



Programs Strengths

- GIST began as a CTE discipline but we are actively integrating with transfer classes in disciplines across the campus such as Anthropology, Art, Biology, Business, Computer Science and Geography.
 - Transfer pipeline being built with SJSU, BS degree starting in 2022
- Active professional network and advisory board
 - Projected 7% annual growth in regional labor demand
 - Median income ~ \$47,000; Provides 'pay bump' for specialized workers
- CTE students are older, most working part or full time, making access to campus challenging
 - Transitioned to 100% online in 2018, resulting in 2016-2020: 125% increase in headcount, 41% increase in census enrollment, 42% increase in productivity
 - Site license to cloud based software improved student access
 - Collaborations with ETS to build remote desktops for students to complete labs

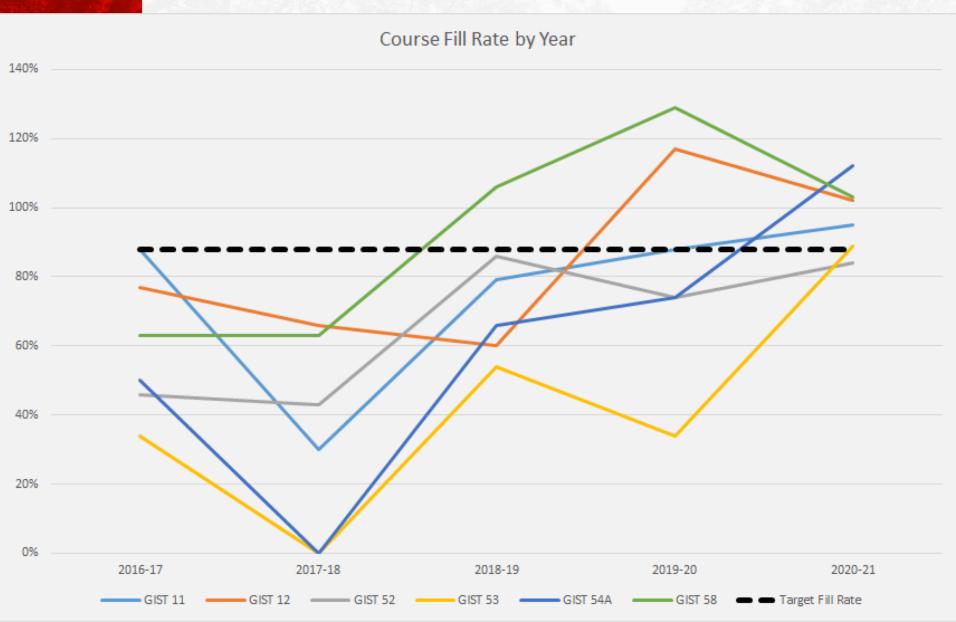


Programs' Actions for Improvement Identified

- Overall decline in success coincides with shift online
 - Disproportionately impacted 86% → 60% success
 - White & Asian 84% → 66% success
- Success among low income students significantly lower than college average
 - 45% success rate among low income in 2019-20
- Virtual desktops do not work well with poor internet connectivity
 - Working with ETS and the Garden to provide on-campus computer access
- Increase certificate & degree awards through collaboration with counseling to complete paperwork for awards
- Curriculum emphasizing how GIST is a tool of social justice;
 highlight diverse GIST professionals



Program Data





Resources Needed

- Support and collaboration from ETS & STEM
 Garden tutorial center for on-campus access to
 computers for lab work
- Support from counseling to increase degree & certificate awards
- Ongoing professional development for faculty to integrate up-to-date technology and build engagement with community social justice projects





Questions

