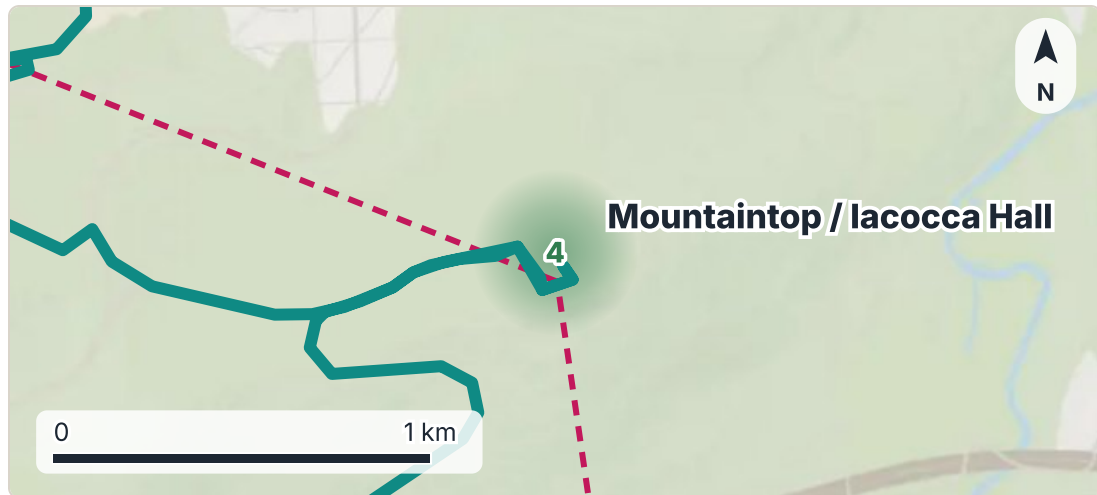


Mountaintop / Iacocca Hall

Innovation campus · gondola angle station option · near a proposed garden · geology space

Typology: Mountain / innovation

Planning phase. An independent plan; nothing is funded or built yet.



— Connect Spine (Phase 1) — River Line (Phase 1) - - - Dashed: options and if-demand links - - - Gondola option
 — LANTA EBS today
 Shaded area: a station area or evaluated destination on Lehigh, hospital, casino or private retail land, not a site

WHY HERE

Mountaintop sits about 180 m above Goodman. The Spine bus serves this stop from day one; a gondola could make the climb in about 6 minutes per section if studies support it.

PROGRAM IDEAS (PLANNING PHASE)

- Heated waiting room and snow-melt at the platform edge
- Gondola angle station (option)
- Near Mountaintop Discovery Gardens, a separate student-initiated garden idea (not sponsored or endorsed by Lehigh University; it includes no transit or museum parts)
- Above-ground or earth-sheltered geology learning pavilion at the station, with rock cores and a rock garden of local stone (no mined underground museum); separate from the garden
- Trail links to Lehigh's Forest Park

Every station also gets the station kit: level boarding, shelter, lighting, real-time screens, bike racks, a rain garden and a sorting point for recycling, compost and trash.

MEASURED HERE

Lines	Connect Spine — electric BRT
Elevation	275 m (USGS 3DEP)
10-minute walk	33 ha · 12 buildings · 57 places
LANTA today	No LANTA trips within 400 m in the 2022 timetable
Future train access	From Mountaintop / Iacocca Hall, about 9 minutes on Bethlehem Connect to the rail-ready stop at Farrington Square.

THE STATION AREA

The stop would be a Spine bus platform, with a gondola angle station as an option. Both would need Lehigh's agreement. Mountaintop Discovery Gardens is a separate, student-initiated idea with its own status; this plan does not show or assume its design.

WHAT EXISTS TODAY

- No LANTA trips within 400 m in 2022 timetable data; Lehigh shuttles serve the campus.
- Lehigh's Forest Park opened its first public trail on 22 April 2026.

STILL UNKNOWN

- Lehigh's agreement on siting and stewardship
- Winter wind and ice exposure
- Bus-bridge plan for gondola wind or lightning holds