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OCT 11 2016

FORMAT 1

Dean's Office

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (see complete description of the rules governing curriculum & course changes.)
See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-proposal> College of Natural Science & Mathematics

TRIAL COURSE OR NEW COURSE PROPOSAL

SUBMITTED BY:

Department	Veterinary Medicine	College/School	CNSM
Prepared by	Cathy Griseto	Phone	474-1928
Email Contact	cagriseto@alaska.edu	Faculty Contact	Arleigh Reynolds, Assoc Dean Vet Med

1. ACTION DESIRED (CHECK ONE): Trial Course ☐ New Course ☒

2. COURSE IDENTIFICATION: Dept DVM Course # 726 No. of Credits 2

Justify upper/lower division status & number of credits:

Professional Program required course - see CSU syllabus attached

3. PROPOSED COURSE TITLE: Principles of Imaging Interpretation

4. To be CROSS LISTED? YES/NO NO If yes, Dept: Course #

NOTE: Cross-listing requires approval of both departments and deans involved. Add lines at end of form for additional required signatures.

5. To be STACKED? YES/NO NO If yes, Dept: Course #

How will the two course levels differ from each other? How will each be taught at the appropriate level?:

Stacked course applications are reviewed by the (Undergraduate) Curricular Review Committee and by the Graduate Academic and Advising Committee. Creating two different syllabi-undergraduate and graduate versions-will help emphasize the different qualities of what are supposed to be two different courses. The committees will determine: 1) whether the two versions are sufficiently different (i.e. is there undergraduate and graduate level content being offered); 2) are undergraduates being overtaxed?; 3) are graduate students being undertaxed? In this context, the committees are looking out for the interests of the students taking the course. Typically, if either committee has qualms, they both do. More info online - see URL at top of this page.

6. FREQUENCY OF OFFERING: Spring each year beginning 2017
Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) - or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (AY2013-14 if approved by 3/1/2013; otherwise AY2014-15) AY2016-2017

Correction needed:
Effective for
AY2017-18.

8. COURSE FORMAT:

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the Core Review Committee.

COURSE FORMAT: (check all that apply) ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☒ 6 weeks to full semester

OTHER FORMAT (specify)

Mode of delivery (specify lecture, field trips, labs, etc) Lecture and Lab

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College of Natural Science & Mathematics

JESSICA LARSEN
8/8/14 TLP

9. CONTACT HOURS PER WEEK:

<input checked="" type="checkbox"/> 1	LECTURE	<input type="checkbox"/>	LAB	<input checked="" type="checkbox"/> 1	PRACTICUM
	hours/weeks		hours/week		hours/week

Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-guidelines-for-computing/> for more information on number of credits.

OTHER HOURS (specify type)

10. COMPLETE CATALOG DESCRIPTION including dept., number, title, credits, credit distribution, cross-listings and/or stacking (50 words or less if possible):

Example of a complete description:

FISH F487 W, O Fisheries Management
3 Credits Offered Spring

Theory and practice of fisheries management, with an emphasis on strategies utilized for the management of freshwater and marine fisheries. Prerequisites: COMM F131X or COMM F141X; ENGL F111X; ENGL F211X or ENGL F213X; ENGL F414; FISH F425; or permission of instructor. Cross-listed with NRM F487. (3+0)

DVM 726 Department of Veterinary Medicine
2 Credit Offered Spring
Principles of Imaging Interpretation.

This is the first of a two part series in imaging interpretation. This course covers gastrointestinal, thoracic and cardiac imaging. The second part of the course is held in the fall of the 3rd year at Colorado State (VM728) and will cover equine and small animal musculoskeletal, urinary tract and neurological imaging.

Pre-requisites: Good standing in Professional Veterinary Program

11. COURSE CLASSIFICATIONS: Undergraduate courses only. Consult with CLA Curriculum Council to apply S or H classification appropriately; otherwise leave fields blank.

H = Humanities

S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core? If YES, attach form.

YES:	<input type="checkbox"/>	NO:	<input checked="" type="checkbox"/>
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IF YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, Format 6	<input type="checkbox"/>	W = Writing Intensive, Format 7	<input type="checkbox"/>	X = Baccalaureate Core	<input type="checkbox"/>
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11.A Is course content related to northern, arctic or circumpolar studies? If yes, a "snowflake" symbol will be added in the printed Catalog, and flagged in Banner.

YES	<input type="checkbox"/>
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NO	<input checked="" type="checkbox"/>
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12. COURSE REPEATABILITY:

Is this course repeatable for credit?

YES	<input type="checkbox"/>
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NO	<input checked="" type="checkbox"/>
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Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

How many times may the course be repeated for credit?

<input type="text"/>	TIMES
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If the course can be repeated for credit, what is the maximum number of credit hours that may be earned for this course?

<input type="text"/>	CREDITS
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If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

<input type="text"/>	CREDITS
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13. GRADING SYSTEM: Specify only one. Note: Changing the grading system for a course later on constitutes a Major Course Change - Format 2 form.

LETTER: ☒ XPASS/FAIL: ☐

RESTRICTIONS ON ENROLLMENT (if any)

14. PREREQUISITES

Professional Veterinary Medical program student or permission of instructor

These will be required before the student is allowed to enroll in the course.

15. SPECIAL RESTRICTIONS, CONDITIONS

Professional Veterinary Medical program student or permission of instructor

16. PROPOSED COURSE FEES

TBD

Has a memo been submitted through your dean to the Provost for fee approval?
Yes/No

Yes

17. PREVIOUS HISTORY

Has the course been offered as special topics or trial course previously?

Yes/No

No

If yes, give semester, year, course #, etc.:

18. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

Professional Program approved by BOR, Chancellor and Provost – Impact to budget in second year will ease with second cohort of students

19. LIBRARY COLLECTIONS

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No

☒

Yes

☐

Department will keep complete library of required course materials in AHRB office

20. IMPACTS ON PROGRAMS/DEPTS

What programs/departments will be affected by this proposed action?

Include information on the Programs/Departments contacted (e.g., email, memo)

Impact on Animal Resource Center facility for necropsy and specialized needs. ARC contacted and approved (jchlake@alaska.edu)

21. POSITIVE AND NEGATIVE IMPACTS

Please specify positive and negative impacts on other courses, programs and departments resulting from the proposed action.

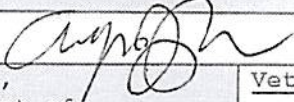
There should be no impact on other departments.

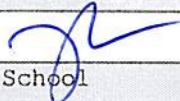
JUSTIFICATION FOR ACTION REQUESTED

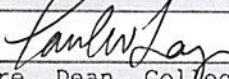
The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.

The course is required for second year veterinary students and the syllabus is provided by CSU CVMBS. The course has been approved by their accreditation requirements and will be offered at UAF as part of the 2+2 program (first two years at UAF and last two years at CSU).

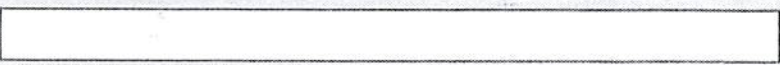

APPROVALS: Add additional signature lines as needed.

 Date 7/7/14
Signature, Chair, Program/Department of: Veterinary Medicine



 Date 10-10-16
Signature, Chair, College/School Curriculum Council for: CNSM

 Date 10/11/16
Signature, Dean, College/School of: CNSM

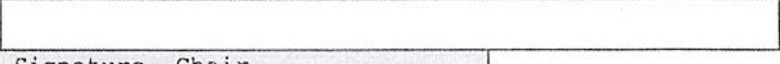


Offerings above the level of approved programs must be approved in advance by the Provost.

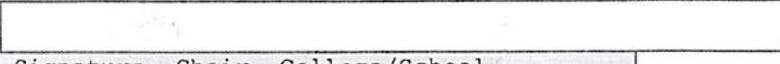
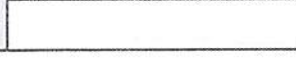

 Date 
Signature of Provost (if above level of approved programs)

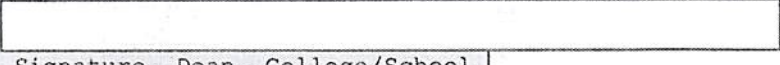
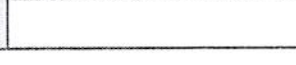

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

 Date 
Signature, Chair
Faculty Senate Review Committee: ☐ Curriculum Review ☐ GAAC
☐ Core Review ☐ SADAC

ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)

 Date 
Signature, Chair, Program/Department of: 

 Date 
Signature, Chair, College/School Curriculum Council for: 

 Date 
Signature, Dean, College/School of: 

ATTACH COMPLETE SYLLABUS (as part of this application). This list is online at: <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/uaf-syllabus-requirements/>
The Faculty Senate curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items are missing or unclear, the proposed course (or changes to it) may be denied.

SYLLABUS CHECKLIST FOR ALL UAF COURSES

During the first week of class, instructors will distribute a course syllabus. Although modifications may be made throughout the semester, this document will contain the following information (as applicable to the discipline):

1. Course information:

☐ Title, ☐ number, ☐ credits, ☐ prerequisites, ☐ location, ☐ meeting time
(make sure that contact hours are in line with credits).

2. Instructor (and if applicable, Teaching Assistant) information:

☐ Name, ☐ office location, ☐ office hours, ☐ telephone, ☐ email address.

3. Course readings/materials:

☐ Course textbook title, ☐ author, ☐ edition/publisher.

☐ Supplementary readings (indicate whether ☐ required or ☐ recommended) and

☐ any supplies required.

4. Course description:

☐ Content of the course and how it fits into the broader curriculum;

☐ Expected proficiencies required to undertake the course, if applicable.

☐ Inclusion of catalog description is *strongly* recommended, and

☐ Description in syllabus must be consistent with catalog course description.

5. ☐ Course Goals (general), and (see #6)

6. ☐ Student Learning Outcomes (more specific)

7. Instructional methods:

☐ Describe the teaching techniques (eg: lecture, case study, small group discussion, private instruction, studio instruction, values clarification, games, journal writing, use of Blackboard, audio/video conferencing, etc.).

8. Course calendar:

☐ A schedule of class topics and assignments must be included. Be specific so that it is clear that the instructor has thought this through and will not be making it up on the fly (e.g. it is not adequate to say "lab". Instead, give each lab a title that describes its content). You may call the outline Tentative or Work in Progress to allow for modifications during the semester.

9. Course policies:

☐ Specify course rules, including your policies on attendance, tardiness, class participation, make-up exams, and plagiarism/academic integrity.

10. Evaluation:

☐ Specify how students will be evaluated, ☐ what factors will be included, ☐ their relative value, and ☐ how they will be tabulated into grades (on a curve, absolute scores, etc.) ☐ Publicize UAF regulations with regard to the grades of "C" and below as applicable to this course. (Not required in the syllabus, but is a convenient way to publicize this.) Link to PDF summary of grading policy for "C":

[http://www.uaf.edu/files/uafgov/Info-to-Publicize-C Grading-Policy-UPDATED-May-2013.pdf](http://www.uaf.edu/files/uafgov/Info-to-Publicize-C%20Grading-Policy-UPDATED-May-2013.pdf)

11. Support Services:

☐ Describe the student support services such as tutoring (local and/or regional) appropriate for the course.

12. Disabilities Services: Note that the phone# and location have been updated.

<http://www.uaf.edu/disability/> The Office of Disability Services implements the Americans with Disabilities Act (ADA), and ensures that UAF students have equal access to the campus and course materials.

☐ State that you will work with the Office of Disabilities Services (208 WHITAKER BLDG, 474-5655) to provide reasonable accommodation to students with disabilities.

5/21/2013

DVM 726 PRINCIPLES OF IMAGING INTERPRETATION I
SYLLABUS - SPRING

Department of Veterinary Medicine, University of Alaska Fairbanks

1. Course Information

Title: Principles of Imaging Interpretation I
Number: DVM 726
Credits: 2
Prerequisites: Successful completion of first year veterinary medical program; good standing in professional veterinary medicine program.
Location: 102 Irving 1
Meeting time: Tuesday & Thursday 9:00 am to 9:50 am

2. Instructor Contact Information:

Name: Dr. Cristina Hansen
Office Location: 147 Irving I
Office hours: Tuesdays and Thursdays 9:00 am
Office phone: 474-1888
Email: cmhansen@alaska.edu

Email is the best way to reach the instructor. You should receive a response to your email within 24 hours. If you do not receive a reply within this time, assume that the email was not received.

3. Course Reading/Materials:

Textbook title: Textbook of Veterinary Diagnostic Radiology
Editor: Donald E. Thrall
Edition: 6th edition
Publisher: Saunders
ISBN: 978-1455703647

CSU Veterinary Radiology Software authored by CSU radiology faculty
"Veterinary Radiology Interactive Programs Version 5.1, 2005"
Purchase on Vet Text

4. Course Description:

This is the first of a two-part series in imaging interpretation. This course covers gastrointestinal, thoracic, and cardiac imaging. The second part of the course is held in

the fall of the third year veterinary curriculum (DVM 728) at Colorado State University and will cover equine and small animal musculoskeletal, urinary tract, and neurological imaging.

5. Course Goals:

To be able to interpret radiographs, ultrasound, and other imaging scans of various normal and abnormal gastrointestinal, thoracic, and cardiac structures.

6. Learning Outcomes:

Students will understand how imaging modalities work and why each is used. By the end of this course they will be able to interpret normal and abnormal gastrointestinal and thoracic radiographs and ultrasound. They will be expected to use this information to aid in diagnosis in a clinical context.

7. Instructional Methods:

There is no laboratory time available for this course. Lectures should be supplemented by information and images on the class website and by your independent review of the case-based learning units on the CSU veterinary radiology software that can be purchased from Vet Text (see above).

8. Course Calendar:

Date	Topic(s)
Week 1	Introduction and basic radiology concepts
Week 2	Ultrasound imaging: abdomen
Week 3	Radiology evaluation: liver, spleen, peritoneum, teeth, pharynx, swallowing
Week 4	Radiology evaluation: GI tract
Week 5	Radiology evaluation: GI tract. Case discussion: What's your diagnosis?
Examination 1	Online: date of open/close TBD
Week 6	Normal and abnormal cardiovascular radiology
Week 7	Radiology of congenital heart diseases
Week 8	Radiology of acquired heart diseases
Week 9	Cardiac case discussion: What's your diagnosis? Imaging of the pleural space and mediastinum

Week 10	Imaging of the pleural space and mediastinum
Week 11	Imaging of thoracic wall and diaphragm. Small animal nasal cavity, sinuses, upper airway
Examination 2	Online date of open/close TBD
Week 12	Thorax: principles of evaluation. Radiology of the lung
Week 13	Radiology of the lung
Week 14	Large animal sinuses, upper airway. Thoracic cases: What's your diagnosis?
Final Examination	

9. Course Policies:

- **Attendance:**

Students are expected to attend all classes. Exams will draw on lecture material and students that do not attend class will likely not do well in exams.

- **Classroom Behavior:**

Any type of behavior in the classroom that is disruptive, distracting, or disrespectful to the instructor or to your fellow students will not be tolerated and will result in dismissal from the classroom. This includes, but is not limited to, disrespectful comments, and the use of tobacco products. All cell phones or other such devices must be silenced while in the classroom. Do not browse the Internet, text message or IM while in the classroom. You can use such devices for note taking or other class related activities.

- **Plagiarism:**

Plagiarism is the overt or covert use of other people's work or ideas without acknowledgement of the source. This includes using ideas or data from a classmate or colleague without permission and acknowledgement, including sentences from journal articles in your writing without citing the author, or copying parts of a website into your essay. Plagiarism and cheating are serious offenses that violate the student code of conduct which may result in an "F" in the course and/or referral to the university disciplinary committee.

10. Evaluation:

There will be 3 examinations for the course. The final exam will be cumulative. Each exam is given online and the percentage earned for each exam has equal weight. Grades for all 3 exams will be averaged for a final grade. A 70% is required to pass. The schedule for each exam will be announced in class and by email. The format will be multiple choice, matching, or true/false and will relate to interpretation of provided images. Pay attention to the start and end times and dates. Do not wait until the last minute to start the exam! You must complete the exam during the prescribed time period.

There will be no make-up exams! All exams must be taken at the scheduled time. If you miss an exam, you will receive a zero as your grade. If you have a conflict due to a university-sponsored event, you must notify the instructor prior to the exam with a confirmation letter from a university authority.

Grades will be calculated on a 100-point scale:

A/A+	93 - 100%
A-	90 - 92.9%
B+	87 - 89.9%
B	83 - 86.9%
B-	80 - 82.9%
C+	77 - 79.9%
C	70 - 76.9%
D	65 - 65.9%
F	<65%

11. Support Services:

If you require more assistance than can be provided in class and office hours, you may want to contact student support services (<http://www.uaf.edu/sssp/>) or the Department of Veterinary Medicine for assistance.

12. Disability services:

All students, including those with disabilities, are welcome in this course. We are committed to providing equal access to this course for all students. If you have a disability (including learning disabilities) please inform us during the first week of class so that we can accommodate your specific needs. If you have not already done so, you will also need to contact UAF's Office of Disability Services at 474-5655 or uaf-disabilityservices@alaska.edu.