



Program Description

2012-13

*Inspiring the Next Generation
of Equine Industry Leaders*

The Equine Academy

Inspiring the Next Generation of Equine Industry Leaders

As one of Central Kentucky's premier secondary educational institutions, located in the Horse Capital of the World, we are proud to announce the Equine Academy at Lexington Catholic High School beginning in the fall of 2012.

By combining our rich tradition as a first-class, faith-based educational institution with an incomparable location in the Bluegrass Region of Kentucky, the Equine Academy offers an exclusive blend of educational, practical and extracurricular opportunities for students with a life-long passion for the horse, as well as those being introduced to the equine world. It is designed for students with interests in all aspects of the horse industry.

By providing individualized experiences to meet each student's unique interests and future aspirations, the Equine Academy will also engage students in a variety of activities designed to deepen their appreciation and understanding of the diverse aspects of the equine industry.

The Equine Academy's primary academic component will be a four-year equine related course curriculum. Additional off-campus college-level courses, mentorships and research programs will be offered through our partnerships with the [UK College of Agriculture's Equine Initiative](#) and [Midway College's Equine Program](#).

Students will also experience an extracurricular program which will offer internships, events, seminars, field trips, job shadowing, service projects and special events coordinated through our partnerships with [Georgetown College's Equine Scholars Program](#) and [Alltech](#).

Lexington Catholic High School enjoys an expansive network of people, businesses and events in the Central Kentucky equine industry that will be utilized to provide an endless array of real-world experiences unavailable anywhere else in the world.

Program Highlights Include:

- Selective Admissions Process
- Yearly Equine-Related Curriculum Components
- Hands-on Laboratories and Practical Application
- Group and Individual Service Projects
- Relationship-building with Equine Professionals
- Mentorship and Research Opportunities
- Culminating Senior Project

For more information, contact Mindy Towles, Director of Admissions: (859) 277-7183 ext. 231 or mtowles@lexingtoncatholic.com. Description and applications can be found online at: <http://www.lexingtoncatholic.com/equineacademy>.

Partnerships

Lexington Catholic has numerous partnerships throughout central Kentucky. Students will have extraordinary access to the following organizations and others:

Academic Partners (still in development)

- Georgetown College
- Midway College
- University of Kentucky

Industry Partners (still in development)

- Alltech National Horse Show
- Fasig-Tipton
- Hunterton Farm
- Keeneland
- Taylor Made

Eligibility and Admission

Applications will be reviewed by the Equine Academy Program Director, Admissions Director and an Application Review Committee. The Equine Academy application should include the following documentation:

- Completion of application for general admission to Lexington Catholic
- Completion of Equine Academy application and student essay
- Interview with Application Committee
- Teacher and equine-related recommendations (2)

Advisory Board

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PROGRAM OF STUDIES

Equine Academy at Lexington Catholic

SUBJECT	CREDITS REQUIRED	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
RELIGION	4	1 credit	1 credit	1 credit	1 credit
ENGLISH	4	Survey of Lit.	American Lit.	British Lit.	World Lit.
MATHEMATICS	4	1 credit	1 credit	1 credit	1 credit
SCIENCE	3	Biology	Geophysical Science	Chemistry	
SOCIAL STUDIES	3		World History	U.S. History	American Government
WORLD LANGUAGE	2	Spanish (1)	Spanish (1)		
COMPUTER/ BUSINESS	1	Computer Applications (.5)	Economics (.5)		
FINE ARTS	1			(.5)	(.5)
HEALTH & PHYSICAL EDUCATION	1	Health (.5) and P.E. (.5)			
EQUINE STUDIES	4	Intro. to Equine Science (.5) and Introduction to the Equine Industry (.5)	Anatomy and Phys. (.5) and Health Care, Nutrition, & Management (.5)	The Equine Athlete (.5) and Reproduction and Farm Management (.5)	Equine Business & Marketing (.5) and Senior Capstone Class (.5)
ELECTIVES	2			(.5)	(1.5)

Please note, in order to fit the additional curriculum included in the Equine Academy, students will be required to take at least two classes outside of the normal school calendar. LCHS suggests students choose from either Computer Applications, Economics, Health, and/or P.E. for this requirement.

Equine Academy Curriculum

Freshman Year

Introduction to Equine Science: A general overview of the history, anatomy, behavior and proper handling and care of the horse. Students will learn basic industry standards that pertain to all aspects of the equine world.

Introduction to the Equine Industry: An in-depth study of the diversity of the equine breeds and disciplines and the business opportunities available within their respective organizations.

Sophomore Year

Anatomy and Physiology: This course covers the normal anatomy and physiology of the horse including cell structure and all major systems: skeletal, muscular, circulatory, digestive and reproductive. Common disorders associated with each system will be presented.

Health Care, Nutrition and Management: This course will present the common diseases of the horse and the prevention of disease through proper management and nutrition.

Junior Year

The Equine Athlete: An in-depth study of the horse as an athlete with emphasis on proper training methods for the major disciplines and the causes and prevention of lameness.

Reproduction and Farm Management: Introduction of equine reproduction and breeding and farm management. Included will be the study of the production of horses for private and public sale.

Senior Year

Equine Business and Marketing: This course reviews management practices essential to the planning and operation of commercial horse farms or equine retail and service businesses. Course will emphasize business skills, characteristics of a successful equine industry employee and tools and tips of being marketable within the industry.

Capstone: The goal of the course is to prepare students for real life scenarios and teach them skills in research techniques, scientific paper reading and writing, problem solving, group work, public speaking, and debate. Much emphasis will be placed on the development of their Senior Project.

Additional Curriculum Components

- Integration of equine studies into student's general course work.
- The University of Kentucky will allow Equine Academy juniors and seniors to attend specific equine courses on their campus.

Extracurricular Participation Requirements

Only in Central Kentucky will students have access to these unique extracurricular opportunities. This component of the Equine Academy will require students to participate in experiences in the equine world in order to gain a broader appreciation of the horse industry, disciplines and breeds.

Extracurricular Experiences will include, but are not limited to:

- Speaker Series with Local Equine Professionals
- Experiences with Various Disciplines
- Networking Opportunities
- Real Life Experiences available only in the Central Kentucky region
 - Horse Sales and Events at Fasig-Tipton and Keeneland
 - Access to Local Horse Farms and Equine Businesses

Capstone Senior Year Project

Students will plan, organize and present a senior project that describes the combined nature and application of their research and mentorship. Upon completion of a rigorous review process, each student will present their project to a committee, highlighting their experiences and knowledge gained during their four years in the Equine Academy.

Group and Individual Service Projects

Academy students will participate in two components of service work, primarily focused on the Kentucky Horse Park's *Central Kentucky Riding for Hope* and *Mustang Troop*. They will be required to participate in a group service project, earning 5 hours each year. The project will be decided upon by the group, under the guidance of the Academy Director. The individual project requirement is an additional 5 hours per year and will also be decided upon by the student and the Academy Director.

Program Fees

- 2012-13 Equine Academy Fee: \$1,000; due by Aug 1, 2012.
 - Fee is in addition to Lexington Catholic tuition.
 - LCHS Equine course textbooks are included with the Academy fee.
 - Required Extracurricular Activities are included with the Academy fee.
- Additional Costs:
 - P.E., Economics, Computer Applications and/or Health course fees are the responsibility of the student. These courses are available at Lexington Catholic during the summer.
 - Equine Academy students are responsible for off-campus course fees (i.e. University of Kentucky and Midway).
 - Additional extracurricular experiences may require an added fee.

About Lexington Catholic

- Students have a composite ACT score of 24.9, exceeding national, state and local averages
- The Class of 2011 earned over \$10,150,000 in college scholarship money
- Student Teacher Ratio 20:1
- 99% of our students are college-bound
- Every student participates in a yearly, religious grade-level retreat
- Morning mass, prayer services or youth group activities are offered every day in the LCHS Chapel
- Over 85% of our students participate in a variety of extracurricular activities and clubs each year
- 18 varsity sports and 31 clubs and organizations are offered to our students