



Mobility Solutions

Foster a multi-modal culture and prepare for future changes to the mobility ecosystem by providing an array of mobility services and solutions that reduce single occupancy automobile dependence, promote health and wellness, and support the long-term University vision and master plan.





Mobility Solutions - Goals

- Develop and promote incentives for student and faculty use of alternative transportation options (walking, biking, public transportation, car sharing, carpooling, commuter parking).
- Foster shared demand-responsive services to provide flexible mobility options that match customers' particular needs.
- Partner with the public and private sector to deliver various transportation, carpool and ridesharing options (LANTA/LYFT/Enterprise).
- Creating a new accessible shuttle service to assist in providing access to buildings with significantly improved headway times.



Technology & Advancements

- Uber and Lyft have supported the ‘car-free’ lifestyle for our students and resulted in trends showing decreasing parking permit sales for student residents.
- Learning to leverage technology to promote alternative transportation modes (LANTA, LU Transit, Bike Share, Car Share, Van Pool, Car Pool and more) can help change the culture of transportation at Lehigh over the next 10 to 20 years for the entire Lehigh Community, not just residential students.
- Technology also changes how we work and communicate. “How Lehigh Works” is an initiative that we consider part of Connections.

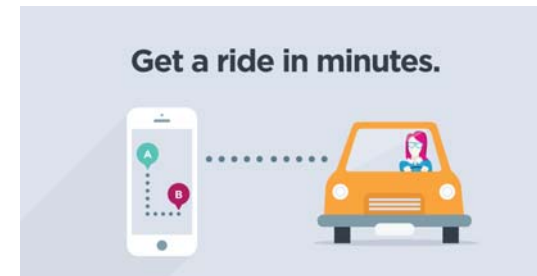
Student On-Campus Permits
Based upon total of 1,544 Parking Space Supply
in Student Parking Permit Zones

Academic Year	Permits Issued
2012-2013	1089
2013-2014	1017
2014-2015	987
2015-2016	992
2016-2017	931
2017-2018	850





On-Demand Transportation Service



The University is working with Lyft to develop a pilot program to provide an on-demand transportation service to the Lehigh University community.

Departments or other organizations within the Lehigh University community may sign-up for an account promotion code through the Parking Services Department. These codes will allow the designated users of the promotional code a ride generated on-campus to any other campus location up to a maximum of \$5. The code can be limited to specific users (through use of Lehigh University email address) or to groups through distribution of a code. If the ride exceeds \$5, the user will be responsible for the balance. Eligible trips must originate within campus boundaries. Current Departments signed up for this program include:

Architecture, Art and Design (AAD) (PILOT)

Students must sign up their email address with AAD to participate in this program. Eligible hours for this program are from 2 AM to 7 AM and are intended for trips from Mountaintop Campus to their residence at hours when the Lehigh Transit System is not in operation. A group code will be issued to AAD eligible students.

Commuter Lots (PILOT)

Faculty, staff, on-campus vendors, part-time wage employees, and research assistants, graduate assistants and teaching assistants who utilize the Commuter Lots are eligible for this program if they have an Evening and Weekend Permit. This program is intended to supplement the Lehigh Transit System while bus service is not in operation or when Commuter Lot users have a direct access need such as doctor's appointment, early-school dismissal for children, etc. Two (2) one-time use codes will be issued to Remote Parkers.

Codes will be issued as a one-time use code or as a repetitive group code for a group of users. If a group code is issued, you must have a valid Lehigh University email address.





Ride LANTA for Free!

Did you know that anyone with a valid Lehigh University ID can ride LANTA for free?

LANTA Routes Accessible via New Street

Route	Destinations	Transit Hub Connections
102	Allentown, Dorney Park, LV Hospital Cedar Crest, Cedar Point Shopping Center	Bethlehem Transit Center & Allentown Transit Center
103	Sands Bethlehem, Mountainville Shopping Center, Lehigh Valley Mall, Walmart, Cherry Square	Allentown Transit Center
105	North Bethlehem, Hellertown, Lehigh Valley Mall, LVHN Muhlenberg	Bethlehem Transit Center
108	North Bethlehem, Fountain Hill, Bethlehem Square (Home Depot & Walmart)	Bethlehem Transit Center
212	Route 33 Park and Ride, St. Luke's Anderson Campus, DeSales University (Easton), Freemansburg, North Bethlehem, Fountain Hill	Bethlehem Transit Center

LANTA Routes Accessible via the Bethlehem Transit Center

Route	Destinations	Transit Hub Connections
215	North Bethlehem, Sands Bethlehem, Lehigh Valley International Airport, Hellertown, Saucon Valley Manor, LVH Muhlenberg, Westgate Mall	Bethlehem Transit Center
327	Crayola, Bethlehem Square (Home Depot & Walmart), North Bethlehem	Bethlehem Transit Center
605	Sands Bethlehem, City Hall, Historic Bethlehem, SouthSide- east	Bethlehem Transit Center





Ride LANTA for Free!

- For traveling to campus, faculty and staff can utilize the Lehigh Valley's LANTA (Lehigh and Northampton Transit Authority) public transportation service.
- Lehigh University and LANTA have an agreement to offer free rides to Lehigh University students, faculty, and staff.
- Using a valid Lehigh University Identification Card, passengers can present the card upon entering the LANTA bus. Fare boxes have been configured to recognize Lehigh University identification cards.
- For more on LANTA routes, visit www.lantabus.com.



Transit System Orientation for Students and Faculty/Staff

- Transportation Services will be hosting Transit System orientation events. **More information on dates to come!**
Ride the bus and learn the routes
- Ask questions
- Learn about other programs LU offers to support Transportation around campus!



BeWell Points for Frequent Riders on the LU Transit System



- Did you know that you can earn BeWell points for riding the bus?
- For every day you use the bus earn 2 BeWell points!
- 25 days of trips = 50 BeWell Points
- Log trips using the app: **More Information to Come!**
- Track your points on lehigh.mywellmetrics.com

Earn Cash Back,
Get a Free FitBit
or check out other
rewards available!



LEHIGH
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Ridesharing and Carpooling

Zimride ridesharing services will no longer be available as of November 1, 2020. Transportation and Parking Services, in partnership with the Office of Sustainability, is currently working on sourcing a new ride matching platform that meets campus needs. Please stay tuned for updates.



- WHERE: Butz Plaza (*in front of EWFM Library*)
- WHAT: This event is designed to promote more walkable communities and provide education on the many alternatives to single-occupant vehicles.
- Lehigh University offers a number of alternative transportation options for students, faculty, and staff, and we look forward to this event each year to remind you of the many opportunities to establish our campus as a more walkable, sustainable, and healthy community.
- This year we have planned a number of Car-Free Day events to bring the community together and promote alternative forms of transportation. Those who sign up will get to participate in a VIP breakfast offered by Student Auxiliary Services!
- Throughout the day, stop by Butz Plaza to check out all of the alternative transportation options available and find out more that you can do to make Lehigh a car-free campus. We will have vendors there to answer your questions and we'll also have some fun activities and a prize drawing including a **grand prize of a new bike**, as well as other prizes.
- We hope to make this Car-Free Day our biggest one yet! Sign up at sustainability.lehigh.edu/car-free-day-0 to make the commitment to going completely car-free on September 20.



Environmental Benefits

You Hold the Keys to Healthier Air!

Share The Ride

In addition to helping reduce traffic congestion and cleaning up our air, carpooling can save you up to \$1,500 a year by lowering your gasoline bills, insurance costs, and car maintenance. It's also a great way to reduce the stress of your daily commute as carpoolers can choose to read, sleep, or chat when they're not behind the wheel.

Try Public Transportation

The [Lehigh and Northampton Transportation Authority's Metro system](#) (LANTA) is a network of 35 fixed bus routes throughout the Lehigh Valley, providing daily, later evening, and weekend services. More than 380,000 people live within walking distance of a Metro route.

- Each year it's estimated that households that use public transportation save over \$1,399 worth of gas.
- Public transportation use saves the equivalent of 300,000 fewer automobile fill-ups every day.
- By reducing smog-producing pollutants, greenhouse gases and by conserving ecologically sensitive lands and open spaces – public transportation is helping to meet national air quality standards.

Bike to Work

Believe or not, by biking just 4 miles you can keep 15 pounds of pollutants out of the air while enjoying some good cardiovascular exercise. Find out how you can help your employer become a [Bicycle Friendly Business](#) and be sure to participate in [National Bike to Work Day & Week](#).



Bicycle Rack & Bicycle Storage

- Do you want to see a bicycle rack located outside your office/building? Contact Transportation Services to request a location.
- Bicycle Rack and Bicycle Storage options are being added throughout campus.
- Stay tuned for more information on locations!



Roadway Renaming

- You will be seeing changes to Lehigh University's roadway network over the next 8 years.
- Roadway names throughout campus that cause confusion or are broken up (i.e. University Drive, Memorial Drive, Sayre Drive) will be improved to reduce confusion.



Connect LANTA to Saucon Village

- Transportation Services is actively working with LANTA to connect our Saucon Village bus stop to their regional system.
- Want to help? **Write a letter of support!**



Long Term: Convert Bus Fleet to Compressed Natural Gas

- CNG – Why its Green
 - Compressed Natural Gas (CNG) is one of the cleanest fuels for our environment. CNG can reduce carbon dioxide or CO₂ emissions up to 30 percent and toxic pollutants by up to 90 percent.
- Transportation Services' Long Range Plan is to replace their diesel powered fleet with CNG.
- But first, we need a CNG filling station. Plans are underway to secure a site to be shared with LANTA.