

ROYAL AGRICULTURAL COLLEGE MODULAR SCHEME

Sheet updated: September 2011

Module Code 4010	Module Title Equine Husbandry	Module Leader Jo Charles
School which owns module	School of Agriculture	
Programme(s) to which module belongs	MBA Equine Business Management (focus) MA Business Management (elective)	
Module Level 7	Module Credits 15	Pre-Requisites None
Minimum Study Time 150 hours	Contact Hours within Study Time 40	Teaching Period Fridays (alternate weeks)
<p>Module Content</p> <p>The students will gain an insight into how to optimise the welfare, production and health of horses under different management regimes and sectors of the equine industry. The module covers topics such as equine behaviour; welfare issues associated with domestication, feeding management; training techniques and responses to training; and stud management.</p>		
<p>Module Outcomes</p> <p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Demonstrate a knowledge and understanding of the recent developments within the equine industry that affect the health and welfare of horses. 2. Appreciate the scientific basis behind feeding and training to enable horses to be managed to optimise their performance. 3. Critically analyse equine husbandry literature. 4. Understand the basis of horse behaviour to enable optimal welfare of domestic horses. 		
Assessment	Description	Weighting
Coursework	Written assignment	60%
	Ration formulation exercise	40%
Examination	N/A	

Key texts:

Students should be familiar with the content of at least one of the following:

Ellis, A.D., Longland, A.C., Coenen, M. and Miraglia, N. (Eds.). (2010). *The Impact of Nutrition on the Health and Welfare of Horses*. EAAP Scientific Series No. 128. Wageningen Academic Publishers.

Frape, D. (2010). *Equine Nutrition and Feeding*. (4th edition). Wiley-Blackwell.

Hausberger, M., Sondergaard, E. and Martin-Rosset, W. (2007). *Horse Behaviour and Welfare*. (EAAP Publication; 122). Wageningen Academic Publishers.

Mills, D. and Nankervis, K. (1999). *Equine Behaviour: Principles and Practice*. Blackwell Science.

Mills, D.S. and McDonnell, S.M. (2005). *The Domestic Horse: The Origins, Development and Management of its Behaviour*. Cambridge University Press.

Mcgreevy, P. (2004). *Equine Behaviour. A Guide for Veterinarians and Equine Scientists*. Saunders.

National Equine Welfare Council. (2009). *Equine Industry Welfare Guidelines Compendium for Horses, Ponies and Donkeys*. (3rd edition). NEWC.

National Research Council (NRC). (2007). *Nutrient Requirements of Horses*. Bulletin No. 6 (revised). The National Academies Press.

Waren, N. (ed.). (2002). *The Welfare of Horses*. Kluwer Academic Publishers.

Supporting texts:

Bromiley, M. (2009). *Natural Methods for Equine Health and Performance*. (2nd edition). Wiley-Blackwell.

British Society of Animal Science. (2005). *Applying Equine Science: Research into Business*. Proceedings: conference, Royal Agricultural College, Cirencester, September 2005 / British Society of Animal Science Conference proceedings.

Equine Research Centre. (1995). *The Thinking Horse*. University of Guelph, Canada.

Lethbridge, E. (2009). *Knowing Your Horse: A Guide to Equine Learning, Training and Behaviour*. Wiley-Blackwell.

Mcgreevy, P. and Mclean, A. (2010). *Equitation Science*. Wiley-Blackwell.

Rees, L. (1984). *The Horses' Mind*. Stanley Paul.

Useful websites:

www.defra.gov.uk/rural/horses

www.newc.co.uk

<http://nrc88.nas.edu/nrh> (nutrient requirements for horses)

Orders and Statutory Instruments:

Animal Welfare Act (2006) (c.45).

EU Welfare in Transport Regulation (EC) No. 1 / 2005.

Horse Passports (England) Regulations 2004.

Welfare of Animals Transport Order (1997).