

# Animal Science and Zoo Management

## Eaton RESA Career Preparation Center

### 2020-2021

Instructor: Mrs. Rebecca Morningstar  
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Eaton RESA CPC Attendance Office: (517) 483-9966  
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Course Dates: August 24, 2020 – June 8, 2021 (tentative)  
CPC Calendar available in the Eaton RESA Student/Parent Handbook

### **Support Staff**

*Student Services Coordinator:* Marcee Theisen

- Assist students with planning for post-secondary experiences (college, work, etc)
- Professional Portfolios and Career Preparation
- Liaison between LCC, ERESA, and Zoo

### **Course Description**

During this course, students will explore principles and skills within the fields of animal science and zoo management. Major focuses for the course will include animal safety, careers in animal science, animals in agriculture, anatomy and physiology, veterinary medicine, and zoo history/management, conservation, and animal behavior. Career exploration will cover many different areas of animal science, including animal health, research, agriculture, education, government, law enforcement, and entrepreneurship, among others. Students will be expected to learn hands on skills with a variety of animals and equipment, as well as develop career and employability skills such as resume building, professional portfolio assembly, and professional interviewing.

### **Career and Technical Student Organization**

FFA

- All students will be members of FFA for the duration of the course.
- Dues will be paid by Eaton RESA
- Students will have the opportunity to participate in regional and state contests

## Materials

There is no textbook for this course. Students will need the following:

- Composition books (two required)
- Three ring binder/folder for storing notes/handouts
- Watch/Time keeping device
- Jeans and closed-toe shoes for keeper shadowing
- PPZ T-shirt (Will be ordered in class)

If getting any of the above materials will be a hardship, please let the instructor know so that alternate arrangements can be made.

## Grades

Grades will be broken down as follows:

- 10% Career and Employability Skills
- 15% Daily Work
- 25% Homework
- 25% Projects
- 25% Tests/Quizzes

These category weights may vary slightly depending on the distribution of points in each category for a term (ie- if we do not have a test, test percentages will move to other categories). Limited extra credit opportunities will be available throughout the year. However, final term grades cannot exceed 100%. There will be regular quizzes over course material. Other projects and assignments will include research essays, in-class presentations, building a model enclosure, conducting independent or group research projects, participating in husbandry of classroom animals, and regular job shadows with the zookeepers.

For grading scales and percentages, see the CPC Parent/Student Handbook. Previous students have been able to meet with academic advisors at their colleges/universities and get introductory college classes waived as a result of their participation in this course. However, there is no guarantee that this will be the case and no formal LCC credit available for this class.

There will be cumulative exams at the ends of terms three and six. It is recommended that students take a few minutes each week to look over the notes from previous units.

Due Dates and Late Policy: Assignments are due at the beginning of class unless stated otherwise. Late assignments can be turned in until the end of the six-week term in which they are due for up to 75% credit. Be aware that most college professors will not accept late work.

Attendance Policy: Students are expected to attend class every day *as long as they are healthy!* If a student is showing any symptoms that may be indicative of an infection with COVID-19 they **MUST NOT** come to class. Each student will be required to do a health screening before coming to class each day that will provide feedback on whether attendance is expected/allowed that day. If the health screening indicates that a student should not attend, please make sure to contact Mrs. Morningstar to let her know and to discuss when the student is able to return to class.

## Certifications and Work-Based Learning Opportunities

- Red Cross First Aid and CPR certification
- Pet Emergency Education Pet First Aid and CPR certification
- Multiple subject-specific certifications through San Diego Zoo Global Academy
- Field Trips
- Others to be determined

## Course Outline (Tentative Unit Schedule)

Semester One: (State Curriculum Segments 1,2,3,4,6,8,9)

- Safety
- Animal Husbandry and Training
- Agriculture and Animal Systems
- Companion Animals
- Medical Terminology
- Anatomy and Physiology

Semester Two: (State Curriculum Segments 5,7,10,11,12)

- Veterinary Medicine
- Zoos/Zoo History
- Conservation
- Education
- Animal Behavior
- Management/Welfare

## Other

### *TB Test:*

In order to work with or around animals **every student must get a Tuberculosis (TB) skin test.** This can be done by your primary care physician or at most walk-in clinics. PLEASE NOTE: you will need to return to the clinic within 48 hours of having the test administered to get the results. When you get your test read, you will be given a card/piece of paper with the result. A copy of your result must be kept on file at Potter Park Zoo. We will discuss this more in class.

### *Bussing/Transportation:*

Transportation from LCC West Campus to the zoo and back to LCC after class is provided every day. My expectation is that you will be ready for class at the official class start time. If you need to leave early for any reason, you will need to drive yourself or be picked up by a parent and will need prior approval from the attendance office or a note from a parent/guardian. If this is the case, please speak to me before class. If your school starts late or releases early on specific dates, you will need to arrange transportation to or from your school, as busses to and from LCC will be running at the normal time.

Note: This syllabus is tentative and subject to change throughout the course of the year. Students will be notified by the instructor of any significant changes to the material presented here.