2015-16 #70-UNC #45-GNC

12/05/2016 Revised

12/12/'16: corrections noted.

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500).

See http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/ for a complete description of the rules governing curriculum & course changes.

TRIAL COURSE OR NEW COURSE PROPOSAL

JBMITTED BY	Y:								
Department	Veterinary I	Medicine		Colleg	e/School		CNS: 474-188		
Prepared by	Megan Hoffr	nan		Phone					
Email Contact	mhoffman2@	alaska.edu		Faculty	Contact	4	Arleigh Reynolds, Asso Dean Vet Me		
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13. GRADING SYSTEM: Sp Major Course Change – LETTER: X	ecify only one. Note: Changing th Format 2 form. PASS/FAIL:	e grading system for a cou	urse later on constitutes a
RESTRICTIONS ON ENROL	LMENT (if any)	The State of the S	
14. PREREQUISITES	DVM 4XX: Human A&P (BIOL permission of instructor. DVM 6XX: current enrollment program.		
The	e will be <i>required</i> before the student i	is allowed to enroll in the co	urse.
15. SPECIAL RESTRICTION CONDITIONS	vS,		
16. PROPOSED COURSE F.	EES \$100 a memo been submitted through you	ır dean to the Provost for fee	e approval? Yes
17. PREVIOUS HISTORY			
Has the course been offered of Yes/No	s special topics or trial course previously:	?	Yes
If yes, give semester, year, con	erse #, etc.: Maymester	2016	
19. LIBRARY COLLECTION. Have you contacted the library library/media collections, equi explain why not.	collection development officer (kljensen@ oment, and services available for the pro	Dalaska.edu, 474–6695) with 1 posed course? If so, give date o	regard to the adequacy of If contact and resolution. If not,
No x Yes	Department will keep con office	mplete library of required	course materials in AHRB
Include information on the Progr	IS/DEPTS its will be affected by this proposed as ms/Departments contacted (e.g., email, memo		
Vet Med at UAF 21. POSITIVE AND NEGATION	VF IMPACTS		
	egative impacts on other courses, progr	ams and departments resulting	from the proposed action.
	RE, Art, or other students may rest. This course should help DVI system.		
applications to make sure tha	TION REQUESTED It and campus-wide curriculum come the quality of UAF education is not This section needs to be self-explar	lowered as a result of the pr	roposed change. Please
course that would add to	spressed by veterinary and pre- their understanding of animal a students as well, if the interest	anatomy, vital for good v	

APPROVALS: Add additional signature lines as needed. Date Signature, Chair, Veterinary Medicine Program/Department of: Date Signature, Chair, College/School Curriculum CouncilCNSM toulle Date 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 Counc 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

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 <i>strongly</i> 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 <u>as applicable</u> 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
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

12/05/2016 Revised

DVM 4XX VETERINARY SCIENCE:

Skeleton Articulation SYLLABUS – Spring 2018

Department of Veterinary Medicine, University of Alaska Fairbanks

1. Course Information:

Title:

Skeleton Articulation

Number:

DVM 4XX

Credit:

Prerequisites:

Human Anatomy & Physiology (BIOL 213 OR 214); or Animal Physiology

(BIOL 310); or permission from instructor

Location:

153 Irving 1 (Vet Med Lab)

Meeting time:

Jan 23 - May 1, M, 6-9:00pm

2. Instructor Contact Information:

Name:

Megan Hoffman, MS

Office Location: 147 Irving

Office Hours:

M 4-6pm or by appointment

Office Phone:

474-1888

Email:

mhoffman2@alaska.edu

Name:

Vaughan Seed, DVM

Office Location:

148 Irving

Office Hours:

by appointment

Office Phone:

474-1887

Email:

bvseed@alaska.edu

Name:

Eric Zucker, LVT

Office Location:

147 Irving

Office Hours:

H 8:30-10:30am or by appointment

Office Phone:

474-1888

Email:

emzucker@alaska.edu

Email is the best way to reach the instructors. You should receive a response within 48 hours.

3. Course Reading/Materials:

None required. Recommended readings include Canine Construction by Lee Post (Bone Building Books, vol. 8). Other recommended reading including journal articles, will be distributed prior to class sessions via on-line resources or during class periods.

4. Course Description:

"Skeleton Articulation" (DVM 4XX, 1 credit) focuses on skeleton assembly of various species, from birds to mammals depending on availability. The larger portion of the course will be handson articulation of actual skeletons that have been cleaned and prepared prior to class. The lab will be supplemented with theory/lectures covering bones, joint types, and biologically accurate limb/joint angles.

5. Course Goals:

Overall Course Objectives:

- Expose students to various articulation techniques (hands-on).
- Teach basic articulating skills necessary for independent continuation of techniques.

6. Student Learning Outcomes:

- Have a better understanding of how the bones articulate.
- Be able to identify the main bone types and various bones of several species.
- Understand at least one (if not more) articulation method.
- Be able to arrange a skeleton in an anatomically accurate formation.
- Have an understanding of the types of joints and how that affects articulation.

7. Instructional Methods:

This course focuses largely on hands-on lab activities both in small groups and individually. It is designed to give students experience articulating skeletons of various species. It will increase students' anatomical understanding of the skeletal system.

Expected Time Commitment: Students should expect to spend 3 hours per week in lecture and/or lab. Students are expected to spend 1-3 hours per week outside of class reviewing written and lecture materials.

8. Course Calendar:

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Class Date	Topic Covered	Assignments Due
		Dates and Test Dates
Jan 23	Intro, Safety, Bones & Joints, Skeletal Layout	In-class Assignment
Jan 30	Forelimb Articulation	In-class Assignment
Feb 6	Forelimb Articulation	In-class Assignment
Feb 13	Forelimb Articulation & Midterm	Midterm
Feb 20	Hindlimb Articulation	In-class Assignment
Feb 27	Hindlimb Articulation	In-class Assignment
Mar 6	Trunk Articulation	In-class Assignment
Mar 13	SPRING BREAK - NO CLASS	
Mar 20	Trunk Articulation	In-class Assignment
Mar 27	Trunk Articulation	In-class Assignment
Apr 3	Midterm & Skull Articulation	Midterm
Apr 10	Skull Articulation	In-class Assignment
Apr 17	Articulation & Mounting	In-class Assignment
Apr 24	Articulation & Mounting	In-class Assignment
May 1	Final Presentation & Exam	Final
	Jan 23 Jan 30 Feb 6 Feb 13 Feb 20 Feb 27 Mar 6 Mar 13 Mar 20 Mar 27 Apr 3 Apr 10 Apr 17 Apr 24	Class Date Jan 23 Intro, Safety, Bones & Joints, Skeletal Layout Jan 30 Forelimb Articulation Feb 6 Forelimb Articulation Feb 13 Forelimb Articulation & Midterm Feb 20 Hindlimb Articulation Feb 27 Hindlimb Articulation Mar 6 Trunk Articulation Mar 13 SPRING BREAK - NO CLASS Mar 20 Trunk Articulation Mar 27 Trunk Articulation Apr 3 Midterm & Skull Articulation Apr 10 Skull Articulation Apr 17 Articulation & Mounting Apr 24 Articulation & Mounting

9. Course Policies:

Attendance:

Students are expected to attend all classes, as class participation is part of the grade.

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, the use of tobacco products, consumption of food, use of cell phones or wireless devices, or use of any type of communicative device. All cell phones or other such devices must be turned off 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 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/Grading:

Class Participation 21% (1.5% per class)

In-class Assignments 29% (2.9% per assignment)

Midterms 20% (10% each)

Final 30%

Class Participation: It is **not** sufficient to just show up to class, you are expected to be engaged and working on your assigned skeleton. Attending but not participating will result in a 0% for the day. Missing a portion of the day's lab may result in less than full participation marks for that day.

In-class Assignments: There will be eleven in-class assignments that will be assigned randomly during the course of each day except the day of the final. Your best ten assignments will be counted. If you are not present at the time of the assignment, you will forfeit those points for that day. **No** make-up assignments will be available.

Midterms: The midterms will be part written and part presentation. The written exam will cover the lecture and lab topics we went over during the specific section of the course. The presentation portion of the midterms will cover the techniques you have learned and applied to your skeleton articulation project. Midterms are **not** cumulative.

Final: The final is **cumulative** and will consist of a presentation of your articulated skeleton. The presentation will not depend on the completion of the skeleton but on the quality of work on the skeleton as well as a demonstrated understanding of the techniques used.

Grading Scale: Grades will be calculated as follows

Gra	ides will be c	alculated on 10	00-
poir	nt scale		
Α	90-100	%	
В	80-89	%	
С	70-79	%	
D	60-69	%	
F	<60	%	

Incomplete (I) grades will be given only if a student does not complete the course requirements because of illness or extenuating circumstances. Prompt communication directly with the course coordinators and/or Department of Vet Med Office is required to document any health problems or other circumstances that may prevent a student from attending class or completing the examinations or homework assignments (see below). Ranks will be assigned according to the final grade score.

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, and 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 Disabilities Services (474-5655). Everyone should have the opportunity to participate fully in the course and to complete assignments and exams to the best of their ability. If accommodations are needed to enable you to do so, we will gladly work with you to provide them.

12/05/2016 Rowised

DVM 6XX VETERINARY SCIENCE:

Skeleton Articulation SYLLABUS – Spring 2017

Department of Veterinary Medicine, University of Alaska Fairbanks

1. Course Information:

Title:

Skeleton Articulation

Number:

DVM 6XX

Credit:

Prerequisites:

Professional Veterinary Student; or Graduate Student with proof of rabies

vaccination and/or up-to-date titer

Location: Meeting time: 153 Irving 1 (Vet Med Lab) Jan 23 - May 1, M, 6-9:00pm

2. Instructor Contact Information:

Name:

Megan Hoffman, MS

Office Location:

147 Irving

Office Hours:

M 4-6pm or by appointment

Office Phone:

474-1888

Email:

mhoffman2@alaska.edu

Name:

Vaughan Seed, DVM

Office Location: 148 Irving

Office Hours:

by appointment

Office Phone:

474-1887

Email:

bvseed@alaska.edu

Name:

Eric Zucker, LVT

Office Location: 147 Irving

Office Hours:

H 8:30-10:30am or by appointment

Office Phone:

474-1888

Email:

emzucker@alaska.edu

Email is the best way to reach the instructors. You should receive a response within 48 hours.

3. Course Reading/Materials:

None required. Recommended readings include Canine Construction by Lee Post (Bone Building Books, vol. 8). Other recommended reading including journal articles, will be distributed prior to class sessions via on-line resources or during class periods.

4. Course Description:

"Skeleton Articulation" (DVM 6XX, 1 credit) focuses on skeleton assembly of various species. from birds to mammals depending on availability. The larger portion of the course will be handson articulation of actual skeletons. Students will experience the entire cleaning and preparation of cadavers, as well assembly of the skeletons. The lab will be supplemented with theory/lectures covering maceration, cleaning, boiling, whitening and degreasing bones, joint types, and biologically accurate limb/joint angles.

5. Course Goals:

Overall Course Objectives:

- Introduce students to maceration, degreasing, whitening techniques. Students will be expected to assist with all portions of these processes.
- Expose students to various articulation techniques.
- Teach basic to intermediate articulating skills necessary for independent continuation of techniques.

6. Student Learning Outcomes:

- Clean cadaver from start to finish; from defleshing the bones to maceration and bone degreasing and whitening.
- Understand different bone cleaning techniques.
- Have a thorough understanding of how the bones articulate.
- Be able to identify the main bone types and various bones of several species.
- Understand and demonstrate at least one (if not more) articulation method.
- Be able to arrange a skeleton in an anatomically accurate formation.
- Explore more functional poses for the skeleton assembly.
- Have an understanding of the types of joints and how that affects articulation.
- Completely assemble a skeleton.

7. Instructional Methods:

This course focuses largely on hands-on lab activities both in small groups and individually. It is designed to give students experience articulating skeletons of various species. It will increase students' anatomical understanding of the skeletal system.

Expected Time Commitment: Students should expect to spend 3 hours per week in lecture and/or lab. Students are expected to spend 1-3 hours per week outside of class reviewing written and lecture materials.

8. Course Calendar:

Day	Class Date	Topic Covered	Assignments Due
No			Dates and Test Dates
1	Jan 23	Intro, Safety, Bones & Joints, Cadaver Prep	In-class Assignment
2	Jan 30	Preparing Cadavers	In-class Assignment
3	Feb 6	Preparing Cadavers & Maceration	In-class Assignment
4	Feb 13	Degreasing & Midterm	Midterm
5	Feb 20	Whitening & Forelimb Articulation	In-class Assignment
6	Feb 27	Hindlimb Articulation	In-class Assignment
7	Mar 6	Limb Articulation	In-class Assignment
	Mar 13	SPRING BREAK - NO CLASS	
8	Mar 20	Trunk Articulation	In-class Assignment
9	Mar 27	Trunk Articulation	In-class Assignment
10	Apr 3	Midterm & Skull Articulation	Midterm
11	Apr 10	Skull Articulation	In-class Assignment
12	Apr 17	Articulation & Mounting	In-class Assignment
13	Apr 24	Articulation & Mounting	In-class Assignment
14	May 1	Final Presentation & Exam	Final

9. Course Policies:

Rabies Vaccination:

Because during this course, students will be handling unpreserved cadavers, it is necessary that students in the 6XX course be vaccinated for rabies. Though the possibility of infection is extremely remote, the safety of the students is paramount; therefore, no student who does not have a current rabies vaccination will be allowed to take the 600 level course.

Attendance:

Students are expected to attend all classes, as class participation is part of the grade.

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, the use of tobacco products, consumption of food, use of cell phones or wireless devices, or use of any type of communicative device. All cell phones or other such devices must be turned off 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 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/Grading:

Class Participation In-class Assignments

21% (1.5% per class) 29% (2.9% per assignment)

Midterms

20% (10% each)

Final 30%

Class Participation: It is **not** sufficient to just show up to class, you are expected to be engaged and working on your assigned skeleton. Attending but not participating will result in a 0% for the day. Missing a portion of the day's lab may result in less than full participation marks for that day.

In-class Assignments: There will be eleven in-class assignments that will be assigned randomly during the course of each day except the day of the final. Your best ten assignments will be counted. If you are not present at the time of the assignment, you will forfeit those points for that day. **No** make-up assignments will be available.

Midterms: The midterms will be part written exam and part presentation. The written exam will cover the lecture and lab topics we went over during the specific section of the course. The presentation portion of the midterms will cover the techniques you have learned and applied to your skeleton articulation project. Midterms are **not** cumulative.

Final: The final is **cumulative** and will consist of a presentation of your articulated skeleton. The presentation **will** depend on the completion of the skeleton and on the **quality** of work on the skeleton as well as a **demonstrated understanding** of the techniques used.

Grading Scale: Grades will be calculated as follows

		alculated on 10	00-
_poir	nt scale		
Α	90-100	%	
В	80-89	%	
С	70-79	%	
D	60-69	%	
F	<60	%	

Incomplete (I) grades will be given only if a student does not complete the course requirements because of illness or extenuating circumstances. Prompt communication directly with the course coordinators and/or Department of Vet Med Office is required to document any health problems or other circumstances that may prevent a student from attending class or completing the examinations or homework assignments (see below). Ranks will be assigned according to the final grade score.

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, and 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 Disabilities Services (474-5655). Everyone should have the opportunity to participate fully in the course and to complete assignments and exams to the best of their ability. If accommodations are needed to enable you to do so, we will gladly work with you to provide them.