The 80,000-square-foot, five-story building, named for Harry and Jeanette Weinberg opened in 1992. The facility includes a variety of seating choices including 94 computer workstations, large tables, soft seating, individual study space, group study rooms, quiet study areas, and the Heritage Room, a large reading room on the fifth floor overlooking the campus. Three areas are available by card swipe 24/7:

- The Reilly Learning Commons, which includes lecture capture facilities, podcasting space, high-end computing, 6 Macs, a 3D printer, a Writing Center Satellite, and reservable group study rooms.
- The Pro Deo Room, which includes a computer lab, café seating, and a 46-inch touchscreen table PC.
- The Second Floor, which includes a computer lab, group study rooms, large tables, study carrels, Reference materials and Periodicals.

There are 15 laptops and 7 IPads available at the Circulation Desk for loan to students. Throughout the building, there is wireless access to the Internet including wireless printing. The Java City Café on the first floor provides hot beverages, smoothies, sandwiches, salads, soup, and snacks most hours the library is staffed during the fall and spring semesters. Food and drink may be consumed throughout the building.

In 2020, Library holdings of 1,063,623 volumes included: 331,245 print books; 629,484 electronic books; 76,327 bound journal volumes, and 26,567 volume-equivalent microforms. The Library has 69,854 unique journal titles in print and electronic subscriptions. The Media Resources Collection, located on the third floor, holds 23,688 non-print items and provides access to 116,159 streaming media programs. The University Archives and Helen Gallagher McHugh Special Collections, located on the fourth floor, houses the University's historical records, rare books, faculty publications, and other special collections. The library's Digital Collections are available at http://digitalservices.scranton.edu/. In addition to the Library's own collection, books are available for direct borrowing through PALCI (Pennsylvania Academic Library Consortium Inc.) E-Z Borrow, and journal articles may be requested through Interlibrary Loan. Special services for delivery of materials are available for distance learners.

134 electronic databases are accessible on the Library’s website. A proxy server provides remote access to databases and full text documents for those who are off campus. Research & Scholarly Services are available in-person on the second floor, and can also be reached by calling 570-941-4000, by texting 570-687-8787, by emailing asklibrarian@scranton.edu, or online via the Ask a Librarian chat box located on the Library homepage. The online Ask a Librarian chat box is staffed 24/7 and is conducted live. The Library also has a robust Information Literacy Program that instructs students in information discovery, evaluation, and use. Students can visit the Research Services Desk or call 570-941-4000 to schedule an appointment with a librarian. Faculty are encouraged to schedule information literacy instruction sessions for their classes by going to https://www.scranton.edu/academics/wml/infolit/instruction.shtml.

Library hours are posted on campus and on the Library's website. The building is staffed 95.5 hours per week, with extended hours during exam periods. For information about the Library, its services, and resources, see the Weinberg Memorial Library homepage at http://www.scranton.edu/library. To find out what's new in the Library, visit http://sites.scranton.edu/library.