

# DVM TEXTBOOK/EQUIPMENT LIST

## Spring 2012 - Class of 2015

Colorado State University

COLLEGE OF VETERINARY MEDICINE  
AND BIOMEDICAL SCIENCES

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### VM611 – Foundations of Veterinary Medicine II - See Required Equipment/Supplies list

#### VM619 – Veterinary Neurobiology

##### **REQUIRED:**

1. *Handbook of Veterinary Neurology*. Lorenz & Kornegay. 3<sup>rd</sup> edition, Elsevier, 2004. ISBN 0721689868.
2. *Veterinary Neurobiology Interactive Program & Interactive Cases*. (2 CDs) Whalen, L.R.

##### **RECOMMENDED:**

A. DeLahunta: *Veterinary Neuroanatomy and Clinical Neurology*, 3<sup>rd</sup> Ed., Elsevier, ISBN 0721630249

### VM623 – Veterinary Nutrition & Metabolism - None

#### VM637 – Veterinary Bacteriology and Mycology

##### **RECOMMENDED:**

1. P.J. Quinn et al: *Veterinary Microbiology and Microbial Disease*, Blackwell Professional, 2002, ISBN 063205525
2. Dwight C. Hirsh et al: *Veterinary Microbiology*, 2<sup>nd</sup> Edition, Blackwell Publishers, 2004 ISBN: 0813803799
3. J.G. Songer & K.W. Post: *Veterinary Microbiology: Bacterial and Fungal Agents of Animal Disease*, Elsevier Saunders, 2005 ISBN: 0721687172.

### VM638 – Veterinary Parasitology- None

#### VM639 – Veterinary Virology

##### **REQUIRED:**

*Veterinary Virology*. Maclachlan, N. James & Dubovi, Edward J. 4<sup>th</sup> edition, Academic Press, 2011. ISBN 978-0-12-375158-4.

#### VM640 – Biology of Disease I

##### **REQUIRED:**

*Basis of Veterinary Disease*. McGavin. 4<sup>th</sup> edition, Elsevier/Mosby, 2007. ISBN 032302870.

#### VM648 – Food Animal Production & Food Safety

##### **RECOMMENDED:**

1. Peter R. Cheeke: *Contemporary Issues in Animal Agriculture*, 3<sup>rd</sup> Edition, 2004, Pearson Prentice Hall, ISBN 0131125869.
2. Taylor & Field: *Scientific Farm Animal Production*, 8<sup>th</sup> Ed., 2004, Pearson Prentice Hall, ISBN 013048170X.
3. William T. Hubbert, et al: *Food Safety and Quality Assurance: Foods of Animal Origin*, 2<sup>nd</sup> Edition, 1996, Iowa State University Press, Blackwell Publishers, ISBN 081380714X.

##### **ELECTIVES:**

#### VM621 – Exotic Animal Anatomy & Husbandry

##### **RECOMMENDED:**

Bairbre O'Malley: *Clinical Anatomy & Physiology of Exotic Species: Structure & Function of Mammals, Birds, Reptiles & Amphibians*, Elsevier, ISBN 072027820.

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DVM Lecture Notes will be available at printing services by the first week of January, February, March and April. Orders can be made by e-mailing [ccs\\_packets@mail.colostate.edu](mailto:ccs_packets@mail.colostate.edu) or calling 970-491-5553.

**Required Equipment/Supplies**

1. Blue Clinic Smock
2. Stethoscope
3. Scrubs (top and pants)
4. Name badge
5. # 3 short scalpel handle- preferably with a cm scale on one side.
6. Metzenbaum scissors- plain, no carbide edge approx 18 cm long
7. Brown-Adson thumb forceps
8. Two curved mosquito hemostats
9. Scissors for cutting suture- these can be just regular Mayo scissors 6.75 inches
10. Mayo Hegar needle holders – about 16 cm- plain, no carbide needed
11. Coveralls and Boots (see description below)

**Required clothing for DVM clinical instruction in the Livestock Section (food animal section) of the VTH:**

The following clothing requirements are intended to limit the potential for spread of infectious agents among large animal patients in the VTH. These requirements are also intended to protect the veterinary student from contaminating his or her clothing with infectious agents. These requirements are identical to those required for clinical rotations in the third and fourth years of the DVM curriculum.

- 1) **Sleeved coveralls.** Sleeved coveralls limit contact of potentially infectious biologic material with underlying street clothes. Coveralls with torn sleeves or holes will not be considered of acceptable professional appearance. A source for durable coveralls is Pella Veterinary Apparel. A suggested style is the Short-Sleeve Coveralls available at [VetText](#). Other, similar brands and styles are acceptable; consider [VetText](#) one potential source. Coveralls are typically ordered according to chest size and come in short, regular, and tall leg lengths. It is recommended that you order a chest size that allows you to wear warm clothing underneath; the use of men's sizing is recommended for this purpose as well. Bib coveralls (with suspender straps) are not allowed for student use in the Livestock Section of the VTH as these enable contamination of underlying clothing.
- 2) **Rubber overboots.** The overboots accepted for wear in the Livestock Section of the VTH are those that can be pulled on and off over street shoes or boots. Examples include Tingley's boots or PVC Overboots. Both of these should be the 10"-12" height and have one or two snaps or buttons as fasteners. The low-profile tread on these overboots results in less tracking of manure and therefore reduces the risk of transfer of infectious agents among patients in the clinic. These overboots can be purchased at ordered online at [VetText](#) and are also available for purchase at other local farm and ranch supply stores. You may wish to purchase a size of overboot that allows you to wear warm footwear underneath during the winter months. "Wellington"-type over-the-calf boots are not allowed in the Livestock Section of the VTH because their deep tread facilitates tracking of manure and because shoes cannot be worn underneath these types of boots. Boots with buckles are not allowed, as these tend to trap manure and are far more difficult to thoroughly disinfect than the recommended 1- or 2-button or snap design.

# DVM TEXTBOOK/EQUIPMENT LIST

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Colorado State University

COLLEGE OF VETERINARY MEDICINE  
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**VM711 – Foundations of Veterinary Medicine IV-** *See Required Equipment/Supplies list*

**VM726 – Principles of Imaging Interpretation I**

**RECOMMENDED:**

1. D. E. Thrall, et al: *Textbook of Veterinary Diagnostic Radiology*, 5<sup>th</sup> edition, 2007, Elsevier. ISBN 9781416026150
2. S.L.Kraft, et al: *Veterinary Radiology CD*, Version 5.1, 2005

**VM733 – Principles of Surgery-** *None*

**VM737 – Principles of Anesthesia**

**RECOMMENDED:**

- Veterinary Anesthesia and Analgesia*, 4<sup>th</sup> Edition, 2007, Blackwell. ISBN-13: 9780781754712

**VM742 – Biology of Disease III-** *None*

**VM744 – Theriogenology -** *None*

**VM745/47 – Clinical Sciences I/II -** *None*

**VM747 – Clinical Sciences II**

**RECOMMENDED:**

- Manual of Canine and Feline Cardiology*, 4<sup>th</sup> edition, 2008 Saunders Elsevier, 2008. ISBN-13: 9780721677217

**ELECTIVES:**

**VM716 – Principles of Shelter Medicine-** *None*

**There are many excellent REFERENCE books that you may find useful.** To choose textbooks, you may want to consider your level of interest in the subject, the organization and presentation style of the authors, and the experiences of other students. The following textbooks are **recommended** by your instructors:

Small Animal Reference

1. Piermattei et al: *Handbook of Small Animal Orthopedics & Fracture Repair*, 4<sup>th</sup> Ed., 2006, Saunders/Elsevier. ISBN 072169214
2. Ettinger and Feldman: *Textbook of Veterinary Internal Medicine*, 6<sup>th</sup> Ed., Elsevier, 2005. ISBN 0721601170
3. Feldman: *Small Animal Endocrinology and Theriogenology*, 3<sup>rd</sup> Ed., 2004, Elsevier. ISBN 0721693156
4. L.G. King: *Textbook of Respiratory Disease in Dogs and Cats*, Elsevier, 2004. ISBN 0721687067
5. Nelson and Couto: *Small Animal Internal Medicine*, 3<sup>rd</sup> Ed., 2003, Elsevier. ISBN 032301724X ; 4<sup>th</sup> Ed. ISBN 97890323048811)

Equine Reference

1. J. A. Auer: *Equine Surgery*, 3<sup>rd</sup> Ed., 2006, Elsevier. ISBN 1416001239
2. S. Reed, W. Bayley and D. Sellon: *Equine Internal Medicine*, 2<sup>nd</sup> Ed., Saunders/Elsevier, 2004. ISBN 0721697771
3. Nathan Slovis: *Atlas of Equine Endoscopy*, Mosby/Elsevier, 2004. ISBN 032318483
4. B. P. Smith: *Large Animal Internal Medicine*, 3<sup>rd</sup> Ed., 2002. ISBN 0323009468. 4<sup>th</sup> Ed. 2008, ISBN: 9780323042970)
5. N.E. Robinson: *Current Therapy in Equine Medicine*, 5<sup>th</sup> Ed., 2003. ISBN 072169540X, 6<sup>th</sup> Ed. 2008, ISBN: 1416054758)
6. D. Sellon and M. Long: *Equine Infectious Diseases*, Saunders/Elsevier, 2006, Elsevier. ISBN 1416024069
7. R. S. Youngquist: *Current Therapy In Large Animal Theriogenology*, 2<sup>nd</sup> Ed., 2006. Elsevier. ISBN 0721693237

Food Animal Reference

1. B. P. Smith: *Large Animal Internal Medicine*, 3rd edition, 2002. ISBN 0323009468 (4<sup>th</sup> Ed. Avail. 3/08)
2. R. S. Youngquist: *Current Therapy In Large Animal Theriogenology*, 2<sup>nd</sup> Ed., 2006, Elsevier. ISBN 0721693237

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# DVM TEXTBOOK/EQUIPMENT LIST

## Spring 2012 - Class of 2014 (con't)

Colorado State University

COLLEGE OF VETERINARY MEDICINE  
AND BIOMEDICAL SCIENCES

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### Required Equipment/Supplies

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6. Metzenbaum scissors- plain, no carbide edge approx 18 cm long
7. Brown-Adson thumb forceps
8. Two curved mosquito hemostats
9. Scissors for cutting suture- these can be just regular Mayo scissors 6.75 inches
10. Mayo Hegar needle holders – about 16 cm- plain, no carbide needed
11. Coveralls and Boots (see description below)

### Strongly Recommended Equipment/Supplies

1. Scalpel handle
2. Kelly hemostat

### **Required clothing for DVM clinical instruction in the Livestock Section (food animal section) of the VTH:**

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### **VM712 – Practice Management and Professional Development**

*No Textbooks or Supplies Required*

### **VM730 – Applied Animal Behavior**

**RECOMMENDED:**

*Low Stress Handling, Restraint and Behavior Modification of Dogs & Cats: Techniques for Developing Patients Who Love Their Visits.* Yin, Sophia. Cattle Dog, 2009. ISBN: 096451847

### **VM786AV – Junior Practicum**

**REQUIRED:**

*Veterinary Clinical Parasitology.* Zajac, AM and Conboy, GA. 7<sup>th</sup> edition. Blackwell Publishing, Ames, IA 2006. ISBN: 081381734X

*Refer to specific Clinical Rotation for required material or equipment.*

The following equipment is required for the Junior Practicum LAPE, FAD/FAX, FAO and FAM labs:

Rubber overboots (i.e. boots that fit OVER shoes), coveralls, stethoscope, and pen light.

### **VM795 – Capstone Exam III - None**

## **TRACK SELECTIVES:**

### **VM757 – Bovine Herd Medicine**

*No Textbooks or Supplies Required*

### **VM763 – Equine Medicine & Surgery I**

**RECOMMENDED:**

1. *Equine Surgery.* Auer and Stick. 3rd edition. Elsevier, 2006. ISBN 1416001239.
2. *Diagnosis & Management of Lameness in the Horse. (w/CD)* Ross, Dyson. Elsevier 2003. ISBN 0721683428
3. *Equine Neonatal Medicine and Surgery.* Knottenbelt. Elsevier, 2005. ISBN 0702026921
4. *Equine Reproduction.* McKinnon and Voss. Blackwell, 2005. ISBN 0812114272
5. *Equine Surgery Advanced Techniques .* McIlwraith and Robertson., 2<sup>nd</sup> edition, 1998.
6. *Equine Internal Medicine.* Reed and Bayley. 2<sup>nd</sup> edition, Elsevier, 2004. ISBN 0721697771
7. *Adams Lameness in Horses.* Stashak's. 5<sup>th</sup> edition, Blackwell, 2002. ISBN 0781741955
8. *Manual of Equine Emergencies Treatment and Procedures.* Orsini and Divers. 3<sup>rd</sup> Ed, Elsevier. ISBN 1416036091
9. *Equine Ophthalmology.* Gilger. Elsevier, 2005. ISBN 0721605222

**SUPPLEMENTAL READING:**

1. *Manual of Equine Reproduction.* Blanchard et al. 2<sup>nd</sup> edition. Mosby/Elsevier 2003. ISBN: 0323017134
2. *Equine Diagnostic Ultrasound.* Reef, Elsevier, 1998. ISBN: 0721650236
3. *Atlas of Equine Endoscopy.* Slovis, 1<sup>st</sup> edition. Elsevier, 2004. ISBN: 0323078483
4. *Large Animal Internal Medicine.* Smith, 4<sup>th</sup> edition. Mosby, 2008. ISBN: 978-0323042970

**VM773/774 – Small Animal Medicine & Surgery I & II**

***RECOMMENDED:***

1. *Small Animal Surgery*. Fossum, 3<sup>rd</sup> edition. Elsevier. ISBN: 0323044395
2. *Ophthalmic Disease in Veterinary Medicine*. Martin, Manson Publishing Ltd 2005. ISBN: 1840760168
3. *Small Animal Medicine*. Nelson & Couto, 4<sup>th</sup> edition. Elsevier 2008. ISBN: 97803232948811.
4. *Veterinary Neuroanatomy and Clinical Neurology*. De Lahunta & Glass, Elsevier 2008. ISBN: 9780721667065. OR *BSAVA Manual of Canine and Feline Neurology*. Wiley, John & Sons 2004. ISBN: 0905214749.

***SUPPLEMENTAL READING:***

*Small Animal Clinical Oncology*. Withrow and Vail, 4<sup>th</sup> edition. Elsevier. ISBN: 0721605583

**ELECTIVES:**

**VM731 – Biology & Disease of Small Mammals**

***RECOMMENDED:***

*Ferrets, Rabbits and Rodents, Clinical Medicine and Surgery*. Hillyer, E.V. and Quesenberry, K.E.  
ISBN: 0721693773

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