1. **Title of the module:**
   WL325: Microbiology and Cross-infection Control in the Dental Workplace

2. **School or partner institution which will be responsible for management of the module:**
   Centre for Professional Practice (Health Education Kent Surrey & Sussex (HEKSS) Dental)

3. **Start date of the module:**
   Spring 2015

4. **The number of students expected to take the module:**
   12 (rising to a maximum of 72 in subsequent cohorts).

5. **Modules to be withdrawn on the introduction of this proposed module and consultation with other relevant Schools and Faculties regarding the withdrawal:**
   None

6. **The level of the module (e.g. Certificate [C], Intermediate [I], Honours [H] or Postgraduate [M]):**
   C Level (FHEQ Level 4)

7. **The number of credits and the ECTS value which the module represents:**
   30 Credits (15 ECTS)

8. **Which term(s) the module is to be taught in (or other teaching pattern):**
   Spring or Summer
   Term times will be from the beginning of January until the end of April for the Spring Term or the beginning of May until the end of August for the Summer Term. Specific dates will be provided within the Programme Handbook

9. **Prerequisite and co-requisite modules:**
   Prerequisite: Modules WL322, WL323, WL324, WL321, WL319

10. **The programmes of study to which the module contributes:**
    FdSc in Advanced Dental Nursing

11. **The intended subject specific learning outcomes:**
    On successful completion of the module students will be able to:
    11.1 Demonstrate developed knowledge and understanding of pathogenic microorganisms in the clinical dental environment and the potential routes of transmission.
    11.2 Demonstrate understanding of the risks around the clinical environment and how to manage these in a safe and efficient manner.
    11.3 Interpret and ethically apply the implementation of, and compliance with, effective infection prevention and control (IPC) procedures according to the scientific principles of disinfection and decontamination, current best practice guidelines and CQC compliance.
    11.4 Appraise and evaluate organisational performance against evidence-based best practice related IPC.
12. **The intended generic learning outcomes:**

On completion of this module students will be able to:

12.1 Demonstrate the ability to evaluate arguments, assumptions, concepts and data to develop lines of argument, make informed judgements, and/or solve problems, related to the area of study and/or work.

12.2 Communicate with clarity and accuracy the results of the study / work accurately and reliably, with structured and coherent arguments.

12.3 Demonstrate the capacity for autonomous learning, and the ability to apply reflection and self-understanding in order to evaluate own strengths and weaknesses, commitment to lifelong learning and continuous professional and personal self development.

12.4 Demonstrate the ability to evaluate, interpret and present material, data and scientific literature through word-processing, computer-based presentation and use of the internet.

13. **A synopsis of the curriculum:**

The Department of Health for England has committed to improving the quality of disinfection and decontamination in the dental workplace, to ensure that both patients and staff are receiving and providing dental care in a safe environment. Dental care providers are now registered with the Care Quality Commission (CQC), the new regulatory organisation, which has responsibility for ensuring that the requirements for registration, which include cleanliness and infection control, are met.

This module aims to promote and encourage an evidence-based approach which is appropriate to advancing dental nurse practice, to improve their own, and where achievable, team performance in the provision of dental care services, and which is sufficient to meet CQC and HTM 01-05 essential standards requirements, but aims towards best practice.

The module will ensure that students have a solid understanding of pathogenic microorganisms, the potential routes of transmission of infectious agents, and their individual, and team, role in identifying and managing areas of risk. Students will have the opportunity to appraise the existing legislation and DH / CQC current requirements and available guidance documents, and to apply their knowledge and understanding to evaluate and improve current practice and assist in demonstrating improvements in local decontamination processes.

The guidance follows the essential principles given in the ‘Health and Social Care Act: 2008 Code of Practice for the NHS on the prevention and control of healthcare associated infections and related guidance’ (the HCAI Code of Practice).

14. **Indicative Reading List :**

Core Text:

HTM 0105 Updated Nov 2009


Students may be asked to read additional material.

Recommended Text:

HTM 0105 Self Assessment Tool


Background:


Nice Guidance http://publications.nice.org.uk/infection-cg139

Suggested for Student Purchase:


15. Learning and Teaching Methods, including the nature and number of contact hours and the total study hours which will be expected of students, and how these relate to achievement of the intended module learning outcomes:
This module will be delivered via face-to-face taught sessions over one extended weekend (Thursday, Friday, and Saturday), and supported with a preparation guided study package. Teaching will primarily be delivered in the forms of tutor and peer led discussion and study sessions. Both tutors with specialist expertise and those actively working in the dental sector will deliver the theoretical input.

1:1 face to face tutorials are intended to be student focussed and to concentrate on covering any area of the module content, learning outcomes or other area identified to advance learning.

A division of the 300 hours of learning required for this module is outlined below:

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<tr>
<th>Learning Outcomes</th>
<th>Guided Study Package</th>
<th>Lectures:</th>
<th>Seminars:</th>
<th>Tutorials:</th>
<th>Self Study and assessment</th>
<th>Work Related Learning</th>
<th>Written Assessment</th>
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<td><strong>Approximate Number of Hours</strong></td>
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16. **Assessment methods and how these relate to testing achievement of the intended module learning outcomes:**

The assessment comprises a single assignment. A pass must be gained to successfully complete the module.

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<th>Learning outcomes</th>
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<td>Written portfolio style assignment of 3,000 words which includes:</td>
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<td>A written narrative discussing microbiology, pathogenic microorganisms and their transmission, in relation to current legislation / guidance relative to infection control and its purpose in the dental workplace or other setting (E.G. Fluoride application in non-clinical premises). (1500 words)</td>
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<td>A work related case-study which evaluates the individual and team dental nurse role in identifying and managing areas of risk, and which incorporates critical self-reflection and identifies potential areas for personal development. (1000 words)</td>
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<td>A brief written report which evaluates existing organisational performance against current evidence-based practice. (500 words)</td>
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17. **Implications for learning resources, including staff, library, IT and space**

None.

18. The Collaborative Partner recognises and has embedded the expectations of current disability equality legislation, and supports students with a declared disability or special educational need in its teaching. Within this module we will make reasonable adjustments wherever necessary, including additional or substitute materials, teaching modes or assessment methods for students who have declared and discussed their learning support needs. Arrangements for students with declared disabilities will be made on an individual basis, in consultation with the Collaborative Partner’s disability/dyslexia support service, and specialist support will be provided where needed.
19. **Campus(es) where module will be delivered:** HEKSS has a number of Post Graduate Education Centres (PGECs) available with both clinical and academic teaching facilities. Most of the teaching and training is expected to take place at the Holiday Inn Conference Facility at Gatwick, West Sussex. The exact location will be chosen according to student numbers and to reflect students’ geographical location and may include: Holiday Inn Conference Facility, Gatwick, West Sussex; Guildford Education Centre, Royal Surrey County Hospital, Surrey; The Education and Training Centre, Tunbridge Wells Hospital, Pembury, Tunbridge Wells, Kent; PGEC, Kent and Canterbury Hospital, Canterbury, Kent; PGEC, East Surrey Hospital, Redhill, Surrey.

*If the module is part of a programme in a Partner College or Validated Institution, please complete the following:*

20. **Partner College/Validated Institution:** Mid Kent College and HEKSS  
21. **University School responsible for the programme:** CPP
SECTION 2: MODULE IS PART OF A PROGRAMME OF STUDY IN A UNIVERSITY SCHOOL

Statement by the School Director of Learning and Teaching/School Director of Graduate Studies (as appropriate): "I confirm I have been consulted on the above module proposal and have given advice on the correct procedures and required content of module proposals"

............................M Shaw.............................................. .................................
Director of Learning and Teaching/Director of Graduate Studies (delete as applicable)  Date

Print Name

**Statement by the Head of School:** "I confirm that the School has approved the introduction of the module and, where the module is proposed by School staff, will be responsible for its resourcing"

D Reed...................................................... .................................
Head of School  Date

Print Name

SECTION 3: MODULE IS PART OF A PROGRAMME IN A PARTNER COLLEGE OR VALIDATED INSTITUTION

(Where the module is proposed by a Partner College/Validated Institution)

Statement by the Nominated Officer of the College/Validated Institution (delete as applicable): "I confirm that the College/Validated Institution (delete as applicable) has approved the introduction of the module and will be responsible for its resourcing"

........................................................................
Nominated Responsible Officer of Partner College/Validated Institution  Date

..............................................
Print Name

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Post

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Partner College/Validated Institution

Module Specification Template
Last updated February 2013