

Module Details	
Module Title	Aseptics in Practice
Module Code	PHA7042-C
Academic Year	2023/4
Credits	30
School	School of Pharmacy and Medical Sciences
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Directed Study	Coursework - Full draft of Reflective Essay on external audit (0-1500 words)
Directed Study	Coursework - Full draft of Reflective Essay on an error or incident (0-1500 words)
Tutorials	11
Laboratories	2
Directed Study	287

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 2

Module Aims
<p>To provide students with the opportunity to develop and demonstrate:</p> <ul style="list-style-type: none"> <li>- The skills to systematically gather, critically analyse and evaluate information in order to prioritise and solve complex problems in the field of aseptic pharmacy practice.</li> <li>- The ability to confidently employ professional communication skills, including those required to influence, negotiate with and educate patients and healthcare professionals.</li> <li>- An understanding of the issues relating to leadership and management of an aseptic pharmacy service.</li> <li>- The ability to review and reflect on their practice and that of others to inform their professional development.</li> </ul>

## Outline Syllabus

The licensing and operation of aseptic units. The law and related national/international guidance. Good Manufacturing Practice (GMP), design of aseptic areas, personnel, clothing, environmental monitoring (including analysis of trends), hand washing and the use of isolators and HEPA filters. Monitoring and controls required safety of the products produced, and also safety of staff in the aseptic unit. Aseptic products (CIVAS/PN/Cytotoxics), including evidence-based stability data. Clinical checking. Accuracy checking. Product release. Aseptic manipulations. Radiopharmacy. Responsible disposal of waste.

Person-centred care and responsible professionalism is embedded within all subject areas.

## Learning Outcomes

Outcome Number	Description
01	Identify and critically appraise sources of information in order to assess the stability and compatibility of pharmaceutical products
02	Identify and apply national and international guidance/standards to their practice as a pharmacy professional working in the field of aseptic pharmacy practice
03	Systematically gather, critically analyse and evaluate information in order to prioritise and solve complex problems in the field of aseptic pharmacy practice
04	Confidently employ professional communication skills, including those required to influence, negotiate with and educate patients and healthcare professionals
05	Apply knowledge, understanding and experience of appropriate manipulation techniques in the field of aseptic pharmacy practice
06	Work effectively in partnership with patients, carers and as part of the multidisciplinary team to deliver person-centred care
07	Critically reflect on their own practice, that of others and relevant standards of competence in order to identify professional development needs and take appropriate action to meet the required standard
08	Demonstrate leadership at the point of care through clinical decision making and by employing a proactive approach to optimise use of medicines
09	Proactively work with systems and processes to effectively minimise risk and optimise patient safety and quality of care

## Learning, Teaching and Assessment Strategy

Tutorials on two study days provided by the university of Bradford.. The first day focuses on development of practical laboratory skills and orientation to the module. This includes module induction, assessment briefings and preparation for the second study day. The second day includes a question and answer session with a quality assurance pharmacist and interactive tutorials. (This develops LO1-3, 5, 7 and 9.)

Students work in an aseptic unit for a minimum of 25 hours over the course of the module. This gives them the opportunity to complete the module work-book and develop their knowledge and critical evaluation skills as applied to their own work environment. (LO1-9)

Learning Outcomes 2, 3 and 6-9 are assessed by completion of two reflective essays, one on an external audit of the unit and one on an incident or error within an aseptic unit.

Learning Outcomes 1-9 are developed by the completion of the module workbook, which guides them through the required workplace learning. This ensures development and application of the practical knowledge that is needed by pharmacy professionals working in an aseptic unit. The workbook specifically assesses Learning Outcomes 1, 4 and 5.

### Mode of Assessment

Type	Method	Description	Weighting
Summative	Coursework	Reflective Essay - review of external audit	25%
Summative	Coursework	Reflective Essay - reiview of an error or incident	25%
Summative	Coursework	Completion of workbook	50%
Formative	Coursework - Written	Coursework - Full draft of Reflective Essay on external audit (0-1500 words)	N/A
Formative	Coursework - Written	Coursework - Full draft of Reflective Essay on an error or incident (0-1500 words)	N/A

### Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>

#### *Please note:*

*This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.*