**UNIVERSITY OF HERTFORDSHIRE**

**Definitive Module Document**

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| **1. MODULE CODE: 7FHH2065**  | **Academic Session: 2025** | **Version: 1** |
| **2. LONG TITLE:** | **Non-Invasive Ventilation and Respiratory Failure** |
| **3. SCHOOL/DEPARTMENT:** | **Allied Health Professions, Midwifery and Social Work** |
| **4. CREDITS:** | **30** |
| **5. DATE FIRST OFFERED:** | **22/09/2025** |
| **6. LEVEL:** | **7** |
| **7. LOCATION:** | **Education for Health - Wellesbourne, Warwickshire** |

**8. Module Aim(s):**

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| The aims of this module are to enable students to critically examine the pathophysiological changes that can lead to respiratory failure and to articulate when and how non-invasive ventilation should be used as a treatment modality. The module aims to achieve this by supporting students in critically analysing the evidence base for, and complexities of, management of care.  |

**9. Intended Learning Outcomes:**

**9a. Knowledge and Understanding:**

Successful students will typically:

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| 1. Critically analyse and differentiate the pathophysiological processes leading to respiratory failure. |
| 2. Critically evaluate methods of non-invasive respiratory support and management and apply these to promote appropriate and justified patient care. |
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**9b. Intellectual, Practical and Transferable Skills:**

Successful students will typically:

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| 1. Critically review evidence in order to demonstrate advanced decision-making in assessment, support and provision of non-invasive ventilation to manage respiratory failure.
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| 1. Review and critically appraise published research findings to identify, access, transfer and apply evidence to their own practice setting as it relates to multi-professional and/or organisational practice.
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**10. Modes of Delivery:**

The following represents the mode and associated learning activities.

**10a. Delivery Mode:**

|  |  |
| --- | --- |
|  | **Select Y/N** |
| Campus-based, blended (campus-based delivery plus any combination of the below) | **N** |
| Online | **Y** |
| Study Abroad | **N** |
| Placement/Work-Based Learning | **N** |

**10b. Delivery Activities:**

|  |  |
| --- | --- |
| ***Activity*** | ***Hours*** |
| 1. Scheduled campus-based activities in general teaching spaces (e.g. lectures, seminars, tutorials) | 0 |
| 2. Scheduled campus-based activities in specialist teaching spaces (e.g. practical classes, workshops, demonstrations) | 0 |
| 3. Scheduled online activities (online versions of 1 and 2, above) | 20 |
| 4. Scheduled hybrid activities (i.e. offered both on-campus and online, student choice) | 0 |
| 5. Scheduled external learning activities - fieldwork, external visits | 0 |
| 6. Supervised campus-based activities in specialist teaching spaces (e.g. studio activities) | 0 |
| 7. Directed independent study | 160 |
| 8. Self-directed independent study | 120 |
| 9. Placement, work-based learning | 0 |
| 10. Study Abroad | 0 |
| **TOTAL HOURS**  | 300 |

**11. Module Content:**

**11a. Module Content:**

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| This module equips healthcare professionals with the critical skills required for the appropriate management of non-invasive ventilation and treatment of the patients who receive it. It explores the complex nature of respiratory failure and management and builds on students’ existing knowledge and experience of non-invasive ventilation. The module provides students with the opportunity to critically evaluate how outcomes can be improved in light of national recommendations and research evidence.  |

**11b. Further Details:**

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| This is a self-paced online module. Content is delivered through a combination of reading, videos, asynchronous discussions, and prompts for further research and investigation. Group tutorials provide opportunities for group discussion, peer-to-peer learning, and situation of the module content in a range of professional contexts. |

**12. Assessment:**

**12a. Assessment Type:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Select Y or N** | **Weighting** | **Pass mark out of 100** |
| Coursework 1 (NB. Multiple coursework elements can be structured in Canvas) | Y | 50 | % | 50 |
| Coursework 2 (only where individual coursework elements must be passed, requires Director of AQA approval) | N | 0 | % | 0 |
| Coursework (P/F) | N |  |  |
| Examination (administered by the Exams Office) | N | 0 | % | 0 |
| Tests (Canvas Quizzes, classroom-based tests, etc.) | N | 0 | % | 0 |
| Examination (P/F) | N |  |  |
| Practical (laboratory assessments, OSCEs etc.) | Y | 50 | % | 50 |
| Practical (P/F) | N |  |  |
| Attendance (P/F) | N |  |  |

**12b. Compulsory Information and Further Details:**

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| The first assessment for this module is a 20-minute pre-recorded presentation. Students will discuss a patient from their caseload and will identify the specific respiratory failure pathway using evidence-based practice and critical analysis. Students must be able to draw on experience of working with patients with clinical histories relevant to the focus of this module.The second assessment is a 3,000-word critical appraisal of one element of non-invasive ventilation using evidence-based literature. The appraisal should relate this element to the disease-specific cause of respiratory insufficiency described in their previous assignment.Both assessments must be passed in order to pass the module. |

**13. Pre and Co Requisites:**

**13a. Pre-Requisites:**

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| Not applicable |

**13b. Co Requisites:**

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| --- |
| Not applicable |

**14. Programmes on which this module is offered:**

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| HSEHLTCMSC MSc Long-Term ConditionsHMEHLTCPGC PgCert Long-Term ConditionsHSEHRPPGC PgCert Respiratory Practice |

**15. Previous Module:**

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| 7FHH1188 Non-Invasive Ventilation and Respiratory Failure |

**16. Language of Delivery and Assessment:**

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| Language of Delivery - EnglishLanguage of Assessments - English |

**17. Further Information:**

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| Students should be working in, or have experience of, working in a healthcare context in an appropriate role/level to be able to fulfil the requirements of the assessment. |

**Approvals:**

**Associate Dean of School (AQA)**

By signing this box, I agree that I have approved the content of this Definitive Module Document.

Name: Click or tap here to enter text.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: Click or tap to enter a date.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Nominee of SAS Manager**

By signing this box, I acknowledge the administrative content of this approved Definitive Module Document.

Name: Click or tap here to enter text.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Designation: Click or tap here to enter text.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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