Education & Training Evaluation Commission
هيئة تقويم التعليم والتدريب

اعتماد
NCAAA

2024
TPG-153

Course Specification
— (Postgraduate Programs)

Course Title:	Quality and Safety
Course Code:	NRS 614
Program:	Master of Science in Nursing (MSN) – Management and Leadership
Department:	Nursing
College:	Nursing
Institution:	Majmaah University
Version:	*Course Specification Version Number*
Last Revision Date:	19 August 2024

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A. General information about the course:

1. Course Identification:

1. Credit hours:
2 hours (2+0+0)

2. Course type			
A.	☐University	☒ College	☒ Department	☐Track
B.	☒ Required		☐Elective	

3. Level/year at which this course is offered: (First semester, first year)

4. Course General Description:

The emphasis of this course is to determine the nature and identify challenges facing healthcare quality and safety. Student will be able to discuss approaches and measures of quality and safety performances in ensuring quality. Students will develop skills and knowledge to critically evaluate quality initiatives, strategies, and patient safety.

5. Pre-requirements for this course (if any):

NA

6. Pre-requirements for this course (if any):

NA

7. Course Main Objective(s):

This course provides the graduate students with a well-grounded understanding of healthcare quality and safety.
Upon completion of this course, the student will be able to:
1. Identify challenges facing healthcare quality and safety.
2. Discuss approaches to healthcare quality and safety.
3. Differentiate between the types of safety issues in healthcare.
4. Define and understand different quality improvements initiatives.
5. Critically evaluate quality initiatives and strategies.

2. Teaching Mode: (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	100%
2	E-learning		

No	Mode of Instruction	Contact Hours	Percentage
3	Hybrid • Traditional classroom • E-learning		
4	Distance learning		

3. Contact Hours: (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	30
2.	**Laboratory/Studio**	
3.	**Field**	
4.	**Tutorial**	
5.	**Others (specify)……**	
	Total	30

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods:

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Define the fundamental concepts and approaches to healthcare quality and safety. KPI 02	K1	Case analysis Written Examination	
3.1	Describe the development of quality improvement initiatives KPI 02	K3	Oral presentation, Written Examination	
2.0	**Skills**			
S4.1	Analyze and critique a selected quality improvement and patient safety initiatives for healthcare. KPI 15	S4	Project	

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
S2.1	Recognize and analyze the issues facing healthcare quality and safety. KPI 15	S2	Assignment and Written examination	
3.0	Values, autonomy, and responsibility			
V3.1	Demonstrate how quality improvement is used in a variety of roles and settings to ensure healthcare quality and patient safety. KPI 23	V3	Oral presentation	

C. Course Content:

No	List of Topics	Contact Hours
1.	**Unit 1: Introduction to Quality and Safety and Issues** • Healthcare quality • Healthcare safety Healthcare quality and safety issues	٢
2.	**Unit 2: How quality is evaluated?** • National and international agencies ensuring delivery of quality healthcare Quality Standards	٦
3	**Unit 3: Measures of quality and safety performance** Quality and Safety Performance Measures	٤
4	**Unit 4: Role in ensuring quality** • Nurses role in ensuring quality Healthcare staff and quality practitioners role and activities.	٢
5	**Unit 5: Quality improvement initiatives and adapting to improvement initiatives** • QI Initiatives How to adapt with healthcare quality improvements	٤
6	**Unit 6: QI Methods** • What is Quality Improvements? • Relevance of QI Ways in implementing QI	٤
7	**Unit 7: Patient Safety**	٤

	• What is patient safety? • Key role of the nurse in patient safety Principles of Patient Safety	
8	**Unit 8: Improvement to improve patient safety following patient harm events** QI for Patient Safety	٤
Total		**30**

D. Students Assessment Activities:

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Assignment	6th week	10%
2.	Case Analysis	9th week	30%
3.	Project	12th Week	10%
4	Oral Presentation	13th Week	20%
5	Final Examination	16th to 17th week	30%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities:

1. References and Learning Resources:

Essential References	• Quality and Safety in Nursing: A Competency Approach to Improving Outcomes, 2nd Edition Gwen Sherwood (Editor), Jane Barnsteiner (Editor) ISBN: 978-1-119-15167-8 April 2017 Wiley-Blackwell 432 Pages • Introduction to Quality and Safety Education for Nurses, Second Edition: Core Competencies for Nursing Leadership and Management Paperback – July 26, 2018 by Patricia Kelly MSN RN (Editor), Beth A. Vottero PhD RN CNE (Editor), Carolyn Christie-McAuliffe PhD FNP (Editor) • Lean Hospitals Improving Quality, Patient Safety, and Employee Engagement, Third Edition By Mark Graban Copyright Year 2016 ISBN 9781498743259 Published June 1, 2016 by Productivity Press 330 Pages 63 B/W Illustrations • CBAHI - KSA National Hospital Standard 3rd Edition 2015 • CBAHI - KSA Hospital Accreditation Guide 2016 • ISO 9001:2015, ISO 9004:2019, ISO 45001 2015

	• The Improvement Guide. Langley G et al. Jossey-Bass publishing (Wiley Co.). San Francisco, CA. 1996 • Jimmerson, Cindy. A3 Problem Solving for Health Care. Healthcare Performance Press, NY. 2007. • ISQua - Guidance on Designing Healthcare External Evaluation Programmes including Accreditation 2015 • ISQua - Guidelines and Principles for the Development of Health and Social Care Standards 5th Edition v1.0 2015 • ISQua Guidelines and Standards for External Evaluation Organisations 5th Edition V1.0 2015
Supportive References	• The Improvement Guide. Langley G et al. Jossey-Bass publishing (Wiley Co.). San Francisco, CA. 1996 • Jimmerson, Cindy. A3 Problem Solving for Health Care. Healthcare Performance Press, NY. 2007. • ISQua - Guidance on Designing Healthcare External Evaluation Programmes including Accreditation 2015 • ISQua - Guidelines and Principles for the Development of Health and Social Care Standards 5th Edition v1.0 2015 • ISQua Guidelines and Standards for External Evaluation Organisations 5th Edition V1.0 2015
Electronic Materials	• https://portal.cbahi.gov.sa/arabic/home • https://isqua.org/ • https://www.iso.org/home.html • https://www.dmaictools.com/ • https://asq.org/quality-resources/dmaic • https://www.isixsigma.com/new-to-six-sigma/dmaic/six-sigma-dmaic-roadmap/ • https://blog.minitab.com/blog/dmaic-tools-and-techniques-the-define-phase • https://blog.minitab.com/blog/dmaic-tools-and-techniques-the-measure-phase
Other Learning Materials	Educational CDs are available in the laboratory

2. Educational and Research Facilities and Equipment Required:

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	• A classroom with interactive whiteboard systems. • Number of seats 30 to 40.

Items	Resources
Technology equipment (Projector, smart board, software)	• Computer • Projector • Microphone & Speakers • Smart board with all the acc`essories Internet
Other equipment (Depending on the nature of the specialty)	**NA**

F. Assessment of Course Quality:

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Student	Direct
Effectiveness of students' assessment	Student	Direct
Quality of learning resources	Student	Direct
The extent to which CLOs have been achieved	Student	Direct
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

G. Specification Approval Data:

COUNCIL /COMMITTEE	Department Council
REFERENCE NO.	
DATE	