**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. |
| 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 Conditions  HMEHLTCPGC PgCert Long-Term Conditions  HSEHRPPGC 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 - English  Language 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.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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