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|  | Course Code: DAGR*4830 | Semester Offering: Winter 2012 | Credit Weight: 0.50 |
| | Course Title: Horse Facility Management and Design | Lecture, Lab, and Independent Learning Hours: Lecture: Monday 1pm – 2pm and Wednesday 1pm – 3pm Independent Learning: | |
| CHANGING LIVES IMPROVING LIFE | Instructor Name and Contact Information: Casey Gillis, Room 216D Parish, ext 61283, cgillis@kemptvillec.uoguelph.ca Kerstin Blaeske, Room 216A Parish, ext 61328, kblaeske@kemptvillec.uoguelph.ca Guest Lectures by: Dr. Tim Rennie | | |
| Course Description: This course presents aspects of the building, renovating and management of horse facilities including site planning and interior design. Special consideration is given to environmental control, waste management and environmental stewardship. | | | |
| Evaluation: <div style="text-align: center;"> Farm Design Assignments 20% Farm Design Final Binder 10% Farm Design Poster 10% Midterm exam 30% Final exam 30% TOTAL 100% </div> <p>The farm design project and poster will be a group effort which will include the research and design of a fictitious equine facility, covering in detail, all topics discussed within the course.</p> | | | |
| Method of Presentation: Course Delivery: Lectures to be given using visual material including PowerPoint presentations, overheads, and videos. Field trips will involve visits to local farms and stables to observe different facilities and management styles. Field trips will enhance the course material through example of the application of different products and management styles. | | | |
| Course Objectives: <i>Upon completion of this course, students will exhibit the ability to:</i> <ol style="list-style-type: none"> 1. Describe the relationship between inherent equine behaviors and the design and management of an equine facility. 2. Be able to develop a farm master plan, including site planning in consideration of natural and man-made factors. 3. Employ legislative and regulatory criteria in the development and management of an equine facility 4. Formulate effective environmental managements plans | | | |

| Weekly Course Outline: The following summary of weekly topics/activities is subject to change. | | |
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| Week | Date | Topics/Activities |
| 1 | Jan 9 | Introduction to Farm Design Project. <i>Farm Design Questionnaire</i> . Equine behavior in farm management. |
| 2 | Jan 16 | Farm Master Plan. Site Planning. Environmental Farm Plan |
| 3 | Jan 23 | General Stable Design. <i>FDP Lecture Assignment #1 Due</i> . Barn construction – exterior design. |
| 4 | Jan 30 | Barn construction – interior design. Field Trip |
| 5 | Feb 6 | Introduction to financing an equine facility. <i>FDP Assignment #2 is due</i> . Ventilation, thermal environment and air quality control. |
| 6 | Feb 13 | Managing equine respiratory health. Midterm Exam Wednesday Feb 15 |
| 7 | Feb 27 | Arena construction (indoor and outdoor). <i>FDP Lecture Assignment #3 Due</i> . Farm Design Project |
| 8 | March 5 | Pasture management and parasite control. Field Trip |
| 9 | March 12 | Paddock and fencing design. <i>FDP Lecture Assignment #4 Due</i> . Dr. Rennie: Manure management. Water and waste management. |
| 10 | March 19 | Farm Design Project – the executive summary. Laws and legislation applying to equine facilities. |
| 11 | March 26 | Farm and fire safety and record keeping. Farm Design Poster Presentations. <i>FDP Final Project Binder Due</i> . |
| 12 | April 2 | Equine Insurance. Review. |
| 13 | April 9 | Final Exam Wednesday, April 11 10am – 12pm |
| Course Prerequisite(s): | | Course Restriction(s): |
| None | | BBRM Equine Management students |
| Text Book(s) Required: | | Reference Material: |
| Horse Facilities Handbook, Wheeler et al., 2004, MWPS, IA | | Horsekeeping on a Small Acreage, Hill, 1992, Storey Communications Inc, VT. Stablekeeping, Hill, 2000, Storey Books, VT Roofs and Rails, 2002. G Ehringer. ISBN: 0911647317 |

Additional Course Information:

Electronic Communications: Students will be required to access course materials and grades on *CourseLink*. Further, it is the student's responsibility to ensure that he/she knows how to send and receive e-mail using his/her *GryphMail* account and to check it regularly. All course-related electronic communications with the instructor and fellow students are to be delivered with the *GryphMail* account.

Academic Integrity: Adherence to acceptable standards of academic honesty is expected. Academic material submitted by a student is evaluated on the assumption that the work presented is his/ her own, unless designated otherwise. The University of Guelph takes a serious view of academic misconduct and it is your responsibility as a student to be aware of, and to abide by, the University's policy. To better understand your responsibilities, refer to the Diploma Program Calendar and discuss any questions you may have with your Instructor or Program Coordinator. For this course, all exams will be kept on file for one academic year by the Instructor. [The use of dictionaries is prohibited during all examinations.]

Missed Assessments & Classes: Make-up exams will be offered only to students with documented medical, psychological, or compassionate reasons for missing a scheduled assessment or *advanced consent* from the Program Coordinator. Late assignments without the aforementioned documentation will not be accepted and will result in a zero grade. It is the student's responsibility to obtain notes/ learning materials from a missed class.

Advanced Consent: Advanced consent is offered by the Program Coordinator to students who are taking part in an industry-related activity during a period that conflicts with a previously scheduled significant assessment (> 10% of term grade) that is not a midterm or final exam. This consent is offered prior to the event on the basis of evidence provided by the student to the Coordinator, verifying the participatory nature of the student. A written document from the event sponsor or employer- complete with dates, signature, and specific evidentiary explanation- is required.

Classroom Etiquette:

1. The general use of small, personal electronic devices (e.g. cell phones, iPods) during class is disruptive and disrespectful. As a result, their use in the classroom for reasons other than instructor-led learning is prohibited.
2. The use of a laptop for the purpose of taking notes/learning in the classroom is a *privilege*. Any student abusing this concession by using a laptop in class for other purposes will have the privilege revoked.
3. In the classroom, students are expected to demonstrate behaviour that would meet the minimum conduct requirements of any professional working environment.

Assignments:

1. All assignments are due on the dates noted above, by 3:00pm.
2. All assignments handed in must have a cover page stating the course, subject, due date, student names and instructor name.
3. Assignments may be submitted in hard copy or by email. All assignments will be time stamped. It is the responsibility of the student to ensure that the assignment is received on time.
4. Late assignments (past 3:00pm) will have an automatic deduction of 25%. There will be an additional 10% penalty for each day late.

NOTE: The Farm Design Project *must* be completed for course completion.