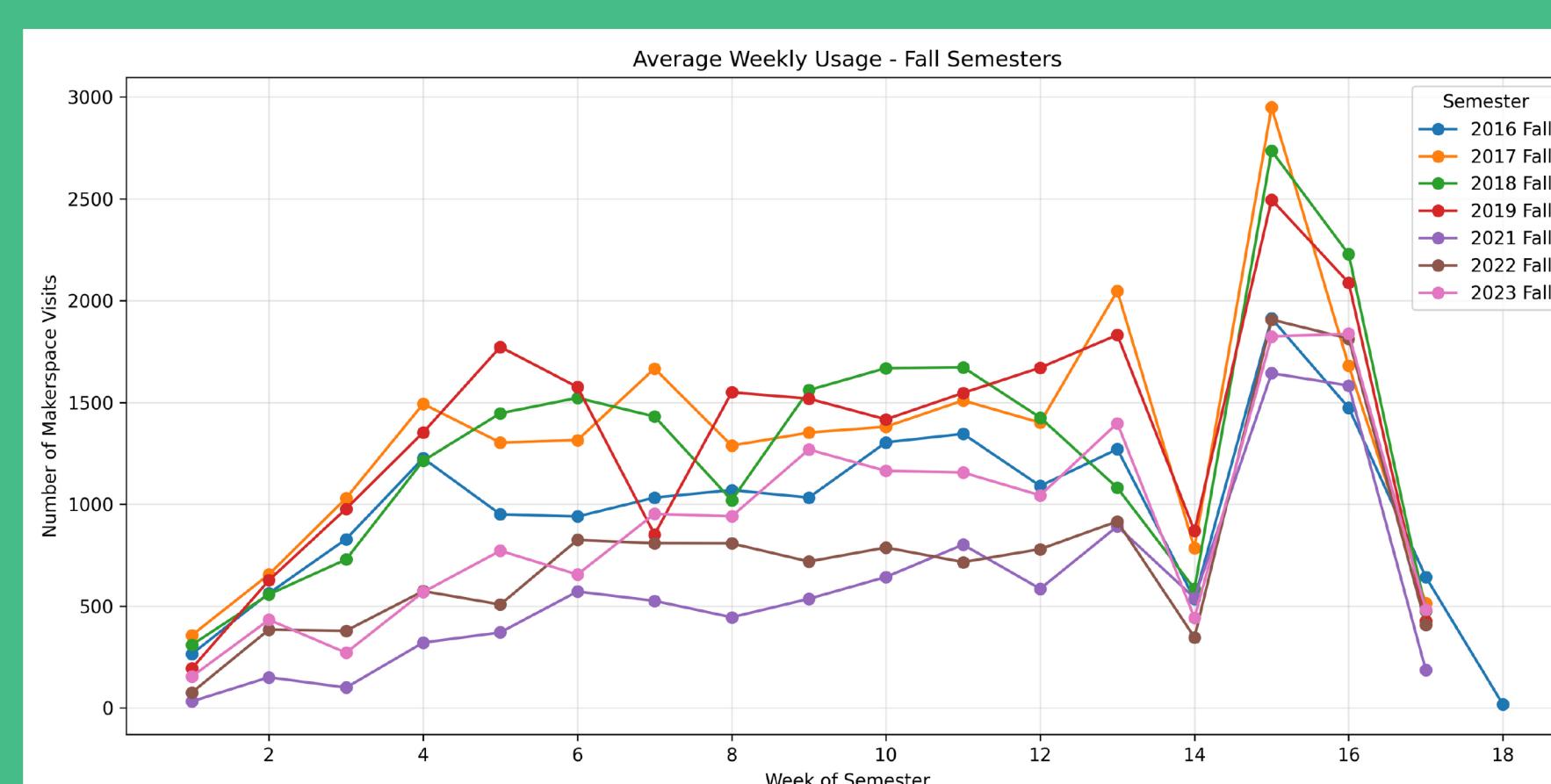
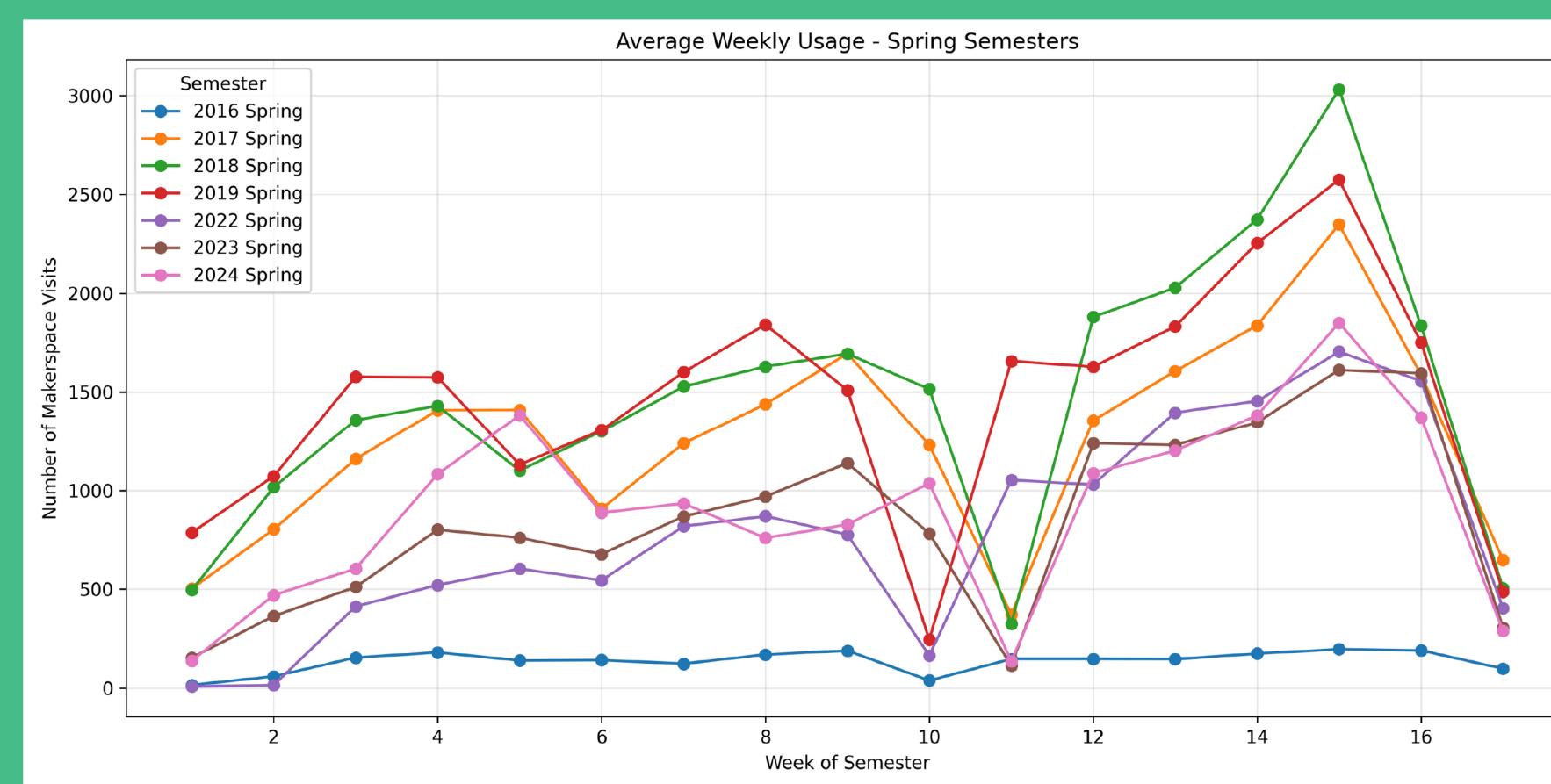


# BUSY WEEKS, POPULAR EQUIPMENT, & WHAT TO DO ABOUT IT

Erik Sandall, UC Berkeley

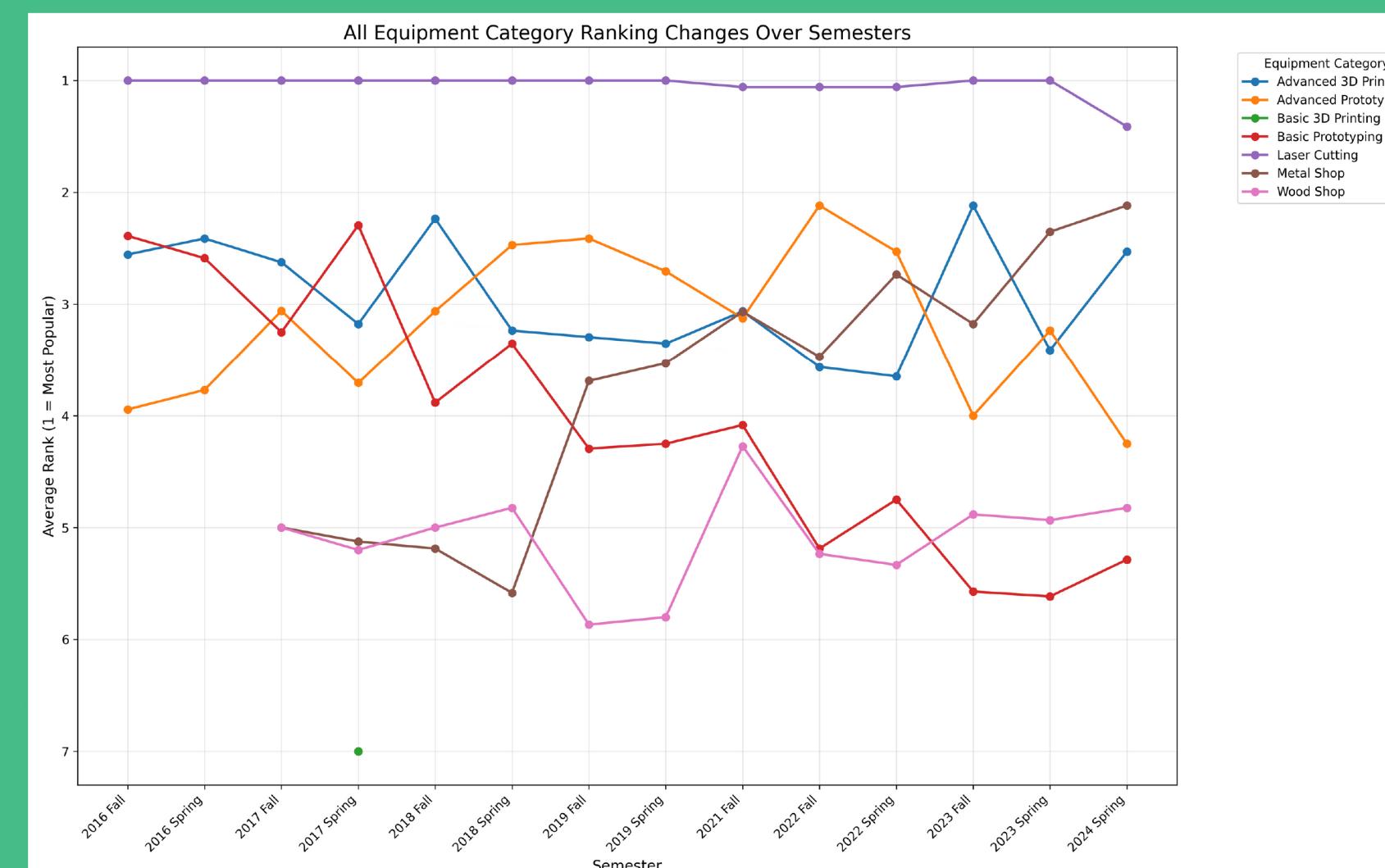
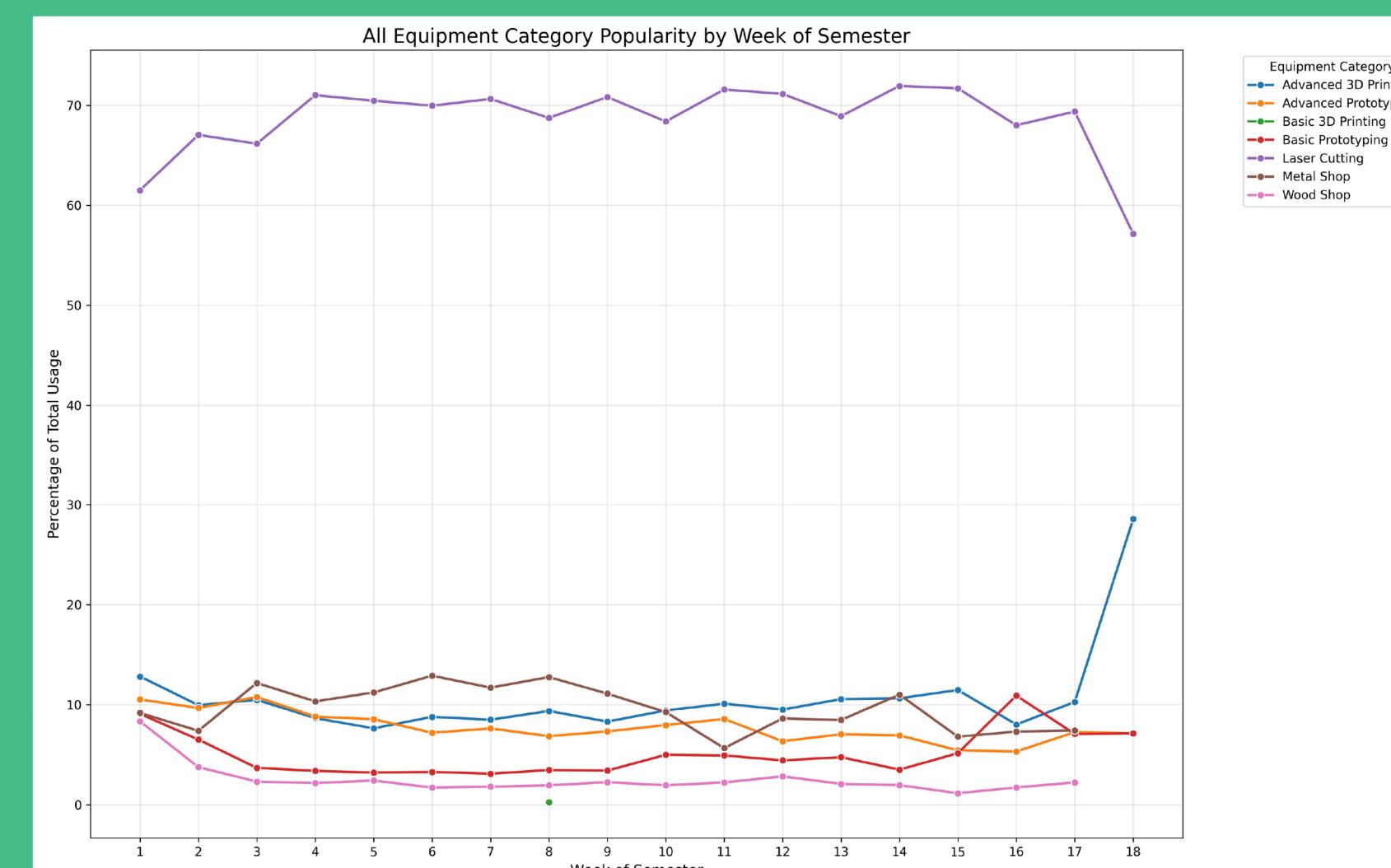
## OVERALL USAGE TRENDS

- Makerspace activity follows a predictable arc each semester.
- Usage starts low, climbs steadily, and **peaks in Week 15**.
- After Week 15**, activity drops off almost immediately.
- Fall** semesters consistently show higher overall usage than Spring.
- Dips in usage correspond with holiday weeks (Spring Break and Thanksgiving).
- These patterns repeat across **9 years of data**, semester after semester.



## EQUIPMENT POPULARITY

- One category, **Laser Cutting**, accounts for most equipment usage. It is the top category across all semesters.
- Advanced 3D Printing** and **Metal Shop** follow, but at much lower levels.
- Usage by equipment type stays steady throughout the semester with no strong weekly peaks.
- Popularity rankings are consistent across terms with little variation year over year.



## FROM DATA TO DECISIONS

- Plan for increased staff coverage during **Weeks 12–15**. These are the busiest weeks across all semesters.
- Schedule preventative maintenance for high-use tools **before peak weeks**.
- Prioritize **early-semester** training on tools with high usage to reduce demand for support when makerspace usage is at the highest.

