AP, Dual Credit, and Tech Programs



Post Secondary Assets

- Youth Apprenticeships
- 40 or more Community Service Hours
- Client Centered Projects
- Workplace learning directly related to a student's IPS
- Industry Recognized Certifications
- Seal of Biliteracy
- ACT composite (21 or Higher)
- WorkKeys Level Silver or higher
- 9+ College Hours
- State Assessment Scores of 3 or 4
- ASVAB per requirements of branch selected
- SAT score 1200 or higher
- International Baccalaureate Exam 4
- Advanced Placement Exam 3+
- CTE Scholar
- Eagle Scout or Gold Scout
- 4-H Kansas Key Award
- 2 or more high school athletics/activities
- JROTC
- 95% attendance
- Senior Exit Interview/Senior Project
- Career and Technical Service Organization officers – state level

Post Secondary Opportunities

- High School/College Dual Credit Courses
  - UMKC
  - Baker
  - St. Mary
  - Others with approval (Barton, KCKCC)
- Advanced Placement Courses
- Technical Training Certification Programs
  - Kansas City Kansas Community College (and Pioneer Center)
  - Highland Community College

Why should a student take college courses?

- Research shows that students who successfully complete dual credit courses are more likely to:
  - **Enroll in college** after graduation
  - **Persist through their freshman year**, reducing the risk of dropping out
  - **Graduate on time**, because they enter with credits already completed

Lansing High School - College and Career

AP and UMKC College Courses

Adv Public Speaking *
AP Art Studio (Art 112) *
AP Biology (Bio112 and Lab) *
AP Calculus (Math 210) *
AP Chemistry (Chem 211 and Lab)
AP European History (Hist 201, 202) *
AP Computer Science
AP Government (Pol Sci 210) *
AP Language (English 110)
AP Literature (English 124)
AP Psychology (Psych 101) *
AP Physics 1 (Physics 210, 220)
AP Physics 2 (Physics 240 for Engineers)
AP Statistics
AP US History (Hist 101, 102) *
College Algebra (Math 110)
PreCalculus (Math 120)

Career Courses

Accounting
Broadcasting/ Journalism
Business Communications
Applied Business Development
Business Mgmt
Career Connections
Coding
Computer Programming
Culinary
Drafting
Engineering Design
Entrepreneurship
Environmental Science
Event Planning
Family Studies
Furniture/Cabinet Making
Graphic Design
Health Care Careers
Health Internship
Human Body Systems
Intro to Engineering
Introduction to Forensic Science
Law/Public Safety
Marketing
Sports Marketing
Movie Making
Photo Imaging
Robotics
Seal of Biliteracy - (2025 - 20 students)
Sociology
Spanish
French
ASL
Yearbook
Teaching
Web Design
Woodworking
Workplace Experience

Baker University

Quantitative Analysis I
College Algebra
Molecular and Cellular Biology & Lab
Chemistry I & Lab
Latin I
Physical Science
Physical Science Lab
Intro to US History I and II
Intro to US Politics
World Civilizations I
Intro to Information Technology
Intro to Business
Microeconomics
Intro to Communication
Language & Composition-Comp I
Research & Composition-Comp II
Music Appreciation
General Psychology
College Readiness
Intro to Christianity

Dual Credit (at LHS)

- 13 Instructors
  - 7 Dual Credit
  - 6 Collaborative Teaching with Faculty
- Enrollments
  - 23 Courses (from 8 last year)
    - 2 Fall Courses
    - 6 Spring Courses (can still enroll)
    - 15 Year long Courses
  - 101 Students
  - 667 Credit Hours

AP Courses

AP courses are rigorous, nationally standardized classes created by the College Board and culminates in a comprehensive exam given in May.

- Why Take AP?
  - **College-Level Challenge** – AP courses mirror the depth and pace of university classes, building skills in critical thinking, problem solving, and time management.
  - **College Credit Potential** – Many colleges and universities award credit or advanced placement for students who score a 3, 4, or 5 on an AP exam. This can shorten the time (and cost) needed to complete a degree.
  - **Stronger Applications** – Colleges look favorably on students who have challenged themselves with AP coursework. These courses demonstrate readiness for higher-level academics.
  - **Confidence Builder** – Students who succeed in AP report feeling more prepared to handle the transition to college expectations.

AP vs. Dual Credit

- While AP relies on performance on a single exam for credit, dual credit guarantees college credit through UMKC as part of the course grade. Many Lansing students choose to take **both AP and dual credit** in the same class to maximize their options for earning credit at future universities.

AP Enrollment

- AP Art Studio – 11
- AP Biology – 18
- AP Calculus – 21
- AP Chemistry – 12
- AP European History – 17
- AP Computer Science – 3
- AP Government – 16
- AP Language – 79
- AP Literature – 29
- AP Physics -10
- AP Physics 2 - 7
- AP Psychology – 28
- AP Stats – 22
- AP US History 121

Total 394 classroom seats

AP Enrollment (228 students)

- 12th Grade 58
  - 31% of class enrolled in at least 1 AP course
  - 2.08 Average AP courseload
- 11th Grade 99
  - 47% of class enrolled in at least 1 AP course
  - 1.96 Average AP courseload
- 10th Grade 51
  - 25% of class enrolled in at least 1 AP course
  - 1.1 Average AP courseload
- 9th Grade 20
  - 9% of class enrolled in at least 1 AP course
  - 1 Average AP courseload

Technical Programs (KCKCC and Highland)

Purpose:

- Prepares students for immediate careers by providing hands-on, vocational training and industry certifications through Career & Technical Education (CTE) programs.

Cost:

- Low or no cost for Lansing High School students (no tuition or fees charged)
- Most students provide their own transportation
- There are some equipment fees

Current Numbers

- Highland Community College
  - 8 Diesel Tech
  - 2 Welding
  - 1 HVAC
- Pioneer Center
  - 7 Certified Nursing Assistant
  - 5 HVAC
  - 2 Electrical
  - 3 Construction
- KCKCC TEC/Main Campus
  - 2 Auto Tech
  - 1 Electrical Engineering Tech
  - 1 Fire Science

Costs



UMKC - $75 per credit hour



AP tests - $100 per test



Tech – no or low cost (students pay for equipment and supplies)

Next Steps

- Review compensation and/or stipends for dual credit instructors
- Build partnerships to expand Tech and Certification Programs
- Identify areas of higher need and develop programs within our systems
  - CNA
  - Construction
  - Early Childhood
  - Teaching/training
  - HVAC
  - Deisel Mechanics
  - Agriculture
  - Manufacturing
  - Welding