HIRA INSTITUTE

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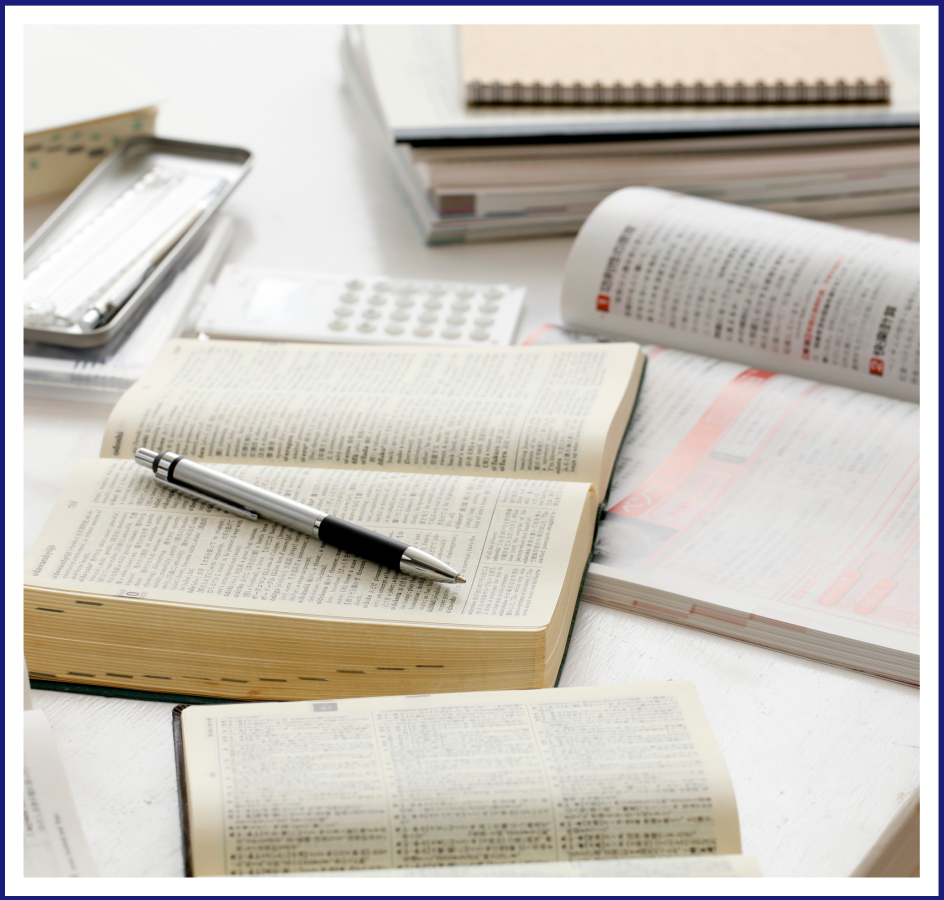
www.hirainstitute.org



ACADEMIC HANDBOOK

PREPARE FOR YOUR FUTURE

In the Name of Allah,
the Most Beneficent, the Most Merciful.

Reviving Prophetic Legacy

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عَلَّمَ ٱلۡإِنسَـٰنَ مَا لَمۡ يَعۡلَمۡ ٥

Read! And your Lord is the Most Generous (3)
Who taught knowledge by use of the pen (4)
He taught mankind what they did not know (5)

(Quran 96:3-5)

HIRA Institute: Vision Statement

Profile of a HIRA Instiute Graduate:

A HIRA Institute Graduate will have:

1. God Consciousness (Taqwa)
2. Prophetic Character (Akhlaaq and Aadaab)
3. Passion to Continuously Seek Knowledge (Ilm)
4. Leadership Skills (Imaarah)
5. Desire to Serve the Community (Khidmah)

Vision Statement:

We are dedicated to guiding individuals on a journey of personal and academic excellence through God Consciousness (Taqwa), Prophetic Character (Akhlaaq and Aadaab), Passion for Knowledge (Ilm), Leadership Development (Imaraah), and Service to the Community (Khidmah).

Mission Statement:

Our mission is to instill God Consciousness and Prophetic Character through having the students memorize and recite the Qur'an, teaching the meaning of the verses of the Qur'an, teaching about the wisdom of the religion of Islam, and teaching spirituality.

وَٱجۡعَلۡنَا لِلۡمُتَّقِينَ إِمَامًا

"Make us role models for the God-fearing"

(Quran 25:74)

Elementary School Curriculum

Language Arts

Aligned to the Common Core State Standards for Language Arts, students will read short stories as a class from Core Knowledge. Core Knowledge strongly supports systematic phonics instruction as the superior way to teach decoding skills. Core Knowledge builds comprehension and vocabulary skills through the integration of topics in science, history and the arts.

Mathematics

Based on the Common Core Standards for Mathematics, students will utilize Math in Focus Singapore Math curriculum resources. Math in Focus helps students learn the language of math through hands-on learning, visualization, and pictorial representations. The Engage-Learn-Try Focus Cycles present a concept step by step so that students can easily grasp it. Students are guided in acquiring and applying concepts and skills to non-routine, open-ended, and real-world problems.

Science

Students will study the Core Knowledge science sequence which is aligned to the Next Generation Science Standards (NGSS). NGSS prescribes a multi-dimensional approach to science learning and instruction, integrating core ideas, hands-on practices, and crosscutting concepts, as well as applications of scientific knowledge in engineering and technology.

Social Studies

The Core Knowledge social studies program teaches respect for diverse peoples and cultures and is aligned to the Kentucky Social Studies Standards. The Core Knowledge Sequence covers a broad range of world and American history—including early and modern Asian, African, Middle Eastern, Western, and Native American civilizations. This historical knowledge is explicitly connected to diverse works of literature, art, and music, as well as contributions by scientists from many cultures and backgrounds.

Middle School Curriculum

Language Arts

Aligned to the Common Core State Standards for Language Arts, students will read novels as a class from the Newberry Medal Book Winners. They will answer comprehension questions and write essays/stories based on the reading. And they will learn vocabulary words from Sadlier Vocabulary, a foremost research-based vocabulary program for KG-12th grade. Students will also develop their writing and grammar by Glencoe McGraw Hill.

Mathematics

Based on the Common Core Standards for Mathematics, students will utilize Math in Focus Singapore Math curriculum resources. Math in Focus helps students learn the language of math through hands-on learning, visualization, and pictorial representations. The Engage-Learn-Try Focus Cycles present a concept step by step so that students can easily grasp it. Students are guided in acquiring and applying concepts and skills to non-routine, open-ended, and real-world problems.

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High School Program

Courses

Classes at HIRA Institute are taught in cooperation with the University of California Scout Program which will lead to Advanced Placement (AP) classes. AP classes are college level courses offered in high school administered by the College Board. The University of California Scout Program is A-G and College Board approved. This means the curriculum is rigorous to allow successful students entry to college. The program is also approved by the Western Association of Schools and Colleges which accredits schools. Through this program, HIRA Institute teachers will have access to the Learning Management System (LMS). LMS will allow teachers to have assignments graded automatically, upload their own materials, and create new tests and quizzes.

Required Courses (22 credits)

- English (4 credits)
- Math (4 credits)
- Science (3 credits)
- History (3 credits)
- Elective (2 credits)
- Islamic Studies (4 credits)
- Physical Education/Health (1 credit)
- Art (1 credit)

Sample Schedule			
Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English I	English II	AP English Literature and Composition	AP English Language and Composition
Algebra I or Geometry	Geometry or Algebra II	Algebra II or Pre-Calculus	Pre-Calculus or AP Calculus AB or Elective
Art	Chemistry	Biology	Physics
AP World History	Physical Education/Health	AP Phsychology	AP US Government
Aqeedah I/II	Aqeedah III/ Fiqh of Seerah	Fiqh of Worship I/ History of The Rightly Guided Caliphs	Quranic Sciences/ Analytical Tafseer I

English

English I

In English I, students will learn the beauty of the English language from short stories, non-fiction, poetry, drama, and the novel by reading some of history's best-known classics. Students will learn grammar, usage, and standard forms of American English. Readings include Call of the Wild, Homer's The Odyssey and poems by Edgar Allan Poe

English II

In this course, students will read novels, plays, short stories, essays, and poetry to analyze the choices authors make to paint a mental picture. Students will learn about different writing styles, from satire to nonfiction, and how literary devices illuminate important nuances in given works. By the end of this course, students will have an appreciation for how they can improve their writing by applying the literary techniques they learned about.

AP English Literature and Composition

This intensive two-semester college-level course immerses students in close reading and analysis of challenging literary works from a range of genres -- novels, short stories, poems, plays, and nonfiction. Composed of challenging reading and writing assignments, the course focuses on intensive reading and discussion of the literature. Students will read at a fast pace and will be required to form independent opinions about the offered materials. Thoughtful analysis of the readings and multi-step writing assignments will be required. The writing component centers on the focused interpretation of high-level texts, with assignments ranging from Discussion Board posts to full, five-paragraph essays. Through course discussion boards, students will have consistent interaction with the teacher and with peers.

AP English Language and Composition

Advanced Placement (AP) English Language and Composition is an intensive two-semester college-level course that equips students to think and write analytically through various modes of discourse (speaking and writing). Because our students live in a highly visual world, we also study the rhetoric of visual media such as photographs, films, advertisements, comic strips, and music videos. Many of the readings and writing assignments will be journalistic in nature and originate from first person memoirs, essays, op/ed. articles, news, and editorials.

Math

Algebra I

Through this course, students will learn how to use algebra to solve everyday life problems, from calculating how much gasoline you'll need for your summer road trip to graphing college tuition costs. With an in-depth understanding of algebraic principles, including variables, equations, graphing, number properties, polynomials, and more, students will gain the necessary problem solving skills to practically apply algebra to real life.

Geometry

Students will boost problem-solving skills by applying geometry concepts to calculate angles and intersecting lines, perimeters, polygons, area and volume, and more. Students will learn about shapes and how to measure and divide them.

Algebra II

Students will understand the power and usability of algebraic formulas in business, education and life. In this course, students will dive deep into the realm of algebra, learning mathematical reasoning, probability, polynomial functions, linear functions and much, much more.

Pre-Calculus

Students will master logarithms and trigonometry, as well as radicals, fractional exponents and other topics. Lessons and skill assessments are designed to maximize student understanding and retention of key math concepts.

AP Calculus AB

In this course, students will explore the basics of calculus including functions, graphs, integrals, and more, all while gaining valuable problem solving skills.

Science

Biology

Biology is the study of living organisms and the natural world. In this class, students will learn about the processes and chemistry that give life to the world while exploring topics ranging from DNA to evolution, reproduction to taxonomy. Interactive exercises and web labs will help students improve their analytical skills while introducing them to new scientific and algebraic concepts.

AP Biology

Through interactive media, labs, inquiry projects and assignments, this course investigates four big ideas: (1) The process of evolution drives the diversity and unity of life, (2) Biological systems utilize free energy and molecular building blocks to grow, reproduce, and maintain dynamic homeostasis, (3) Living systems store, retrieve, transmit, and respond to information essential to life processes, and (4) Biological systems interact.

Chemistry

In this course the structure, composition, properties and reactions that matter undergoes will be studied through an integrated program of lecture, discussion, demonstrations, laboratory experiments and problem solving sessions. Topics covered include atomic theory, stoichiometry gas laws, mole theory, periodicity and quantitative analysis. Laboratory experiments are an integral part of this course.

Introduction to C Sharp

Algorithmic Thinking involves more than just learning code. It is a problem solving process that involves learning how to code. This course teaches computational and algorithmic thinking for students that know absolutely nothing about computer programming.

History

AP US History

Students will delve into the broad body of US history from the First Nations to the turn of the millennium. Students will research original historical documents, explore questions about governmental and religious institutions, beliefs, and actions in a historical context to properly comprehend the significance and continuing impact of past events.

AP World History

AP World History: Modern is modeled after a college-level world history course. Semester 1 covers the time period between 1200 and 1750 and semester 2 covers the time period between 1750 and present. In each course, students investigate significant events, individuals, developments, and processes. Students develop and use skills, practices, and methods such as: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time.

AP Psychology

Psychology is the scientific study of the inner workings of humankind's most complex organ: the brain. Designed as a tour through the realm of psychology, students will explore the underlying mental functions and behaviors that govern how we sense, feel, learn, remember, and process language. Students will learn how the mind develops as it ages, and the effects of nature versus nurture. Finally, students learn about psychological disorders, therapy and social psychology. By the end of this course students will have a greater appreciation and understanding of how their own mind works.

AP Human Geography

This year-long course gives students the opportunity to study humanity's historic and contemporary relationship with the physical world and natural resources, along with human innovations in culture, governance, agriculture, and industry. The topics include how humans live, build, farm, govern, communicate, worship, migrate, fight, innovate, design, and compromise across the diverse regions of the earth's surface.

College Dual Credit Program

At the end of the year, starting from freshman year, students will take the ACT test. The ACT is an entrance exam used by most colleges and universities to make admissions decisions. It is a multiple-choice, pencil-and-paper test administered by ACT, Inc. A 17 or above ACT Composite Score will allow students at HIRA Institute to enroll in the Dual Credit program at University of Louisville the following year.

In addition to the ACT score, the students must have:
a) 2.5 or above GPA
b) A recommendation form
c) Parent/Student Financial Agreement form
d) An official transcript from their high school
e) 90% attendance rate

Internship Info for Students

HIRA Institute believes in providing students opportunities to explore their interests, participate in research, and gain practical skills through internships. All students engage in an internship two days a week in the morning during the school year. Parents provide transportation to and from the work site.

HIRA Institute partners with companies that are in a wide range of fields. Students work at hospitals, law firms, universities, schools, tech companies, engineering companies, realty firms, accounting firms, nonprofits, pharmaceutical companies, investment firms, and more.

At the end of the Training Camp, the school will hold a job fair. The job fair is where students will meet supervisors and rate what company they would like to be placed with for the year. The companies will also rate what students they would like to have.

All internships are professional, entry-level jobs. Some common first-year duties are answering phones, greeting visitors, filing, data entry, and assisting with events. Every internship will help students with communication, networking, organizational, and time management skills.

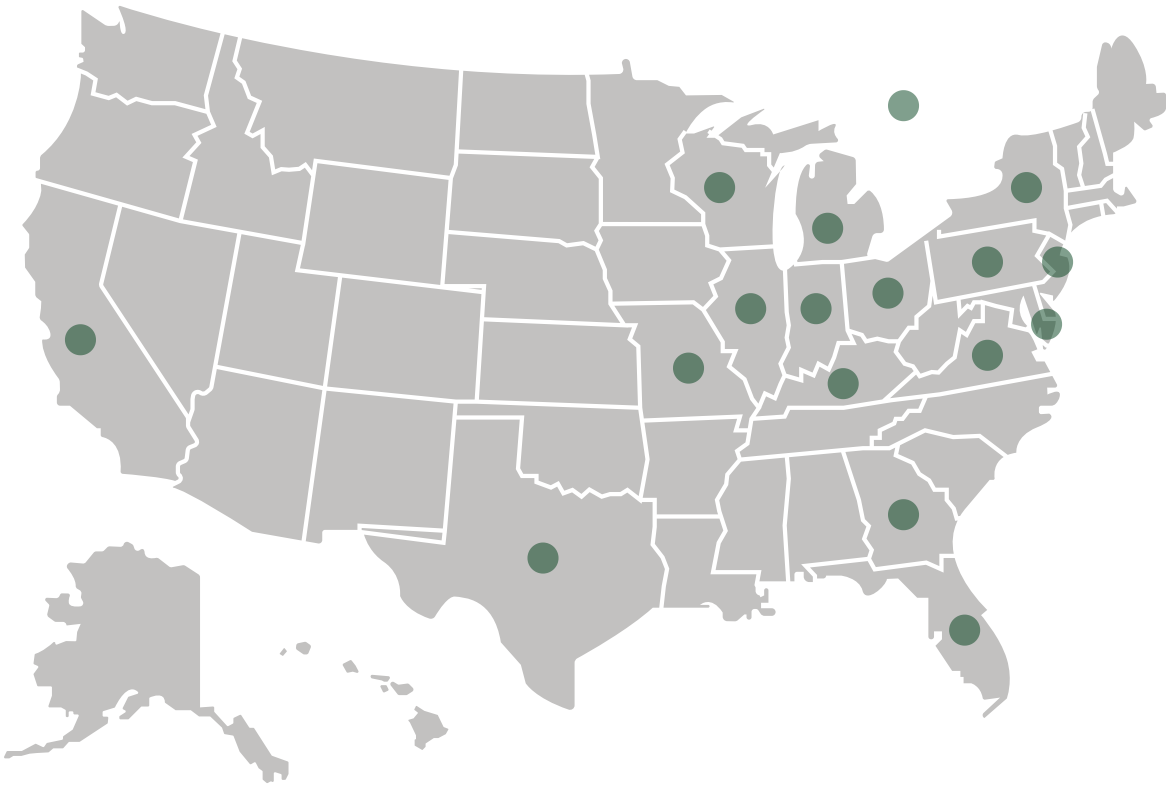
إِنَّمَا الْأَعْمَالُ بِالنِّيَّاتِ، وَإِنَّمَا لِكُلِّ امْرِئٍ مَا نَوَى

Allah's Messenger (ﷺ) said, "The reward of deeds depends upon the intentions and every person will get the reward according to what he has intended."

Sahih al-Bukhari

HIRA Outreach Services

As we continue HIRA's mission, our team members have traveled across North America to revive our Prophet's legacy and build community relationships.



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