MODULE DESCRIPTOR

Module Title

Safety and Quality In Medicine Use

Reference	PLM018	Version	1
Created	August 2022	SCQF Level	SCQF 11
Approved	January 2023	SCQF Points	15
Amended	September 2021	ECTS Points	7.5

Aims of Module

To develop an understanding of the application of Human Factors to quality improvement in medicine use in healthcare.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1	Explore and critically comment on the application of Human Factors in quality improvement of medicine use in healthcare with a focus on patient safety.
2	Critically appraise methods utilised for quality improvement and patient safety in the use of medicines.
3	Develop an understanding of the approaches used to measure and monitor quality improvement of medicine use in healthcare with a focus on patient safety.
4	Demonstrate a comprehensive understanding of how Human Factors and quality improvement can be applied in practice to underpin the resilience of systems for medicines use.

Indicative Module Content

Human Factors: how knowledge and competency can underpin systems understanding to allow intelligent re-design to optimise outcomes including safety and quality in relation to medicines use, including the development of a safe and sustainable culture of medicines use in practice. Quality improvement and patient safety definitions, overarching principles and approaches. Management, leadership and organisational factors that may influence quality and patient safety in the use of medicines.

Module Delivery

This module will be delivered online through use of module material, online lectures and webinars. Students will apply and contextualise knowledge and understanding of topics in discussion fora online.

Indicative Student Workload	Full Time	Part Time
Contact Hours	N/A	5
Non-Contact Hours	N/A	145
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	N/A	150
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	A 3000 word critical report				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

Component 1 (critical report) comprises 100% of the module grade. A minimum of module grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None in addition to course requirements.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

1 SHORROCK, S. and WILLIAMS, C. eds., 2016. *Human Factors and Ergonomics in Practice*. Boca Raton, Fl.: CRC Press.

2 PANESAR, S., CARSON-STEVENS, A., SALVILLA, S. and SHEIKH A. *Safety and Healthcare Improvement at a Glance*. Oxford: Wiley-Blackwell.

3 UNITED NATIONS DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS DISABILITY, 2022. Sustainable Development Goals (SDGs) and Disability. [online]. New York: United Nations. Available from: Sustainable Development Goals (SDGs) and Disability | United Nations Enable [Accessed 1 December 2022].

4 WHO, 2021. Global Patient Safety Action Plan 2021?2030. [online]. Geneva: WHO. Available from: https://www.who.int/teams/integrated-health-services/patient-safety/policy/global-patient-safety-action-plan [Accessed 1 December 2022].

5 Module material will reference current academic literature and students will identify and access literature relevant to their own studies.