓	✓				✓	✓
ELO8 Use appropriate and universal languages and communication methods in the professional context					✓	✓	
ELO9 Think systematically and critically			✓	✓			
ELO10 Demonstrate leadership skill, reflective thinking and self-developing plan		✓	✓	✓		✓	✓

Alignment and linkage of ELOs and visions, mission, and student attributes

Organization	Visions, mission, and student attributes	ELOs										
		1	2	3	4	5	6	7	8	9	10	
University	Vision: Mahidol University is determined to be a world class university						✓		✓	✓	✓	
	Mission: To excel in health, sciences, arts, and innovation with integrity for the betterment of Thai society and the benefit of mankind	✓			✓	✓	✓	✓		✓	✓	
	Student Attributes	T-shape breadth and depth	✓	✓	✓							
		Globally talented	✓			✓		✓	✓	✓		✓
		socially contributing					✓		✓			
entrepreneurially minded							✓			✓	✓	
Faculty	Vision: To become a leading guide for national health advocacy and one of the foremost academic institutions in Thailand with an established international reputation						✓		✓	✓	✓	
	Mission:				✓					✓		
	- To educate and generate medical graduates and specialists to meet high international standards - To provide high quality of medical care with modern facilities and technology to the public - To be the research center for medical innovations and public health care services											
School of Nursing	Vision: Ramathibodi School of Nursing is determined to be a leader school of Nursing at International level								✓	✓	✓	
	Mission: To excel in Nursing education, research innovation and services with integrity for the betterment of Thai society and the benefit of Mankind	✓	✓	✓		✓	✓					
	Student Attributes	Resiliency					✓					
		Autonomy									✓	✓
		Nature					✓					
Smart		✓	✓	✓	✓		✓	✓	✓		✓	

Learning Outcomes :

Statements of what a learner is expected to know, understand and/or be able to demonstrate after completion of a process of learning.



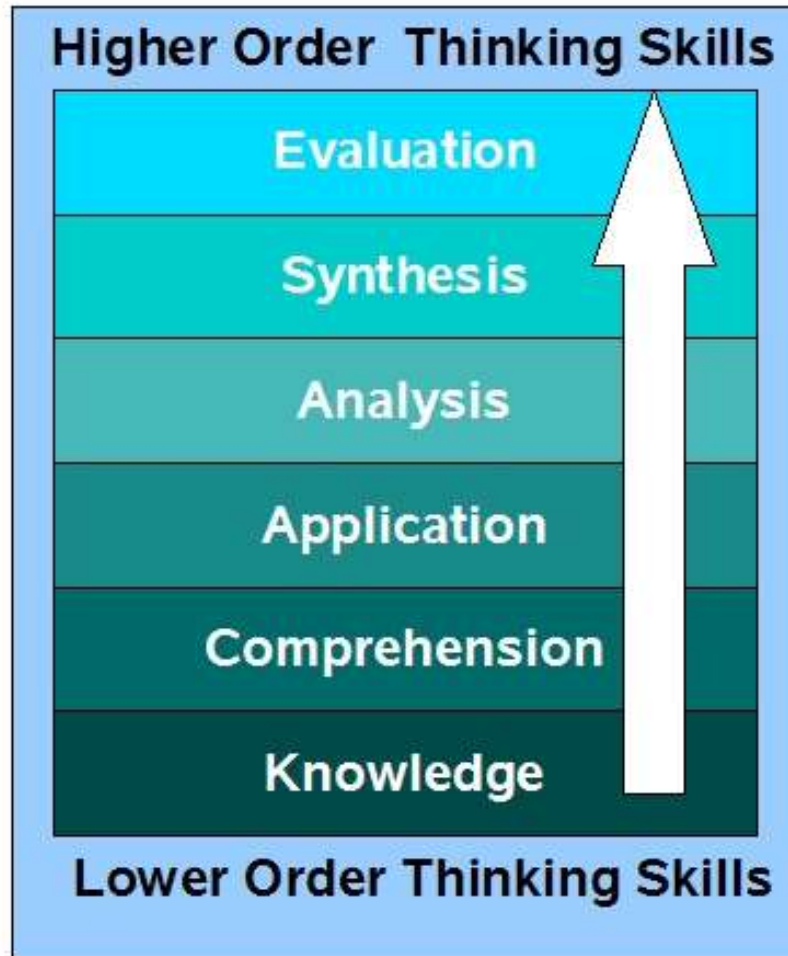
Bloom's Taxonomy of Educational Objectives

Domains of Learning:

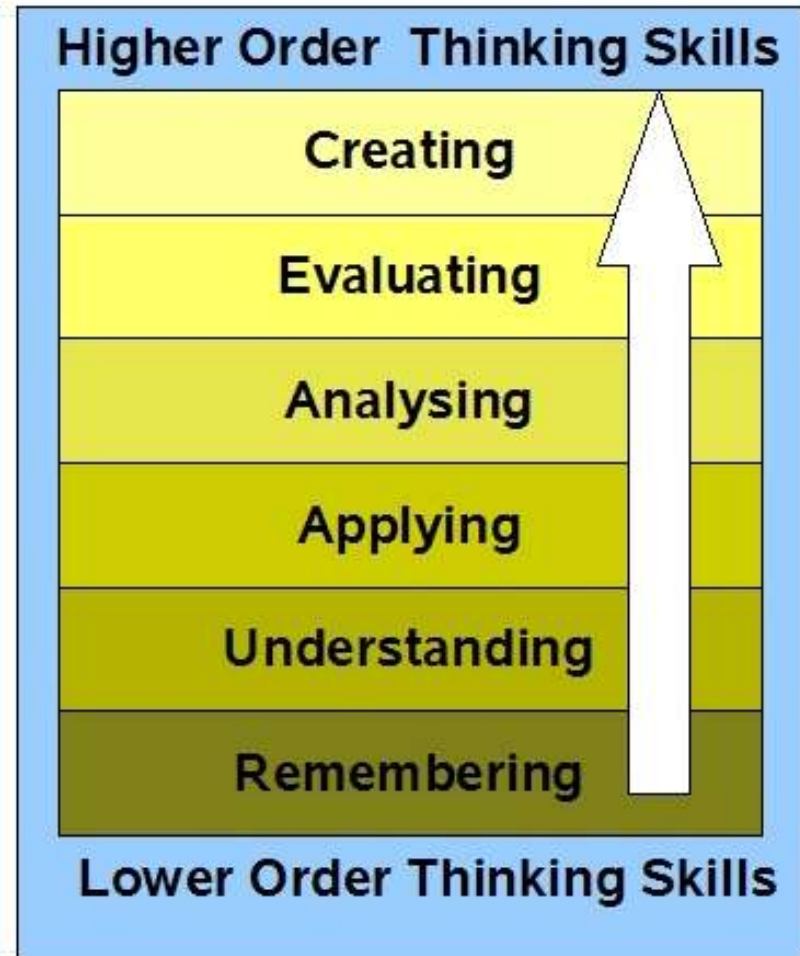
- Cognitive
- Affective
- Psycho-motor

Benjamin Bloom (1913 – 1999)

Bloom's Taxonomy (Revised)

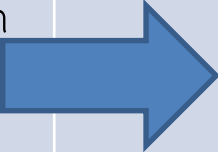
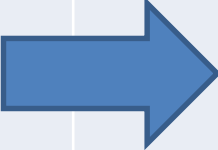


Original



Revised

Alignment

ELOs	Sub-ELOs	CLOs
ELO1 Apply nursing and midwifery knowledge in health care services	1.1 Apply nursing knowledge for helping clients covering health assessment, promotion, prevention, and rehabilitation	
	1.3 Apply midwifery knowledge for providing examinations, advice, and care for pregnant women, health prevention, promotion, and rehabilitation of maternal and newborn, detecting abnormalities during antepartum, intrapartum periods, conducting deliveries including providing care for mothers and newborns during postpartum period	

Teaching methods (Theory & Practice)



Transformative education

- Experiential learning (skill and simulation labs, clinical and community placements)
- Inter-professional Learning- IPE
- Active Learning – Less lectures, TBL, ProBL, PBL, CBL
- IT-based learning – Online/ e-Learning
- Contemplative learning

Assessment

- Focus on outputs or end products
- Criterion referenced
- Prompt & Continuous feedback for guidance for further development
- Formative & summative assessment
- Great concern reliability

Rubric

Items	Rubric scores			
	1	2	3	4
4.1 <u>Assessing health status</u>				
<ul style="list-style-type: none"> - Client and family approach - Take history - Physically examine - Gather data from relevant documents and other sources such as recoding forms, laboratory results, and other special examinations etc. 	Less be able to practice by him/herself and always need suggestion	Sometimes be able to practice by him/herself and correctly under suggestion	Often be able to practice by him/herself and correctly under suggestion	Be able to practice completely and correctly by him/herself



Items	Rubric scores			
	1	2	3	4
2.1 <u>Assessing health status</u>				
2.1.1 <u>Data gathering</u>				
2.1.1.1 Take history	Be able to practice correctly less than 50%	Be able to practice correctly more than or equal 50%	Be able to practice correctly more than or equal 75%	Always be able to practice correctly (more than or equal 90%)
2.1.1.2 Physically examine	Be able to practice correctly less than 50%	Be able to practice correctly more than or equal 50%	Be able to practice correctly more than or equal 75%	Always be able to practice correctly (more than or equal 90%)
2.1.1.3 Gather data from relevant documents and other sources such as recoding forms, laboratory results, and other special examinations etc.	Correctly and completely gather data by him/herself less than 50%	Correctly and completely gather data by him/herself more than or equal 50%	Correctly and completely gather data by him/herself more than or equal 75%	Always correctly and completely gather data by him/herself (more than or equal 90%)

Intra curriculum

Quality control and monitoring

