



Student Enrollment



360% increase in schools
226% increase in students

2024-2025

68 STUDENTS - 5 SCHOOLS

2025-2026

222 STUDENTS

26 SCHOOLS - 23 DISTRICTS



**COLLEGE CREDIT
HOURS EARNED**

190

CREDIT HOURS

59

COLLEGE COURSE
CREDITS

Industry Certifications

26 INDUSTRY CERTS EARNED

FALL 2024

- IC3 GS6 Level 2: **9**
- HTML & CSS: **2**
- Python: **4**

SPRING 2025

- IC3 GS6 Full Master Certification: **3**
- IC3 GS6 Level 2: **6**
- Python: **1**
- Java: **1**
- A+: **0**

Stacks

IC3 + ITS Python: **5**

- Programming GS62: **2**
- Digital Design GS6: **2**
- Web Development GS: **2**

Multiple languages

- Computer Programming: **2**
- Digital Design: **1**

HTML + another language: **2**



**END OF PROGRAM
STATE**

ASSESSMENT

COMPUTER
PROGRAMMING

87%

PASS RATE

NUMBER OF STUDENTS
TESTED: 15



Course Completion

DUAL CREDIT ENROLLMENT: 59

FALL 2024

CIT 105- **16**
CIT 120-**12**
CIT 144-**6**

SPRING 2025

CIT 105-**6**
CIT 111-**13**
CIT 120-**3**
CIT 149- **3**

TOTAL HIGH SCHOOL CREDITS EARNED: 98

YEAR LONG COURSES

INTRO TO
PROGRAMMING: **30**

CYBERSECURITY: **7**
COMPUTER HARDWARE &
SOFTWARE MAINTENANCE-**2**



**STUDENT
MATRICULATION TO
POSTSECONDARY
INSTITUTIONS**

6 SENIORS

CS DEGREES/KCTCS: 2
UNIVERSITY OF KENTUCKY CS
DEGREE: 1
U OF L SPEED SCHOOL OF
ENGINEERING: 1
UNDECIDED: 1
NURSING: 1

WORK-BASED & WORKPLACE READINESS LEARNING 2024-25



In 2025-2025, We Lead CS built a first-of-its kind, virtual work-based learning program connecting our students with employers. From the employers' perspective, WLCS is creating a pipeline of prepared, motivated talent. From the students' perspective, We Lead CS opens doors to career exploration, skill development, and meaningful professional connections that otherwise wouldn't have been possible.

GitHub Training

Foundational GitHub training

- 16 students

Advanced GitHub training

- 14 students

Paid Internships

Summer 2025

- Internship providers included: 5/3 BANK, P&G, INTERalliance
- 4 students

Virtual Job Shadowing

All Students

3 Career Connections

- 1 hour of 3 guest speakers with total of 39 guest speakers

1 Hour Virtual Job Shadowing

- 6 sessions
- 9 guest speakers
 - NKU
 - CISCO
 - US Bank
 - GE Aerospace
 - Kentucky Public Pensions Authority
 - Lexmark
 - AppOmni

Agile Training

Agile/SCRUM Development Training

- 16 students

JUMP START

8 week INTERalliance/P&G

- 2 evenings/week- 3 hrs/night
- 3 students attended

4 week WLCS JumpStart

- 2 mornings/week- 2 hrs/day + 1 hr homework/week
- 30 students
- 11 high schools & 2 middle schools.

Tech Olympics

Tech Olympics at P&G/Cincinnati

- 10 WLCS students attended
- WLCS Team placed 2nd in Student Showcase competition!

Mock Job Interviews

Mock Interview Prep Workshop

- ALL students
- Mock Interviews
- ALL students

STLP Participation

Spring 2025

- WLCS led a coding competition
- 36 students competed
- # of schools: 12

Challenge Defense Projects

CIT 149

- 3 students

Intro to Programming using Python classes w/o CIT 120

- 16/17 students, respectively

TSA Participation

Spring 2025

- Web Design: 4 students
- Misc. competitions: 12 students

Other College & Career Readiness

All Students

- Professionalism
- Career & College Exploration
- Elevator Pitch & Resume Building

KY COMPUTER SCIENCE COURSE SNAPSHOT 2024-25

Other than computer literacy, computer science classes are offered by less than 25% of KY schools. That means that WLCS's expanding roster of classes will significantly improve access for many students.



Top Kentucky CS Course Offerings by Percentage of Schools

Course	Schools	Percentage	Number of Students
★ 110110 Computer Literacy	141	39.39%	5406
110711 AP Computer Science Principles	89	24.86%	1490
★ 110251 Computational Thinking	76	21.23%	973
★ 110101 Computer Hardware and Software Maintenance	75	20.95%	779
270643 Technical Mathematics	75	20.95%	3133
110710 Introduction to Computer Science	74	20.67%	1126
★ 110201 Introduction to Programming	68	18.99%	1244
110102 Help Desk Operations	58	16.20%	500
113605 Game Design and Development Principles	47	13.13%	717
110226 Project-Based Programming	44	12.29%	504
110701 AP Computer Science A	40	11.17%	496

Other WLCS Courses offered for Dual Credit

WLCS Course for Dual Credit	Schools	Percentage	Number of students
★ 110230 Cybersecurity	36	10.06%	336
★ 110901 Introduction to Networking Concepts	32	8.94%	315
★ 110220 Object-Oriented Programming I	24	6.70%	275
★ 110205 JAVA Programming I	21	5.87%	300
★ 110912 Security Fundamentals	15	4.19%	186

★ Star Denotes WLCS Courses offered to districts

Student Participation includes students attending ATC or through online/virtual instruction in 2023-24 school year

[https://www.education.ky.gov/districts/tech/Documents/Annual%20Computer%20Science%20Report%2024-25%20\(Final\).pdf](https://www.education.ky.gov/districts/tech/Documents/Annual%20Computer%20Science%20Report%2024-25%20(Final).pdf)



2024-2025 Partner

Jefferson

2025-2026 Partners

Ashland

Gateway

Jefferson

Maysville

Madisonville

Somerset

Southcentral KY

West Kentucky

2025-2026 Data

23 Districts

23 High Schools

3 Middle Schools

26 Schools Total

A 420% INCREASE IN
SCHOOLS SERVED!



Current Enrollment: 222 Students

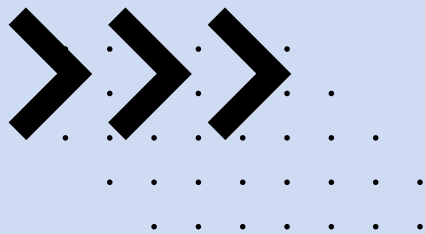
Anticipated Credits = 315 credits

Anticipated College Credits: 124 credits

Course	Fall	Spring	Total
Computer Literacy (CIT 105) Ashland, Jefferson, Maysville, Somerset, Southcentral	30	*36	66
Computer Hardware & Software Maintenance (CIT 111)		10	10
Computational Thinking (CIT 120) Ashland, Jefferson, Maysville, Somerset, Southcentral	9	14	23
Intro to Programming		134	134
Cybersecurity		57	57
Object- Oriented Programming I (CIT 144) Jefferson & Madisonville	7	9	16
JAVA Programming I (CIT 149) Jefferson & Madisonville		9	9

*Adding an Artificial Intelligence Elective Course in Spring 2026: enrollment request anticipated to be 30 students

TEACHERS, PROFESSIONAL LEARNING, INSTRUCTIONAL RESSOURCES 2024-25



INSTRUCTIONAL STAFF

2024-2025

3 Teachers

3 College/Career Coaches

2025-2026

4 Teachers

4 College/Career Coaches

PROFESSIONAL LEARNING

(all teachers)

Artificial Intelligence for Educators
CIPA: Compliance with the Children's Internet Protection Act
Child Abuse: Mandatory Reporting
Copyright Infringement
Cyberbullying
Digital Citizenship for Secondary Teachers
FERPA: Confidentiality of Records
Online Safety: What Every Educator Needs to Know
Sexual Harassment: Student Issues & Response
Youth Suicide: Awareness, Prevention and Postvention

National Standards for Quality Online Learning

Curriculum

- Code HS - Intro to Programming
- New in 2025-2026: Paradigm Cyber Ventures

Data & Learning Management Systems

- Infinite Campus (2025 integration into Data Exchange to sync data with districts)
- Canvas LMS
- New in 2025-2026: Class for Teams Digital Learning Platform

Dual Credit Curriculum

- TESTout: Online labs for CIT 105, CIT 111
- CIT 120, 144, 149: Online Textbook through Blackboard

Student Feedback & Continuous Improvement

Surveys Conducted:

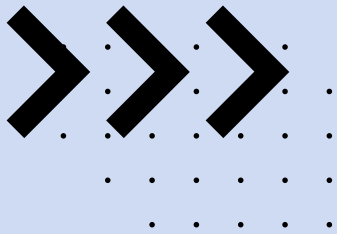
- Intake (Sept): Motivation, strengths, areas for improvement
- Mid-Year (Dec): Progress and overall experience
- Final (May): Progress and overall experience

Teacher Response: Teachers reviewed survey data together, and discussed strategies for improvement. Changes were implemented based on student feedback.

Key Improvements:

- Adjusted class pacing and clarified examples
- Posted recorded sessions for review
- Added employer presentations on GitHub and Agile practices
- Explained private tutoring process and encouraged students to sign up

TAKE THE LEAD CHAMBER GRANTS 2024-25



\$20,000 TAKE THE LEAD CHAMBER GRANTS AWARDED TO:

- **Northern Kentucky Chamber**
- **Scottsville/Allen County Chamber**
- **Lexington Commerce Chamber**



Grant Objectives

Engage Employers

- Identify employers in your region hiring tech talent and the skills they need in their talent pipeline.
- Connect employers with students in We Lead CS virtual work-based learning experiences

Engage Educators

- Involve school districts in your region with employers hiring tech talent and We Lead CS to build a tech talent pipeline in your region.

Engage Parents

- Involve parents so they can encourage and support students interested in computing careers.

Engage Students

- Help recruit middle and high school students to prepare for Kentucky tech jobs in We Lead CS dual credit career pathways.