

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	HTI4331
Subject Title	BME Clinical Attachment II
Credit Value	8 Training Credits
Level	4
Pre-requisite	HTI4330 BME Clinical Attachment I
Objectives	This course provides opportunities for the ultimate integration in learning prior to graduation. Practical working experience in prosthetics and orthotics clinical setting will ensure the student can function as a beginning prosthetics and orthotics staff and so high professional standards and management abilities are strived for. The use of initiative, creative thinking, problem-solving techniques are encouraged and self-evaluation and the development of self-confidence are emphasized.
Intended Learning Outcomes	<p>Five categories of professional training is emphasized: Professional Competency (PC); Professional Development (PD); Inter-personal Relationship (IR); Communication Skill (CS) and Organization and Management (OM).</p> <p>On successful completion of this course, students should be able to:</p> <ol style="list-style-type: none"> a) Perform in the real working environment of the prosthetics and orthotics discipline in clinical settings (PC & PD) b) Perform confidently in patient management (OM) c) Work coherently within the working team (PC, PD, IR & CS) d) Communicate effectively professionally with patients (IR & CS) e) Present and interpret accurately, comprehensively and concisely all matters pertaining to the patient management and in all other way communicate effectively with other professionals (PC & CS) f) Liaise and recommend, based on the concept of a multidisciplinary approach, referrals of patients to and from other health care personnel (IR & CS) g) Document, compile and interpret relevant in patients' information and/or clinical information (PC, PD & OM) h) Synthesize both knowledge and assessment findings to identify short and long term approach to solve clinical problems (PD & OM) i) Plan, prioritize and implement management programmes with the maximum degree of safety, effectiveness and efficiency (PC, PD & OM) j) execute highly competent organization of time and space within professional practice (PC,PD&OM) k) Implement the principles of investigative methods in the working environment (PC & PD) l) work according to the ethics of the profession (PC & PD)

Subject Synopsis/ Indicative Syllabus	The importance of continuing education and applying investigative methods within later professional development is reinforced. The prosthetics and orthotics clinical training will focus on the student's ability in applying academic knowledge to solve assigned work tasks; learning new professional tools and techniques; following professional and ethical responsibilities; effectiveness in verbal and written communication as well as participations in team working. Questions and immediate feedback of the student-mentor interaction is an important part of the learning / teaching strategy.																																																		
Teaching/Learning Methodology	Working experience in Prosthetics and Orthotics setting and presentation.																																																		
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1" data-bbox="475 689 1422 1301"> <thead> <tr> <th data-bbox="475 689 772 904" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="772 689 932 904" rowspan="2">% weighting</th> <th colspan="5" data-bbox="932 689 1422 835">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="932 835 1011 904">a-1</th> <th data-bbox="1011 835 1091 904"></th> <th data-bbox="1091 835 1171 904"></th> <th data-bbox="1171 835 1251 904"></th> <th data-bbox="1251 835 1331 904"></th> <th data-bbox="1331 835 1422 904"></th> </tr> </thead> <tbody> <tr> <td data-bbox="475 904 772 1088">Student-Mentor interactions (Attachment evaluation form)</td> <td data-bbox="772 904 932 1088">70%</td> <td data-bbox="932 904 1011 1088">✓</td> <td data-bbox="1011 904 1091 1088"></td> <td data-bbox="1091 904 1171 1088"></td> <td data-bbox="1171 904 1251 1088"></td> <td data-bbox="1251 904 1331 1088"></td> <td data-bbox="1331 904 1422 1088"></td> </tr> <tr> <td data-bbox="475 1088 772 1160">Reports</td> <td data-bbox="772 1088 932 1160">15%</td> <td data-bbox="932 1088 1011 1160">✓</td> <td data-bbox="1011 1088 1091 1160"></td> <td data-bbox="1091 1088 1171 1160"></td> <td data-bbox="1171 1088 1251 1160"></td> <td data-bbox="1251 1088 1331 1160"></td> <td data-bbox="1331 1088 1422 1160"></td> </tr> <tr> <td data-bbox="475 1160 772 1232">Presentations</td> <td data-bbox="772 1160 932 1232">15%</td> <td data-bbox="932 1160 1011 1232">✓</td> <td data-bbox="1011 1160 1091 1232"></td> <td data-bbox="1091 1160 1171 1232"></td> <td data-bbox="1171 1160 1251 1232"></td> <td data-bbox="1251 1160 1331 1232"></td> <td data-bbox="1331 1160 1422 1232"></td> </tr> <tr> <td data-bbox="475 1232 772 1301">Total</td> <td data-bbox="772 1232 932 1301">100 %</td> <td colspan="5" data-bbox="932 1232 1422 1301"></td> </tr> </tbody> </table> <p data-bbox="517 1317 1410 1395">Student performance will be assessed based on the five categories of professional training mention above.</p>							Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					a-1						Student-Mentor interactions (Attachment evaluation form)	70%	✓						Reports	15%	✓						Presentations	15%	✓						Total	100 %					
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Student Study Effort Expected	Class contact:																																																		
	Working in prosthetics and orthotics clinical setting						280Hrs.																																												
	Case Presentation						4Hrs.																																												
	Other student study effort:																																																		
	Report and presentation preparation						20Hrs.																																												
	Total student study effort						304Hrs.																																												
Reading List and References	BME Clinical Attachment Handbook, Department of Health Technology and Informatics, The Hong Kong Polytechnic University																																																		