

Course Title	Critical Appraisal of the Literature I				
Course Code	DES440				
Course Type	Compulsory				
Level	Bachelor (1 st Cycle)				
Year / Semester	4 th year / 7 th semester				
Teacher's Name	TBA				
ECTS	1	Lectures / week	1 hr / 13 weeks + exam week	Laboratories / week	1 hr / 13 weeks
Course Purpose and Objectives	Critical appraisal is the process of carefully and systematically examining research to judge its trustworthiness, and its value and relevance in a particular context				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Combat information overload; • Identify papers that are clinically relevant • Discuss critical appraisal, a requirement for the evidence based medicine component of many membership exams. 				
Prerequisites	None	Co-requisites	None		
Course Content	<ul style="list-style-type: none"> • Location and selection of studies • Study design • Randomised Controlled Trials • Systematic reviews 				
Teaching Methodology	Face-to-face				
Bibliography	<p>Barton B, Peat J. Medical Statistics: A Guide to SPSS, Data Analysis and Critical Appraisal. Oxford: Wiley Blackwell, 2014.</p> <p>Crombie I. The Pocket Guide to Critical Appraisal. London: BMJ Books, 1996.</p> <p>DiCenso A. Evidence Based Nursing: A Guide to Clinical Practice. St. Louis: Elsevier Mosby, 2005.</p> <p>Egger M, Smith GD, Altman DG. Systematic Reviews in Health Care: Meta-analysis in Context. London: BMJ Books, 2001.</p>				

	<p>Gehlbach S. Interpreting the Medical Literature. New York: McGraw-Hill, 2006.</p> <p>Gosall NK, Gosall GS. The Doctor's Guide to Critical Appraisal. Knutsford, Cheshire: Pastes+, 2015.</p> <p>Greenhalgh T. How to Read a Paper. London: BMJ Books, 2014.</p> <p>Guyatt G, Rennie D. Users' Guides to the Medical Literature. A Manual for Evidence-Based Clinical Practice. New York: McGraw-Hill, 2015.</p> <p>Hamer S, Collinson G. Achieving Evidence-Based Practice: A Handbook for Practitioners. Edinburgh: Baillière Tindall Elsevier, 2005.</p> <p>Hewitt-Taylor J. Clinical Guidelines and Care Protocols. Chichester, West Sussex: Whurr Publishers, 2006.</p> <p>LoBiondo-Wood G. Nursing Research Methods and Critical Appraisal for Evidence-Based Practice. St. Louis: Mosby, 2014.</p> <p>Meates M, Duperrex O, Gilbert R, Logan S. Practising Evidence-Based Child Health. Oxford: Radcliffe Medical Press, 2000.</p>						
Assessment	<table border="1"> <tr> <td>Laboratory / Clinical Work / Oral presentations</td> <td>50%</td> </tr> <tr> <td>Participation and attendance</td> <td>50%</td> </tr> <tr> <td>Total</td> <td>100%</td> </tr> </table>	Laboratory / Clinical Work / Oral presentations	50%	Participation and attendance	50%	Total	100%
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Language	English						