

**McLennan**  
C O M M U N I T Y  
**COLLEGE**

WACO, TEXAS

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**COURSE SYLLABUS**

**AND**

**INSTRUCTOR PLAN**

**Large Animal Assisting Techniques**

**VTHTL 2325.76**

**Sue Allen, LVT**

**NOTE: This is a 16-week course.**

**NOTE: This is a Blended/Hybrid course.**

**COVID 19 Notice:**

McLennan Community College is committed to providing you with every resource you need to reach your academic goals. We are also concerned for your safety. We are working through COVID-19 guidelines to make sure we offer a safe environment for you and our faculty. This will include smaller class sizes to manage social distancing and proper cleaning techniques. You will have the advantage of a physical classroom experience but may also need to work part of the time online as we adjust to limited classroom capacity. This will also allow us the flexibility to move online if so directed by federal, state and/or local COVID 19 guidelines. Faculty and staff are preparing now to ensure that you have the best experience in the midst of these uncertain times.

# LARGE ANIMAL ASSISTING TECHNIQUES

VTHTL 2325.76

## **Course Description:**

Study of basic restraint and proper management, treatment, and medication techniques for farm animals

## **Prerequisites and/or Corequisites:**

Prerequisite: VTHT 1249, or VTHT 1341, or VTHT 1313. Semester Hours 3 (2 lec/5 lab)

## **Course Notes and Instructor Recommendations:**

Students are expected to arrive to class (lecture or lab), prepared regarding assigned material, whether it be lecture or lab that is scheduled for that day. Students need potentially plan on spending 2-3 hours of study time for every hour spent in lecture.

Students are also expected to be dressed appropriately for lecture and lab. Be aware of the weather prior to attending lab in order to help ensure you are prepared for weather-or any changes in the weather that may occur during lab time.

## **Instructor Information:**

Instructor Name: Sue Allen LVT

MCC E-mail: suallen@mclennan.edu

Office Phone Number: (254) 299-8742

Office Location: Highlander Ranch, Veterinary Technology Program, Room 127

Office/Teacher Conference Hours: Monday: 2:00-3:30 p.m., Wednesday 2:30-4:00 p.m., or by appointment. Friday is by appointment only.

Other Instruction Information: Other Instruction Information: Cell phone: (254) 495-2673. I will respond to voicemails or text messages as I am able. PLEASE remember to identify yourself when contacting me (first and last name please). I ask that you reserve contacting me before 9:00 p.m., unless there is an emergency, or after 7:00 a.m. . **My cell phone contact is for urgent matters only please. For non-urgent needs, please contact me via your MCC email or my office phone.**

## **Required Text & Materials:**

Title: Large Animal Clinical Procedures for Veterinary Technicians

Author: Kristin Holtgrew-Bohling, DVM

Edition: Fourth

Publisher: Elsevier Mosby, <http://evolve.elsevier.com>

ISBN: 978-0-323-56904-0

## **Recommended:**

Title: McCurnin's Clinical Textbook for Veterinary Technicians

# LARGE ANIMAL ASSISTING TECHNIQUES

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Author: Joanna M. Bassert/John A. Thomas

Edition: Ninth

Publisher: Elsevier

ISBN: 978-0-323-39461-1

Computer Access to:

Large Animal Breed Website: [www.ansi.okstate.edu/breeds/](http://www.ansi.okstate.edu/breeds/)

**MCC Bookstore Website:** <http://www.mclennan.edu/bookstore/>

## **Methods of Teaching and Learning:**

This course is a combination of lecture, labs-both hands on and in video format, assignments, quizzes, and exams.

Completion of ALL the Essential Skills associated with this course is required by the AVMA/CVTEA for all program veterinary technician students, and as part of eligibility to graduate.

Essential Skills for this course may be accessed at: [www.vettech.thesalthouse.com](http://www.vettech.thesalthouse.com)

## **Course Objectives and/or Competencies:**

Students will be expected to demonstrate an understanding of proper restraint techniques as they pertain to each individual species covered in this course. Students will also be expected to demonstrate correct procedures regarding handling, physical exams, specimen collections, treatment, medication techniques, surgical prep/assisting techniques of each species, as well as the various documents/certificates required with testing and movement of such animals.

The veterinary technology students will be required to complete the all the tasks included on the CVTEA list of Essential Skills for this course. This may be either in hands on demonstration, or by written format of understanding, such as through worksheets or exams.

## **Course Outline or Schedule:**

**Note:** Course outline or schedule (lecture or lab) may be subject to change. Students will be notified under “Announcements” in Brightspace, and/or your student email. It is strongly advised you check both regularly.

**Class meets:**

**Lecture Monday 9:00-9:50 a.m.**

**Tuesday 11:00-11:55 a.m.**

**Labs**

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**Section .75 Tuesday 12:00-4:50 p.m. Veterinary Assistant students only**

**Section .76 Thursday 12:00-4:50 p.m. Veterinary Technician students only**

## **Lecture Outline**

### **Week 1, Jan. 11**

Chapter 1, The Importance of Livestock, pg.1

### **Week 2, Jan. 18**

**NOTE: NO school, Monday, January 18 in observance of MLK Day**

Finish Chapter 1 if needed

Chapters 2, Livestock Safety and Handling, pg. 17

Chapter 3, Livestock Reproduction, pg. 71

### **Week 3, Jan. 25**

Chapter 4, Livestock Nutrition, pg. 108

Chapter 5, Daily Hospital Responsibilities, pg. 129

### **Week 4, Feb. 1**

#### **EXAM #1-Chapters 1-3**

Chapter 6, Admissions, Medical Records and Physical Examination, pg. 144

Chapter 8, Equine Husbandry, 216

### **Week 5, Feb. 8**

Chapter 8, Equine Husbandry, pg.216, continued

Chapter 9, Equine Clinical Procedures, pg. 252

Chapter 10, Equine Surgical Procedures, 346

### **Week 6, Feb. 15**

#### **EXAM #2, Chapters 4-6**

Finish Chapter 10 if needed

Chapter 11, Common Equine Diseases, pg. 371

### **Week 7, Feb. 22**

Chapter 12, Bovine Husbandry, pg. 412

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Chapter 13, Bovine Clinical Procedures, pg. 433

## **Week 8, Mar. 1**

### **EXAM #3, Chapters 8-11**

Chapter 14, Bovine Surgical Procedures, pg. 457

Begin Chapter 15, Common Bovine Diseases, pg. 474

## ***SPRING BREAK-March 8-12***

## **Week 9, Mar. 15**

Chapters 16, Ovine & Caprine Husbandry, pg. 516

Chapter 17, Ovine and Caprine Clinical Procedures, pg. 537

Chapter 18, Ovine and Caprine Surgical Procedures, pg. 544

## **Week 10, Mar. 22**

### **EXAM #4, Chapters 12-15**

Chapter 19, Common Ovine and Caprine Diseases, pg. 552

Chapter 20, Camelid Husbandry, pg. 573

## **Week 11, Mar. 29**

Chapter 21, Camelid Clinical Procedures, pg. 585

Chapter 22, Camelid Surgical Procedures, pg. 594

Chapter 23, Common Camelid Diseases, pg. 600

**\*\*CDE CONTEST WEDNESDAY, APRIL 7th\*\* (TENTATIVE)**

## **Week 12, Apr. 5**

### **EXAM #5, Chapters 16-19**

Chapter 24, Porcine Husbandry, pg. 604

Chapter 25, Porcine Clinical Procedures, pg. 619

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Chapter 26, Porcine Surgical Procedures, pg. 631

## **Week 13, Apr. 12**

Chapter 27, Common Porcine Diseases, pg. 640

## **Week 14, Apr. 19**

### **EXAM #6, Chapters 20-27**

Chapter 28, Poultry Husbandry, pg. 656

Chapter 29, Poultry Clinical Procedures, pg. 669

Chapter 30, Poultry Surgical Procedures, pg. 675

Chapter 31, Common Poultry Diseases, pg. 676

## **Week 15-Apr. 26 (Finals Prep Week)**

### **EXAM #7, Chapters 28-31**

Review for Finals as needed

## **Week 16-May 3-Final Exams Week**

### **Lab Outline**

**NOTE: Some lecture may occur during LAB time**

## **Week 1, Jan. 11**

Discussion/review of what to expect in lab for the semester

Knot tying, Large Animal Equipment/Instruments, Squeeze chute/Housekeeping for Large Animal area/large animals

## **Week 2, Jan. 18**

Continuance of Week 2 lecture topics in both labs

## **Week 3, Jan. 25**

Videos on PE's on equines, restraint and handling techniques

Videos on caprine/ovine restraint and hoof trimming

## **Week 4, Feb. 1**

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Vet Tech goats/sheep-PE's, fecals, hoof trimming, treat for parasites as needed

Chapter 9 Equine Necropsy Procedure and Aborted Fetuses, pgs. 340-344, Chapter 13, Bovine Necropsy Procedures and Aborted Fetuses, pgs. 455-456, collection of, and specimen submission in necropsy.

## **Week 5, Feb. 8**

**Finish Week 5 lecture in labs-Chapter 9, Equine Clinical Procedures will be covered during lab time.**

## **Week 6, Feb. 15**

Restraint Techniques, Injection techniques, bandaging techniques in equines (MCC Vet Tech Equines and the Equine head/neck model will be used)

## **Week 7, Feb. 22**

Vaccinate MCC goats/sheep, retreat for parasites as needed, hoof care as needed

Large animal parturition and dystocia videos

Large animal breed identification, knot tying, large animal instrument identification

## **Week 8, Mar. 1**

Tuesday lab-PE's, vaccinate, fecals, Coggins on MCC Vet Tech equines

Thursday lab-PE's, vaccinate, Coggins on Highlander Ranch equine (TBD)

## ***SPRING BREAK-March 8-12***

## **Week 9, Mar. 15**

TBD-Tentative Cattle working lab

## **Week 10, Mar. 22**

Animal Welfare Issues (materials to be provided), One Health Initiative

Various forms in large animal practice-Large Animal Health Certificates, Coggins, TVMDL Lab Submission Forms

## **Week 11, Mar. 29**

TBA

## **Week 12, Apr. 5**

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**\*\*CDE CONTEST WEDNESDAY, APRIL 7th\*\*** (TENTATIVE)

**ALL STUDENTS WILL BE EXPECTED TO PARTICIPATE**

## **Week 13, Apr. 12**

MCC Cattle-PE's, fecals, vaccinate (prn) etc.

Demonstration of California Mastitis Test (group task)

## **Week 14, Apr. 19**

TBA

## **Week 15, Apr. 26**

Finals Prep Week

## **Week 16, May 3**

FINALS week

## **Course Grading Information:**

Lecture exams are noted below. Students are expected to arrive prepared for both lecture and lab. Individual participation in labs and class will also be noted.

Exams: (7) @ 100 points each=700 points

Worksheets: (15) @ 20 points each=300 points

**Veterinary Assistant Students:** Texas Animal Health Commission Reportable Disease Presentation: 100 points (Instructor will provide info/details in class)

**Veterinary Technician Students:** Report on Antimicrobial Resistance in Large Animals Presentation: 100 points (Instructor will provide info/details in class)

Large Animal Duty and Lab Participation Grade: 100 points

Large Animal Duty: includes feeding goats, checking all program horses and goats (visual check), water troughs, ensuring hay is available/on pallets for feeding, cleaning stalls/pens/large animal working area as needed or as assigned.



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Lab Participation: will be based on being on time for class, being prepared for class/tasks assigned, working cooperatively, and ensuring all tasks, including cleaning at the end of all labs is done according to your instructors.

Final Lecture Exam: 200 points

Lab Final Exam: 100 points

**NOTE**: It is mandatory that all students take both the lecture and lab final exams.

## **Total Points= 1500 points**

A= 1500-1350

B= 1349-1200

C= 1199-1125 (75% or above is required for veterinary technician students to pass this course)

C= 1199-1050 (70% or above is required for veterinary assistant students to pass this course)

D=1049-900

F= 899 and below

**NOTE**: As per MCC Veterinary Technology policy, second year veterinary technology students must pass this course with a minimum of 1125 points or higher to pass this course. (A grade equivalent of a "C" or **75%** as indicated in the Student Handbook for 2<sup>nd</sup> year Vet Tech students)

Veterinary Assistants must make a minimum of 1050 points (A grade of "C" or **70%** as indicated in the Student Handbook for 1<sup>st</sup> year Vet Techs and Vet Assistant students)

**Cheating will not be tolerated in this course.** This includes copying answers from another student's paper, turning in work that is not your own or copying anything from another source without appropriate credit given to the original author. **If suspected, a grade of "0" will be given on the first occurrence and the second occurrence will lead to an "F" in the course and permanent dismissal from the program.**

## **Late Work, Attendance, and Make Up Work Policies:**

Students are expected to be prompt and to attend both lectures and labs.

Worksheets will be assigned approximately once a week.

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Exams will be given approximately every 2 weeks during this semester.

The final lecture and lab exam will occur in Weeks 15 or 16/at the end of the semester.

All the exams will cover the information since the last exam unless otherwise informed. The final exam will be comprehensive over the entire course.

ANY missed exams are only allowed to be made up at the discretion of the Instructor, or if the student misses for one of the following reasons:

**MISSED EXAM: As stated in the Student attendance policy: Students will be permitted to make up class work and assignments missed due to absences caused by (1) authorized participation in official College functions, (2) personal illness, (3) an illness or a death in the immediate family or (4) the observance of a religious holy day. Also, the instructor has the prerogative of determining whether a student may make up work missed due to absences for other reasons. It is the student's responsibility to inform the instructor of the reason for an absence and to do so in a timely fashion. If the student misses an exam, he/she will be allowed to make up the missed exam ONLY IF the absence is caused by one of the 4 causes listed above. Personal illnesses will require a doctor's note before you can make up any missed exams or work.**

**This course MUST be passed with a "C" or better as part of eligibility to graduate.**

## **Student Behavioral Expectations or Conduct Policy:**

- Students will be *ON TIME* and attend all lectures, arrive prepared for class-having read/studied the assigned the material
- Exams will be as scheduled (unless otherwise announced in Brightspace under course "Announcements"). Failure to complete the exam by the due date will result in a zero (0) for that exam, unless the absence is considered excused, as defined by MCC's policy.
- There will be NO retakes of failed exams
- All worksheet assignments are due when noted. Failure to complete assignments by the due date will result in a loss of a minimum of (5) points for that assignment. A grade of (0) will be assigned for failure to complete an assignment at all.
- Turn off/silence all cell phones and pagers while in the classroom-you are here to LEARN, not visit on your phone during class time. If you have a special need to be available for medical calls, sick family member, etc., you need to make prior arrangements for approval to answer it during class. You will leave the room to do so.
- Students are to use the restroom/tend to personal needs before or after class. Leaving the class during class time (lecture) is disrespectful and disruptive to both the instructor and fellow students. IF you must leave the room, you will do so quietly, exiting around the back of the room and entering as you left.

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- Limited food/drink will be allowed in lecture. It will not be allowed in lab unless the instructor allows for it. No food or drink are allowed in Rooms 119 or 107 during labs.

**Lecture Attire**-scrub top, jeans with no holes, stains, tears, etc. or scrubs are allowed. Closed toed shoes are to be worn to all classes. Only one piercing per ear lobe is allowed while in class-no other piercings (with jewelry) during class. Earrings must be designed to be worn “close” to the ear. No large hoops, etc. as they can present a hazard when working around large animals or large animal equipment.

**Lab Attire**-jeans or scrubs, (as noted above), proper shoes-**NO** open toes/sandals will be allowed. Boots or similar footwear is recommended. Steel toed shoes or boots are not recommended. Tennis shoes or any “soft” shoe is not ideal when working on or around large animals.

You **MUST** wear a scrub top. Coveralls are optional. Rubber boots may be desired as well.

**NO** loose clothing (scarfs, etc.) or jewelry (long necklaces, bracelets, earrings that hang down) should be worn as this may pose a safety risk given the animals and/or equipment involved. Only one earring is allowed in each ear lobe-NO other piercings with jewelry are allowed.

Large animal work generally involves being outside regardless of the weather. **You are expected to be dressed appropriately for the conditions-forgetting a coat, etc. will not excuse you from lab.** If you are not in compliance with the required dress, you will be marked absent for that day from lab but will not be excused.

Field trips-attire to be determined by instructor PRN, when and if field trips take place.

## **MCC Veterinary Technology/Assistant Dress Code:**

You must wear closed-toe non-slip shoes at all times for lecture and/or lab. Students may wear the following to;

Lecture Dress Code:

- Jeans (clean with no holes) scrub pants, or casual dress slacks
- Scrub top, Polo shirt, button down shirt or blouse

Lab Dress Code:

- Closed toed, non-slip shoes
- Scrub top and jeans or a full scrub set

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The following dress is prohibited:

- Open toed shoes, slippers/house shoes, leggings, shorts, capri pants, short skirts or kilts
- Tank tops/spaghetti strap tops
- No clothing with inappropriate messages or symbols (that may be considered rude or offensive) will be allowed.

**\*\*\*Students are expected to show up to class in the required dress. Failure to do so will result in the student being marked as absent for that class.**

This course is taught on the basis of mutual respect. I respect your desire to learn the material and will do my best to present it in a way to facilitate learning. You need to respect the classroom environment, your fellow students, and the instructor.

## The Veterinary Technician's Oath

"I solemnly dedicate myself to aiding animals and society by providing excellent care and services for animals, by alleviating animal suffering, and promoting public health. I accept my obligations to practice my profession conscientiously and with sensitivity, adhering to the profession's Code of Ethics, and furthering my knowledge and competence through a commitment to lifelong learning."

\* [Click Here for the MCC Academic Integrity Statement](http://www.mclennan.edu/academic-integrity)

([www.mclennan.edu/academic-integrity](http://www.mclennan.edu/academic-integrity))

The link above will provide you with information about academic integrity, dishonesty, and cheating.

\* [Click Here for the MCC Attendance/Absences Policy](https://www.mclennan.edu/highlander-guide/policies.html)

(<https://www.mclennan.edu/highlander-guide/policies.html>)

Click on the link above for the college policies on attendance and absences. Your instructor may have additional guidelines specific to this course.

\* *You will need to access each link separately through your Web browser (for example: Mozilla Firefox, Chrome, Microsoft Edge or Safari) to print each link's information.*

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# McLennan

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## ACADEMIC RESOURCES/POLICIES

### **Student Support/Resources:**

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact a success coach by calling (254) 299-8226. Students can visit the Completion Center Monday-Friday from 8 a.m.-5 p.m. to schedule a meeting with a success coach and receive additional resources and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff based on household size. Text (254) 870-7573 to schedule a pantry appointment. The Completion Center and pantry are located on the Second Floor of the Student Services Center (SSC).

### **MCC Foundation Emergency Grant Fund:**

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to <https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html> to find out more about the emergency grant. The application can be found at [https://www.mclennan.edu/foundation/docs/Emergency\\_Grant\\_Application.pdf](https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf).

### **Minimum Technical Skills:**

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

### **Backup Plan for Technology:**

In the event MCC's technology systems are down, you will be contacted/notified through your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

\* [Click Here for the Minimum System Requirements to Utilize MCC's D2L|Brightspace](https://www.mclennan.edu/center-for-teaching-and-learning/Faculty%20and%20Staff%20Commons/requirements.html)  
(<https://www.mclennan.edu/center-for-teaching-and-learning/Faculty%20and%20Staff%20Commons/requirements.html>)

Click on the link above for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

**Email Policy:**

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are expected to read and, if needed, respond in a timely manner to college emails.

**Instructional Uses of Email:**

Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with her/his students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

**Email on Mobile Devices:**

The College recommends that you set up your mobile device to receive McLennan emails.

**Forwarding Emails:**

You may forward the emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may become lost or placed in junk or spam filters.

**Accommodations/ADA Statement**

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. Instructors should not provide accommodations unless approved by the Accommodations Coordinator. For additional information, please visit [mclennan.edu/disability](http://mclennan.edu/disability).

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

[disabilities@mclennan.edu](mailto:disabilities@mclennan.edu)

254-299-8122

Room 319, Student Services Center

\* [Click Here for more information about Title IX](http://www.mclennan.edu/titleix)  
([www.mclennan.edu/titleix](http://www.mclennan.edu/titleix))

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the Title IX Coordinator at

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[titleix@mclennan.edu](mailto:titleix@mclennan.edu) or by calling Dr. Drew Canham (Chief of Staff for Equity & Inclusion/Title IX) at 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC by calling 299-8210. The MCC Student Counseling Center is a confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting the following website: <http://www.lighthouse-services.com/mclennan/>.

McLennan's Title IX webpage (<http://www.mclennan.edu/titleix/>) contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

\* *You will need to access each link separately through your web browser (for example Mozilla Firefox, Chrome, Microsoft Edge, or Safari) to print each link's information.*