Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500). See <a href="http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/">http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/</a> for a complete description of the rules governing curriculum & course changes.

	7	RIAL COURSE	OR NEW COURSE	E PROPOSAL	
SUBMITTED B	Y:				
Department	Veterinary M	edicine	College/School		CNSM
Prepared by	Megan Hoffm		Phone	474	4-1888
Email Contact	mhoffman2@a	alaska.edu	Faculty Contact	Arleigh Reynolds, a	
1. ACTION D	ESIRED CHECK ONE):	Trial Cour	se	New Course X	
2. COURSE Dept D		VM Course #	495 No. of Credits	fermanent number is sought.	
Justify upportion division standard of a	tus & acredits: j	issembly. It wi oint types, and	II include theory/led biologically accur of the course will be	hniques for skeleton ctures covering bone ate limb/joint angles. e hands-on articulatio	The
3. PROPOSE TITLE:	D COURSE		Skeleton Arti	culation	
	OSS LISTED? YES/NO	NO	If yes, Dept:	Course #	
	ss-listing require orm for additiona			d deans involved. Add	lines at
5. To be STA	CKED? YES/NO	Yes	If yes, Vet Med Dept.	Course # 695 ×	number is
from eac	ne two course I h other? How v at the appropr	vill each be a	eterinary students w	vill be responsible for n of skeletons (mascera n)	sought.
Stacked cours Committee an syllabi—under what are supp two versions a being offered) undertaxed? taking the cou- see URL at to	se applications and by the Graduate and graduate and goosed to be two are sufficiently do; 2) are undergrand this context, the tree. Typically, if p of this page.	are reviewed by ate Academic as raduate version different course ifferent (i.e. is the aduates being che committees either committees	the (Undergraduate and Advising Committed Section 1) the pemphases. The committees where undergraduate overtaxed?; 3) are grare looking out for the has qualms, they		es of er the tent
6. FREQUEN OFFERING:	CYOF	Maymeste			Dean's Office
		Fall, Spring Odd-nu	, Summer (Every, or mbered Years) — or	Even-numbered Years As Demand Warrants	of Natural Science & Mathematic

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

Special Topics Maymester 2016 May 9-2016 530pm M-F – Yearly thereafter

e approved by the Cou COURSE FORMAT: (check all that apply)	1	X	-	3	4	5		6 weeks to full semester
OTHER FORMAT (specify)	MAY-	MAY-MESTER semester						
Mode of delivery (specify lecture, field trips, labs, etc)  Labs with some lecture included								
. CONTACT HOURS PER	WEEK:	2	LECTURE		LAB	s /week	0	PRACTICUM hours /week
	1-3 h	rs per v	mber of cre		lectui	re materia	ls ar	nd studying
ype) <u>COMPLETE</u> CATALOG  distribution, cross-lis	G DESC	RIPTIO	veek on re	view of	numb	er, title, c	redi	ts, credit
ype)  COMPLETE CATALOG  distribution, cross-lis  ample of a complete de  H F487 W, O Fishe  3 CreditsOffered Spr	G DESC stings a escription eries Ma	RIPTIO nd/or s on: anagem	week on re N includin tacking (5	view of g dept., 0 words	numb or les	er, title, o	redi: ible)	ts, credit :
ype) <u>COMPLETE</u> CATALOG  distribution, cross-lise  ample of a <u>complete</u> des  SH F487 W, O Fishe	G DESC stings a escription eries Ma ing of fished of fresh GL F11	RIPTIO nd/or s on: anagem ries ma water a	N includin tacking (5 nent nagement and marine	yiew of g dept., 0 words , with are e fisherie or ENGL	numb or les n emp es. Pr F213	er, title, on the series of possion of the series on the series on the series of the s	ereditible)	ts, credit : regies utilized OMM F131X
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	anities	S = Social Sciences	]		
Will this cou	rse be used to	fulfill a requirement YES	S:	NO:	X
		If YES, attach form.			
		equirements it could be used to fulfill:			
O = Oral	Intensive, Format 6	W = Writing Intensive, Format 7	= Baccal	aureate Core	
		o northern, arctic or circumpolar stud be added in the printed Catalog, and f			or
SHOWHAKE	YES	NO x	aggeu n	Dann	GI.
	epeatable for condicate why the example, the conditions are the condit	ne course can be ourse follows a			
If the course of	can be repeate	ourse be repeated for credit?  d for credit, what is the maximum numbers of fact this course?	er of		MES
creat nours tr	nat may be ear	ned for this course?		CR	EDIT
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Has the course been offered as spe previously? Yes/No	cial topics or trial course	Yes
If yes, give semester, year, course #, etc.:	Spring 2016	

#### 18. ESTIMATED IMPACT

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

Professional Program approved by BOR, Chancellor and Provost –No additional impact on budget, space or faculty. Veterinary staff will be leading this course, part of their job is articulation of skeletons.

#### 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	Х	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)

Vet Med at UAF

#### 21. POSITIVE AND NEGATIVE IMPACTS

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

Biology & Wildlife, SNRE, Art, or other students may request admission to course for training or professional development. This course should help DVM (and other) students further understand the anatomy of the skeletal system.

#### 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.

Much interest has been expressed by veterinary and pre-veterinary students for a skeleton articulation course that would add to their understanding of animal anatomy, vital for good veterinary care. We would like to open it up to other students as well, if the interest is there.

/ 1/1////	and the second s	Date	12/17/15
Signature, Chair, Program/Department of:	Veterinary Me	The state of the s	000
JAC -	and the second s	Date	2-9-16
Signature, Chair, College/Sehool Curri for:	iculum Counc	ISM	
Maulle Jay		Date	\$19/16
Signature, Dean, College/School of:	CNSM		
Signature of Provost (if above level of	approved program	ms)	•
Signature Chair		Date	
	Curriculum Re		
Signature, Chair Faculty Senate Review Committee: _ Core Review			3
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Faculty Senate Review Committee:Core Review	SADAC	viewGAA	
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Faculty Senate Review Committee:Core Review  DDITIONAL SIGNATURES: (As need)  Signature, Chair,	SADAC	viewGAA	
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Faculty Senate Review Committee:Core Review  DDITIONAL SIGNATURES: (As need)  Signature, Chair,  Program/Department of:  Signature, Chair, College/School Curr	SADAC	ing and/or staci	

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.
<ul> <li>3. Course readings/materials:</li> <li>□ Course textbook title, □ author, □ edition/publisher.</li> <li>□ Supplementary readings (indicate whether □ required or □ recommended) and</li> <li>□ any supplies required.</li> </ul>
4. Course description:
<ul> <li>□ Content of the course and how it fits into the broader curriculum;</li> <li>□ Expected proficiencies required to undertake the course, if applicable.</li> <li>□ Inclusion of catalog description is <i>strongly</i> recommended, and</li> <li>□ Description in syllabus must be consistent with catalog course description.</li> </ul>
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": <a href="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 Grading-Policy-UPDATED-May-2013.pdf</a>
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. <a href="http://www.uaf.edu/disability/">http://www.uaf.edu/disability/</a> 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. <a href="http://www.uaf.edu/disability/">State that you will work with the Office of Disabilities Services (208 WHITAKER BLDG, 474-5655) to provide reasonable accommodation to students with disabilities.</a>

5/21/2013

# **DVM 495 VETERINARY SCIENCE:**

# **Skeleton Articulation** SYLLABUS - Maymester

# Department of Veterinary Medicine, University of Alaska Fairbanks

1. Course Information:

Title:

Skeleton Articulation

Number:

DVM 495

Credit:

\_\_lcredit -2\_\_\_

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:

May 9-20, MTWHF, 1-5:00pm

2. Instructor Contact Information:

Name:

Megan Hoffman, MS

Office Location:

147 Irving

Office Hours:

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

Office Phone:

474-1888

Email:

mhoffman2@alaska.edu

Name:

Eric Zucker

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.

#### 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 495, 1 credit) focuses on skeleton assembly of various species. The larger portion of the course will be hands-on articulation of actual skeletons. The lab will be supplemented with theory/lectures covering bones, joint types, and biologically accurate limb/joint angles.

#### 5. Course Goals:

Overall Course Objectives:

Introduce students to maceration, degreasing, whitening techniques (lecture & demo).

- 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 22 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		1	Dates and Test
			Dates
1	M, May 9	Intro, Safety, Bones & Joints, Skeletal Layout	In-class Assignment
2	T, May 10	Forelimb Articulation	In-class Assignment
3	W, May 11	Forelimb Articulation	In-class Assignment
4	H, May 12	Hindlimb Articulation	In-class Assignment
5	F, May 13	Hindlimb Articulation	Midterm Quiz
6	M, May 16	Trunk Articulation	In-class Assignment
7	T, May 17	Trunk Articulation	In-class Assignment
8	W, May 18	Skull Articulation	In-class Assignment
9	H, May 19	Articulation & Mounting	In-class Assignment
10	F, May 20	Final Presentation & Exam	Final Exam

#### 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 20% (2% per class)

In-class Assignments 30% (3.75% per assignment)

Midterm Quiz 10% Final Exam 40%

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 nine in-class assignments that will be assigned randomly during the course of each day except the day of the final. Your best eight 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.

**Midterm Quiz**: The midterm quiz will be a written exam and will cover the lecture and lab topics we went over during the first week.

**Final Exam**: The final exam is **cumulative** and will consist of a written portion and presentation of the articulated skeleton. The presentation portion 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

Grades will be calculated on 100- point 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 (<a href="http://www.uaf.edu/sssp/">http://www.uaf.edu/sssp/</a>) 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 (474-7043). 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.

# **DVM 695 VETERINARY SCIENCE:**

# Skeleton Articulation SYLLABUS – Maymester

# Department of Veterinary Medicine, University of Alaska Fairbanks

1. Course Information:

Title:

**Skeleton Articulation** 

Number:

**DVM** 695

Credit:

2

Prerequisites:

Meeting time:

Good Standing in Professional Veterinary Program

Icredit

Location:

153 Irving 1 (Vet Med Lab) May 9-20, MTWHF, 1-5:00pm

2. Instructor Contact Information:

Name:

Megan Hoffman, MS

Office Location:

147 Irving

Office Hours:

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

Office Phone:

474-1888

Email:

mhoffman2@alaska.edu

Name:

Eric Zucker

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.

#### 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 695, 1 credit) focuses on skeleton assembly of various species. The larger portion of the course will be hands-on articulation of actual skeletons. The lab will be supplemented with theory/lectures covering bones, joint types, and biologically accurate limb/joint angles.

#### 5. Course Goals:

Overall Course Objectives:

• Introduce students to maceration, degreasing, whitening techniques (lecture & demo). Veterinary students will be expected to assist with portions of these processes.

- 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.
- 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 22 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.

#### Course Calendar:

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Day	Class Date	Topic Covered	Assignments Due
No			Dates and Test
			Dates
1	M, May 9	Intro, Safety, Bones & Joints, Skeletal Layout	In-class Assignment
2	T, May 10	Forelimb Articulation & Preparing Cadavers	In-class Assignment
3	W, May 11	Forelimb Articulation & Preparing Cadavers	In-class Assignment
4	H, May 12	Hindlimb Articulation & Preparing Cadavers	In-class Assignment
5	F, May 13	Hindlimb Articulation & Maceration	Midterm Quiz
6	M, May 16	Trunk Articulation & Bone Whitening	In-class Assignment
7	T, May 17	Trunk Articulation	In-class Assignment
8	W, May 18	Skull Articulation	In-class Assignment
9	H, <b>M</b> ay 19	Articulation & Mounting	In-class Assignment
10	F, May 20	Final Presentation & Exam	Final Exam

#### 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:

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**Final Exam**: The final exam is **cumulative** and will consist of a written portion and presentation of the articulated skeleton. The presentation portion will not only 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	Grades will be calculated on 100-					
point 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 (<a href="http://www.uaf.edu/sssp/">http://www.uaf.edu/sssp/</a>) 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 (474-7043). 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.