

# Lebanon High School Early College IT Program



February 7, 2019



# Scott Butler

## LHS Principal

- Lebanon's Partnership with UC, Sinclair Community College
- Evolution of the program



# Kelly Broscheid

## Assistant Director, Early College Program, University of Cincinnati, Information Technology

- Job opportunities in IT field
- Pipeline for students to UC's IT program
- Opportunities for LHS students who complete Early College IT program





What is Information Technology?

# The UC IT Program

- 400 coop placements in 170+ companies
- \$4 million in industry support for coop (average \$10K per student)
- NSA Center for Academic Excellence
- ABET CAC Accredited
- 85% retention rate
- \$58K average graduate salary

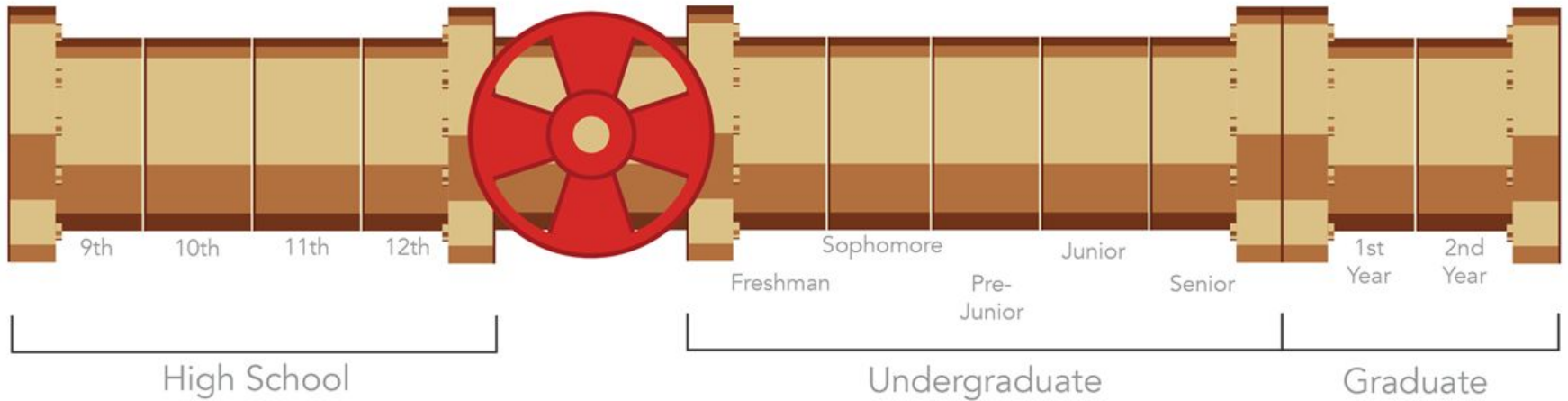


# Information Technology Early College Program

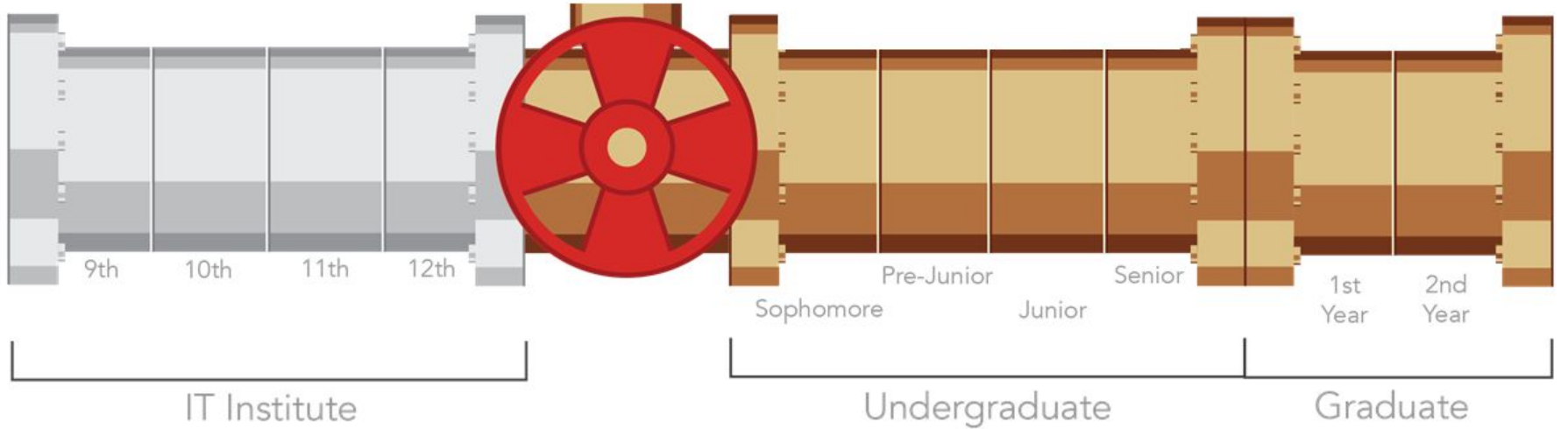
- First year of college in high school
- Offer students (with 2.0 or above in BSIT first year) automatic acceptance to the BSIT
- Five semesters of co-op earning around \$50K
- Accelerated masters and bachelor degree with four masters options



# Current Path to BS and MS

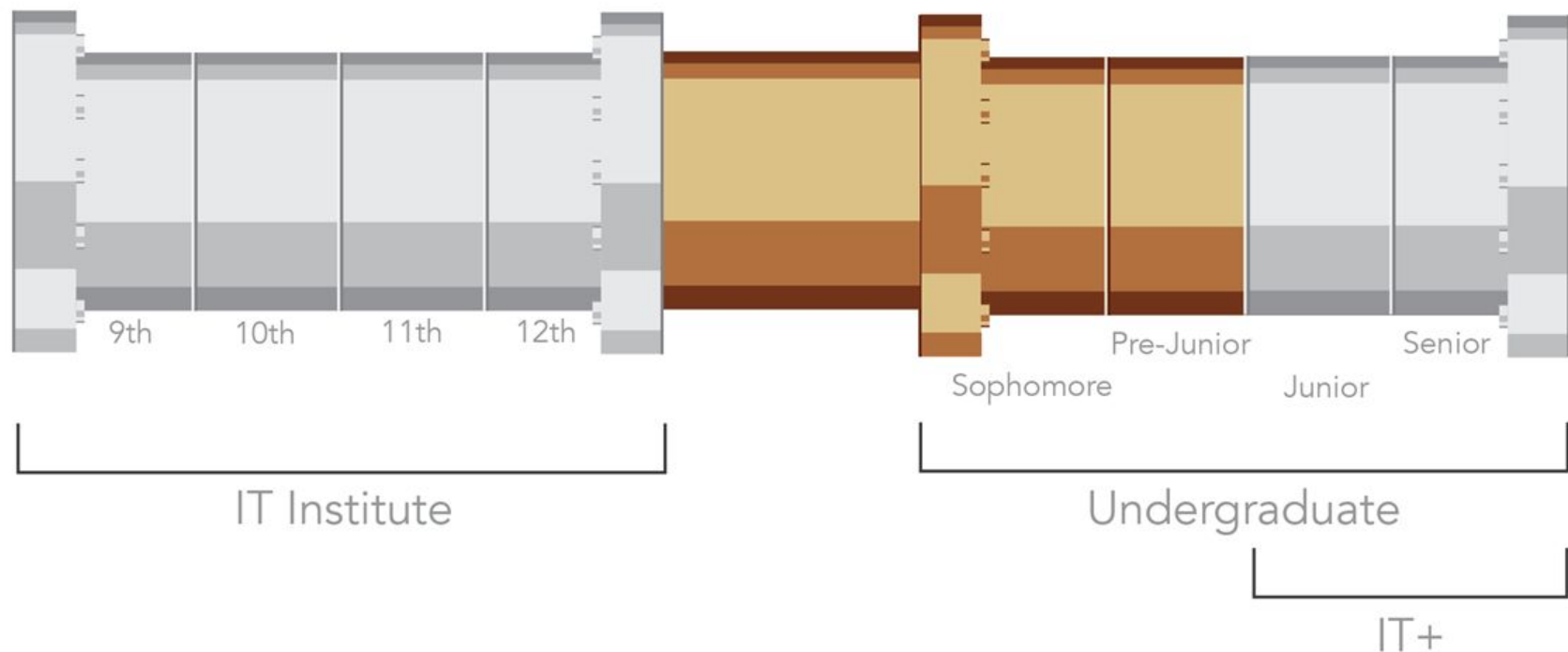


# K12 Partnership

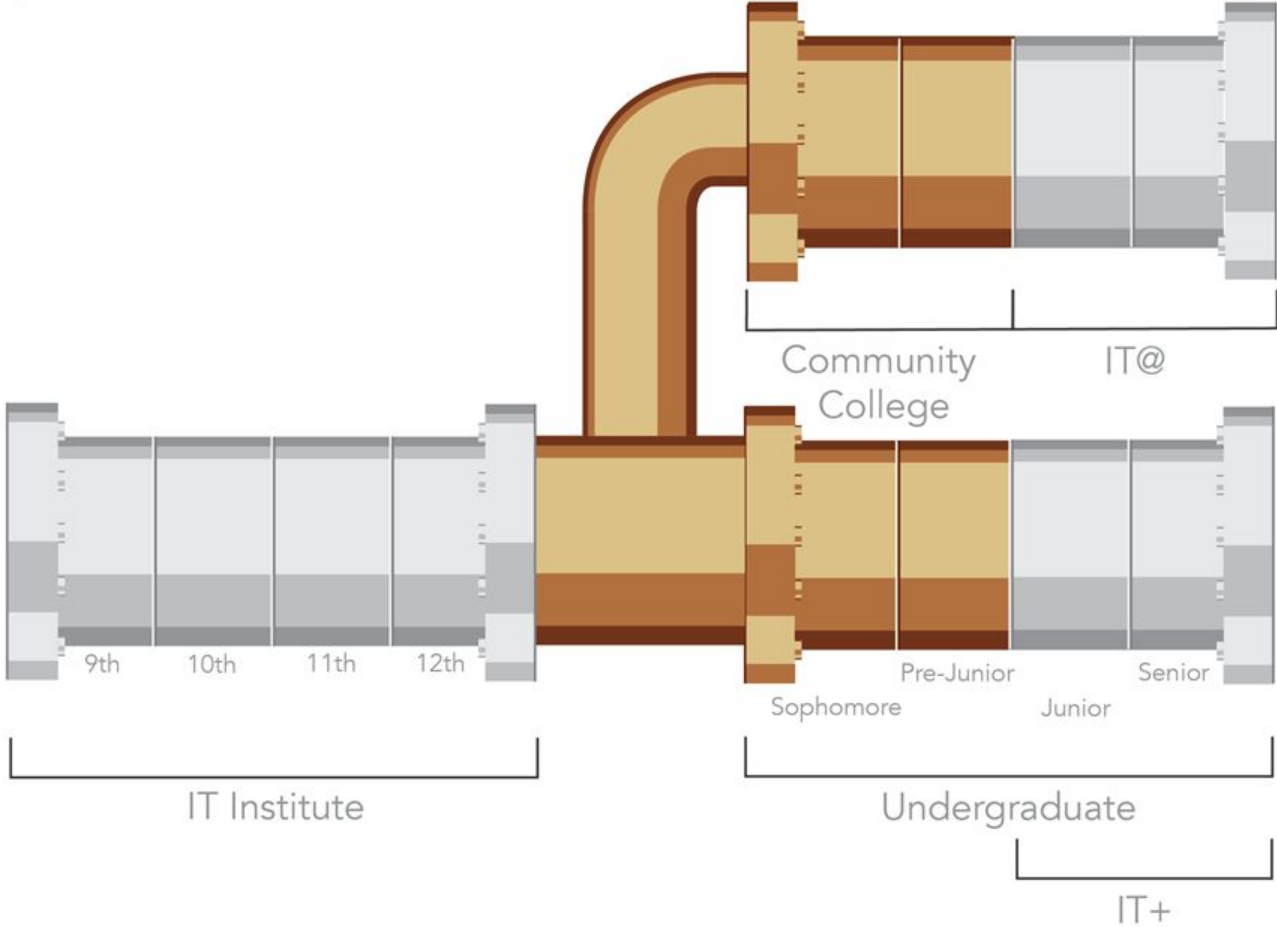




# K12 + Graduate Partnership



# K12, Graduate and CC Partnerships



# Specializations & Options

- Undergraduate Specialization:

- Software Application Development
- Cybersecurity
- Networking/Systems
- Game Development & Simulation

Graduate Options:

MBA

MSIT

IDT

MHI

# Justin Schneider

## LHS Counselor

- Required classes to complete first year of UC's IT Program
  - Fundamentals of Information Technology
  - Computer Networking
  - Computer Programming I
  - System Administration
  - Fundamentals of Web Development
  - Database Management
  - CCP Intro to Co-op for IT (UC)
  - CCP Precalculus @ LHS (Sinclair)
  - CCP Intro to Personal Communications (Sinclair)
  - CCP English Composition (Sinclair)



## Mrs. Marla Norman

- LHS Early College IT teacher
- UC Adjunct IT instructor
- Sinclair Adjunct Math instructor

# Early College IT Classes

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At Lebanon High School



# How we learn.

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# Online Resources

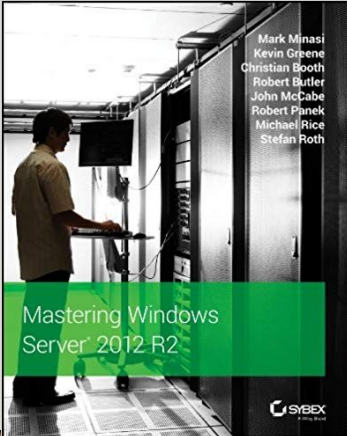
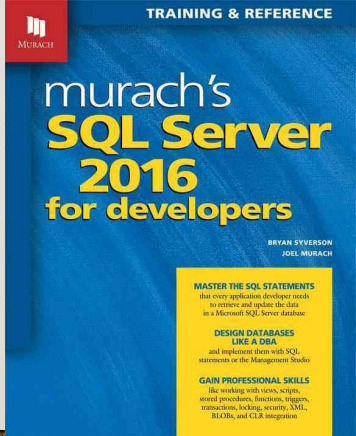
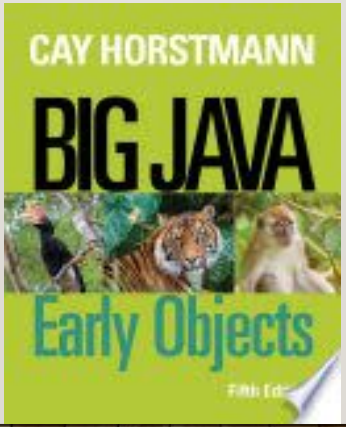
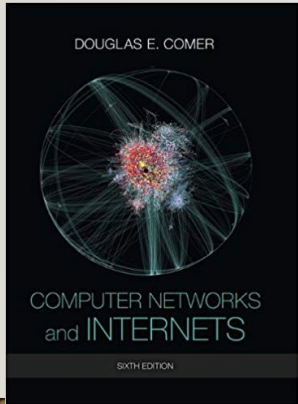
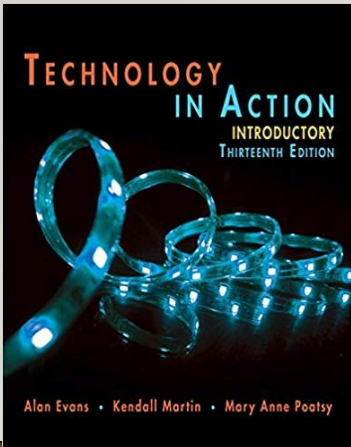
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# College Level Reading Comprehension

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# Online Productivity Tools

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# Autonomy in Learning

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# Group Projects

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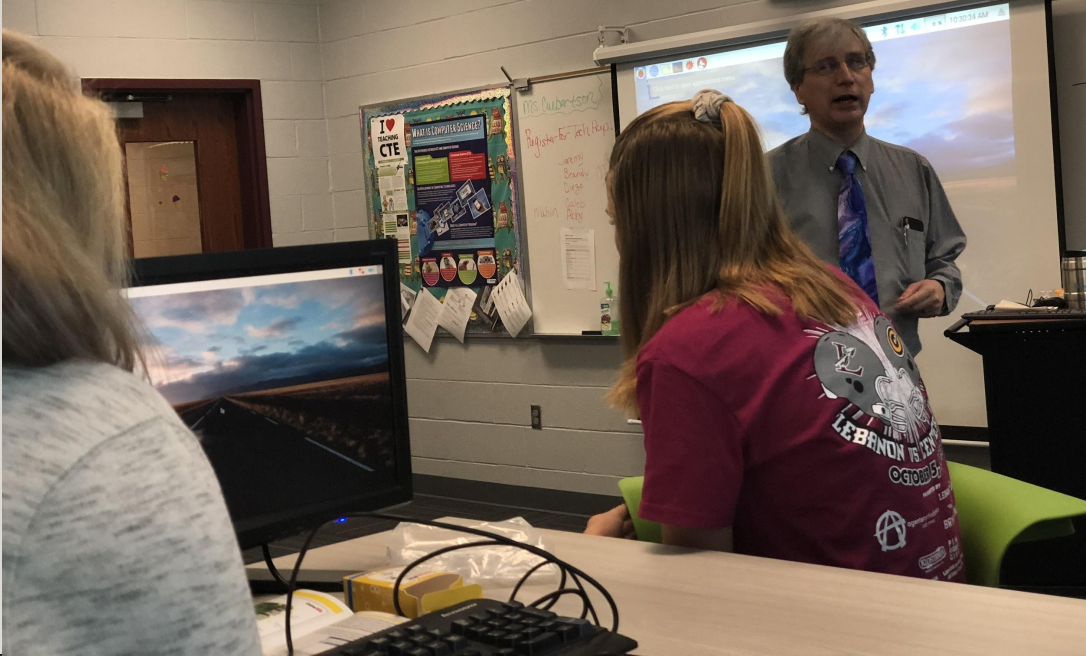
# Group Projects

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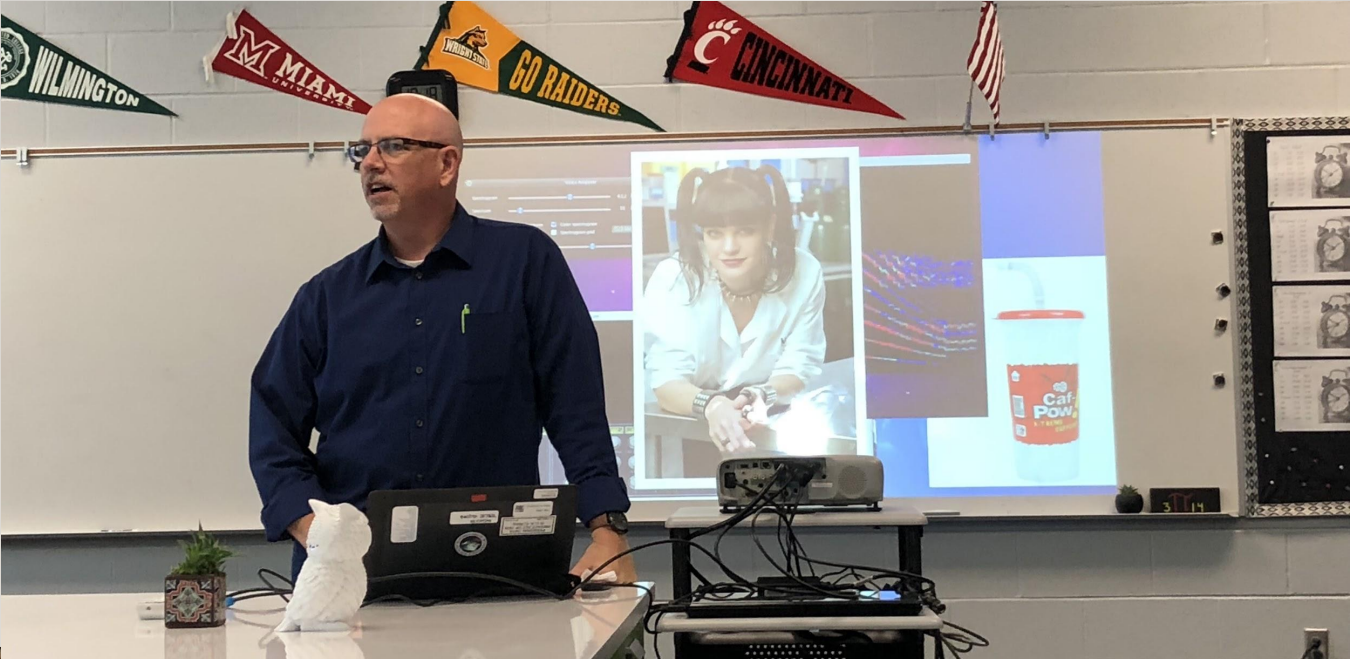
# Guest Speakers

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# Guest Speakers

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# Fieldtrips

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# Fieldtrips

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# Network with Other Schools

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# Build a Cohort of Learners

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# Career Exploration



