The Compute-to-Learn (C2L) Pedagogy is a semester-long, project-based learning experience in which students collaborate within a peer-led studio environment to create Mathematica demonstrations of abstract course concepts that can be illuminated by dynamic computation. During this experience, students learn key programming skills that they apply within the context of their discipline. At the end of the semester, the student demonstrations undergo external peer-review and are published on the Wolfram Demonstrations Project.

Mathematica Demonstrations in the Wolfram Demonstrations Project span STEM fields. **Faculty from all STEM fields are encouraged to attend the workshop!**


Workshop Objectives:
Participants will:
- Learn the basics of the Wolfram programming language
- Program a demonstration in Mathematica
- Develop ideas for demonstrations related to topics in their own courses
- Learn about differences in implementing C2L at various institution types
- Identify challenges and discuss strategies for implementing C2L in their own courses

Workshop Facilitators:
The workshop will be facilitated by two C2L developers:
Heidi P. Hendrickson  Assistant Professor  Lafayette College
Ellen Mulvihill  PhD Candidate  The University of Michigan

Workshop Schedule:
**Session 1**: Acopian Engineering Center 302 *(coffee provided!)*
9:30am – 10:00am  Welcome and Introduction to Compute-to-Learn
10:00am – 12:30 pm  Hands-on Tutorial: Programming Mathematica Demonstrations

**Session 2**: Kunkel Hall 117
12:30 pm – 1:00 pm  Lunch (provided)
1:00 pm – 3:00 pm  Implementing C2L at Various Types of Institutions

**Post Workshop Gathering/Dinner**
5:00 pm – 7:00 pm  Group Dinner at Two Rivers Brewing Company
[https://www.tworiversbrewing.com](https://www.tworiversbrewing.com)

Questions? Please contact Heidi Hendrickson at hendrihe@lafayette.edu

*Event co-sponsored by:*
Directions to Campus

From Boston and Northern New England
- I-90 (Mass Pike) to Exit 9 at Sturbridge or, from Springfield/Connecticut Valley, I-91 south to Hartford
- I-84 west to Exit 20 at Brewster
- I-684 west to Exit 1 and junction with
- I-287 (Cross-Westchester Expressway) west to junction with
- I-87 (New York Thruway) across Tappan Zee Bridge (north and upstate) to Exit 15 at Suffern
- I-287 south to
- I-78 west to Exit 75.

Take a right turn onto Morgan Hill Road. At the stop sign, continue right onto Old Philadelphia Road. Take a slight left onto St. John Street, and continue on North Third Street through several traffic lights up to the traffic circle. Take the second turn to continue on Third Street, which becomes College Avenue. At the top of hill, take the first left (McCartney Street) to the first stop sign (High Street). Turn left. Go 1½ blocks and take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle.

From Providence, New Haven, Southern Connecticut, Northern Westchester
- I-95 South (New England Thruway) to
- I-287 (Cross-Westchester Expressway) west to junction with
- I-87 (New York Thruway) across Tappan Zee Bridge (north and upstate) to Exit 15 at Suffern
- I-287 south to
- I-78 west to Exit 75.

Take a right turn onto Morgan Hill Road. At the stop sign, continue right onto Old Philadelphia Road. Take a slight left onto St. John Street, and continue on North Third Street through several traffic lights up to the traffic circle. Take the second turn to continue on Third Street, which becomes College Avenue. At the top of hill, take the first left (McCartney Street) to the first stop sign (High Street). Turn left. Go 1½ blocks and take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle.

From Albany, Mass., Berkshires, Vermont
- I-87 (Thruway) south to Exit 15 at Suffern
- I-287 south to
- I-78 west to to Exit 75.

Take a right turn onto Morgan Hill Road. At the stop sign, continue right onto Old Philadelphia Road. Take a slight left onto St. John Street, and continue on North Third Street through several traffic lights up to the traffic circle. Take the second turn to continue on Third Street, which becomes College Avenue. At the top of hill, take the first left (McCartney Street) to the first stop sign (High Street). Turn left. Go 1½ blocks and take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle.
From Central & Western New York State
- I-81 South toward Binghamton
- Take Exit 187 and merge onto US 6 east
- US 6 east becomes I-380 south
- Take Exit 1 and merge onto I-80 east towards Stroudsburg
- Take Exit 302A and merge onto PA 33 south
- Exit onto 191 toward Stockertown/Nazareth.

Turn left onto Industrial Boulevard, then right to Main Street. Continue straight onto Sullivan Trail, then Knox Avenue. Turn right onto Cattell Street and right to High Street. Go 1½ blocks, take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle Hall.

From Northern Long Island and New York City
- Via George Washington Bridge
- I-80 west to Exit 43 at Parsippany
- I-287 south to
- I-78 west to Exit 75.

Take a right turn onto Morgan Hill Road. At the stop sign, continue right onto Old Philadelphia Road. Take a slight left onto St. John Street, and continue on North Third Street through several traffic lights up to the traffic circle. Take the second turn to continue on Third Street, which becomes College Avenue. At the top of hill, take the first left (McCartney Street) to the first stop sign (High Street). Turn left. Go 1½ blocks and take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle.

Via Lincoln Tunnel
- I-95 (New Jersey Turnpike) south to Exit 14
- I-78 west to Exit 75.

Take a right turn onto Morgan Hill Road. At the stop sign, continue right onto Old Philadelphia Road. Take a slight left onto St. John Street, and continue on North Third Street through several traffic lights up to the traffic circle. Take the second turn to continue on Third Street, which becomes College Avenue. At the top of hill, take the first left (McCartney Street) to the first stop sign (High Street). Turn left. Go 1½ blocks and take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle.

From Southern and Eastern Long Island
- Via Verrazano Narrows Bridge
- I-278 west across Staten Island to
- New Jersey Turnpike (I-95) north to Exit 14
- I-78 west to Exit 75.

Take a right turn onto Morgan Hill Road. At the stop sign, continue right onto Old Philadelphia Road. Take a slight left onto St. John Street, and continue on North Third Street through several traffic lights up to the traffic circle. Take the second turn to continue on Third Street, which becomes College Avenue. At the top of hill, take the first left (McCartney Street) to the first stop sign (High Street). Turn
left. Go 1½ blocks and take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle.

**From Wilmington, Baltimore, Washington**
- I-95 north to PA Exit 7 onto
- I-476 north (formerly Northeast Extension PA 9) to Exit 56 (Allentown/Rt. 22)
- US 22 east to 4th Street Exit, Easton (marked for Lafayette College)

At the foot of the ramp, turn left and then left again at the first stop light (Third Street, then College Avenue). At the top of the hill, take the first left (McCartney Street). Turn left at the first stop sign (High Street). Go 1½ blocks, take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle Hall.

**Alternate Route from Washington**
- I-95 north to Exit 7 and
- I-695 north to Exit 24 and
- I-83 north to Harrisburg and
- I-81 north to
- I-78 east to Exit 51 and
- US 22 east to 4th Street Exit, Easton (marked for Lafayette College)

At the foot of the ramp, turn left, and then left again at the first stop light (Third Street, then College Avenue). At the top of the hill, take the first left (McCartney Street). Turn left at the first stop sign (High Street). Go 1½ blocks, take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle Hall.

**Alternate Route from Baltimore**
- Begin at I-83 north above.

**From Center City Philadelphia**
- I-476 north (formerly Northeast Extension PA 9) to Exit 56 (Allentown/Rt. 22)
- US 22 east to 4th Street Exit, Easton (marked for Lafayette College)

At the foot of the ramp, turn left, and then left again at first stop light (Third Street, then College Avenue). At the top of the hill, take the first left (McCartney Street). Turn left at the first stop sign (High Street). Go 1½ blocks, take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle Hall.

**From the Midwest and Western PA**
- I-80 east to
- PA 33 south to
- US 22 east to 4th Street Exit, Easton (marked for Lafayette College)

At the foot of the ramp, turn left, and then left again at first stop light (Third Street, then College Avenue). At the top of the hill, take the first left (McCartney Street). Turn left at the first stop sign (High Street). Go 1½ blocks, take the second right to the parking deck, located behind Markle Hall. The Admissions reception area is on the first floor of Markle Hall.
Parking on Campus
When entering the campus by High Street, please bear right just before Markle Hall (building on right with Admissions banners) into the parking deck behind Markle Hall. There is also visitor parking available on High Street in front of Markle Hall. In addition, there are 55 handicapped parking spaces throughout campus.

Hotel – Lafayette Inn
A charming hotel and bed & breakfast located just blocks from Lafayette College Campus.
525 W Monroe St
Easton, PA 18042-1737
Phone: (610) 253-4500
Email: info@lafayetteinn.com

Link to Campus Map (also provided below)
Live. Learn. Lead. Lafayette is a national leader in graduation rates, undergraduate research, global experiences, and graduate and mid-career salaries. We surpass the norms in so many areas because all of our resources are devoted entirely to undergraduates. For this diverse student, there could be no better platform than Lafayette to find one's way forward into society and the world.

Learn more at www.lafayette.edu.

Campus Visit. Tour our beautiful, historic, high-tech campus and sit in on a group information session to get a great overview of Lafayette, including the many opportunities our students have to work closely with our incredible faculty. Campus visits consist of tours led by one of our Student Ambassadors and an information session. Campus visits are offered Monday–Friday, except during vacations and holiday seasons, and most Saturdays during the summer and academic year. Tours follow Saturday information sessions. For more information and to register for a campus visit, please go to www.lafayette.edu/visit.

Interviews. We strongly encourage you to schedule an on-campus interview. There is no better way for us to learn about you and all the ways you can contribute to our campus community. This is especially true for applicants seeking merit-based scholarships. On-campus interviews are scheduled on a semester-by-semester basis through January. For more information and to schedule an appointment, please visit www.lafayette.edu.

Getting Here

Lafayette is just off Route 23 in Easton, Pa. Take Delaware Riverfront Cemetery (Pennsylvania Turnpike) to I-95.

BY CAR:
From Route 273, take exit 7B to Easton. After the bridge, take the second exit (towards Center and Lafayette College). At the end of the ramp, turn right onto North Third St., which becomes Lafayette Ave., upon reaching Seventh St. Turn left and follow directions below for entering the campus.

BY BUS:
From College Ave., take the first left onto McConkey Dr., proceed to the left stop sign at the intersection of McConkey and High St. Turn right onto High St. and drive for 1.2 blocks. Turn right again, which is the entrance to the parking deck located behind McConkey Hall. The derision one recognition amasses the first floor of McConkey Hall.

BY AIR:
Flights are served by Lehigh Valley International Airport, 3 miles from campus via Route 223. There are many flights on Route 30, I-476, and I-81.

Picture showing the back entrance to Acopian Engineering Center. This entrance is the closest to the visitor parking lot, Markle Parking Deck.