

**Course:** Lectures in **Animal Health Economics** given at University of Addis Ababa Faculty of Veterinary Medicine, Post graduate Master in Public Veterinary Health: Quality and sanitary aspects of Animal production in Ethiopia,  
**Week:** 7<sup>th</sup> to 11<sup>th</sup> March 2005

Time	Monday 7th March 2004	Tuesday 8th March 2004	Wednesday 9th March 2004	Thursday 10th March 2004	Friday 11th March 2004
8:30–10:20	Lecture 8.30 9.30 Topic : " <b>Principles and Theory in Economic Evaluation in Health / Introduction to concepts and rationale</b>  <b>Exercise plus discussion;</b> 9.30 10.00 am (30minutes)  10.00 10.30 <b>coffee break</b> , (30 minutes)  Instructor : Dr. Pascal Bonnet	Lecture: 8.30 9.30 Topic : Principles and Theory in Economic Evaluation in Health / <b>Introduction to methods of cost measurement</b> (Concept of costs, classifications of costs. Costing techniques, the 5 W : When? Whom? What? Where?, Why? of cost calculation)  Exercise plus discussion; 9.30 10.00 am (30 minutes)  10.00 10.30 coffee break  Instructor : Dr. Pascal Bonnet	<b>Free Library and computer work</b> Start looking at the examination paper (to be returned two weeks after the end of the session)  <b>&amp; self help VHS video</b> display on diseases: topic = “re-examine some diseases towards economic aspects (cost and benefits)” RVF/ FMD/ LSD/ CBPP	Lecture: 8.30 9.30 Topic : Principles and Theory in Economic Evaluation in Health / <b>Carrying out cost advantage methods; CEA CBA, with and without discounting;</b> Time Preferences. Project appraisal.  Exercise plus discussion; 9.30 10.00 am (30 minutes) CER ICER computations,  10.00 10.30 coffee break  Instructor : Dr. Pascal Bonnet	Discussion: 8.30 10.00: <b>Practical in Ethiopian context: questions to raise , how and where to collect data: a seminar on data collection</b>  Exercise plus discussion 9.30 10.00 am  Students also will discuss questions on their <b>individual report summary</b> to be returned to instructors  10.00 10.30 coffee break  Instructor : Dr. Pascal Bonnet



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10:50–12:20	<p>Lecture 10.30 11.30 Topic : <b>Principles and Theory in Economic Evaluation in Health / Introduction to methods of evaluation.</b></p> <p>Exercise plus discussion 11.30 12.30: Presentation of literature and books &amp; guides of reference on academic methods Instructor : Pascal Bonnet</p>	<p>Lecture 10.30 11.30 Topic: Principles and Theory in Economic Evaluation in Health / <b>Introduction to methods of measurement of outcome (efficacy, effectiveness, and valuation without discounting)</b>, Consequences of a Health program, categorization of benefits. Clinical and economic assessment: Technical efficacy (trials) versus Social &amp; Financial effectiveness (&amp; monetary effects)</p> <p>Exercise plus discussion 11.30 12.30: Presentation of literature and papers &amp; guides of reference (ex: farm level partial budgeting)</p> <p>Instructor : Dr. Pascal Bonnet</p>		<p>Lecture 10.30 11.30 Topic: <b>Carrying out cost advantage methods CEA CBA with and without discounting.</b></p> <p>Exercise plus discussion 11.30 12.30 Introduction to a <b>practical</b> The Net Present Value NPV and Internal Rate of Return IRR. CBA with / without discounting (Excel function, HP calculators)</p> <p>Instructor : Dr. Pascal Bonnet</p>	<p>Exercise plus discussion 10.30 12.30</p> <p>Discussion on case studies planned by students.</p>
<b>L U N C H (12:20 – 2:00)</b>					
2:00–4:00	<p>14.00 15.00: <b>Principles and Theory in Economic Evaluation in Health / Introduction to methods of evaluation CEA CMA CUA CBA in health.</b></p> <p>15.00 end: Extra Home work given ( a paper to read or exercise) Instructor : Pascal Bonnet</p>	<p>14.00 15.00: <b>Introduction to methods of measurement of outcome (efficacy, effectiveness, Money valuation)</b></p> <p>Instructor : Dr. Pascal Bonnet</p>	<p>Seminar Library / Computer</p>	<p>14.00 15.00: <b>Evaluation of a paper, news concepts to take into consideration. Economic evaluation and decision making: uncertainty, feasibility, budget constraints, Sensitivity analysis, Presentation of a recommended format for reporting.</b></p> <p>Instructor : Dr. Pascal Bonnet</p>	<p>14.00 15.00: Debriefing on course questions and comments on the course</p> <p>Instructor : Dr. Pascal Bonnet</p>



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