

HEAR- Higher Education Analytics Reporting

Lower student dropouts and increase engagement rates

The Problem

Due to the current circumstances, remote learning is far more prominent than traditional in-person classes. While this is a necessary move to protect both students' and teachers' health, this is likely a trend that will continue far past the pandemic. However, keeping students engaged with online classes and receiving the support they need from their instructors is difficult. Dropout rates are at an all time high, and engagement rates seem to be dropping daily.

Many online learning programs serve the purpose of hosting classes; however, they lack in providing any real analytics that give insight into student engagement.

Our Solution

Spyglass can help Higher Education institutions implement analytics reporting systems to aid in better understanding the overall engagement and learning patterns of students. We are able to seamlessly integrate with many learning management systems, like Blackboard or Nexus LMS, so that you can continue to utilize your current systems while receiving the analytics you need. We will connect your systems to Azure to build analytics around the information that your system already collects. By viewing these reports in a simple dashboard, institutions will be able to see crucial student patterns, engagement rates, and more.

Knowledge is power- set yourself up with all of the information you need to help your students and staff succeed!

Case Study

Spyglass worked with one higher education university, who operates primarily online, to improve their analytics reporting. We built a reporting system through Azure that was connected to Nexus LMS, their system of choice. This reporting allowed them to see crucial pieces of information to ensure students were remaining engaged and successful during remote learning. The below screenshots are examples of the dashboard we built for the university.

HEAR Analytics Reporting Covers:

- Sentiment analysis on instructor feedback
- Information around assignments
- Overall course review
- How engaged instructors and students are
- Student to instructor ratio
- Trending of grades
- Plus more- depending on what you want and need to see for your university!



SUMMARY STATISTICS



of Courses

302

↑ 14



of Instructors

200

↑ 12



of Students

6,000

↑ 125



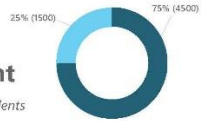
Instructor to Student Ratio

1:32

75 %

Student Engagement

Based on percentage of participating students



of Discussion Posts

2,640

↑ 85



of Student Discussion Posts

1,820

↑ 82



of Instructor Discussion Posts

820

↑ 13



Instructor Post to Student Post Ratio

1:12



of Announcements

2,545

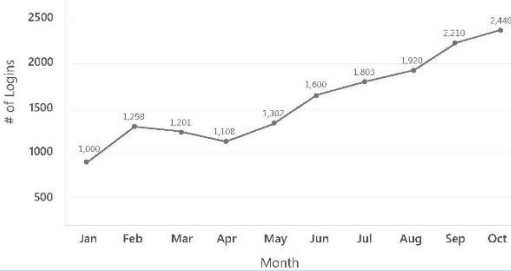
↓ 103



Days Since Last Announcement

6 Days

OF LOGINS BY PERIOD



OF POST BY PERIOD



TOP 10 ENGAGING COURSES

Course #	Student Engagement
CIS 120	75 %
CIS 213	72 %
CIS 216	67 %
CIS 222	65 %
CIS 337	62 %

EVALUATION AND POSTS



Total Submissions

6,978

↑ 205



of Ungraded Submissions

3,600

↓ 103



of Graded Submissions

3,378

↑ 125



Days Since Last Course Access Date

2 Days



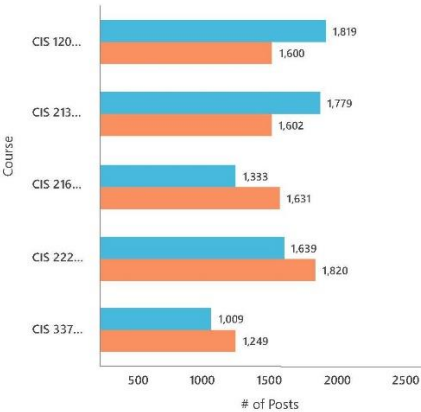
Oldest Ungraded Submission

Course ID: CIS 120

Jan 21, 2021

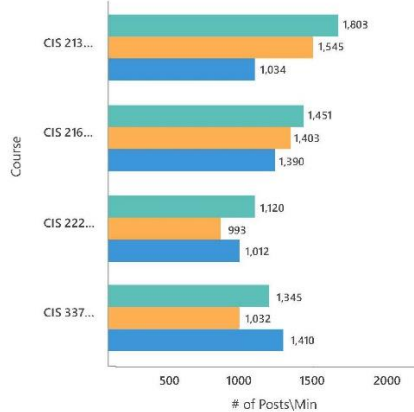
DISCUSSION POSTS BY COURSE

● # of Discussion Posts with Response ● # of Discussion Posts with No Response



ASK YOUR INSTRUCTOR POST BY COURSE

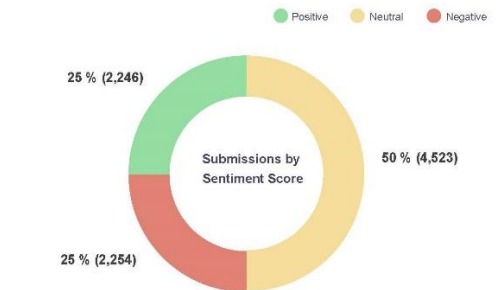
● Posts with Response ● Posts with No Response ● Average Response Time



FREQUENT FEEDBACK SENTIMENT

POSITIVE

SUBMISSIONS BY SENTIMENT SCORE



Spyglass MTG Can Help!

Contact us today to discuss how we can help your university use analytics reporting to improve engagement!

About Spyglass MTG

For over 15 years, we've closely partnered with Microsoft to bring their vast and expanding suite of enterprise solutions to our clients. We leverage proven methodologies, migration tools and expert consultants to architect, build, deploy, migrate to, and manage Microsoft solutions. Whether you are deploying or upgrading M365, implementing Azure, deploying Teams, building a SharePoint Site, developing a Security or Governance Model, designing a Modern Warehouse or BI Solution, or developing AI apps on the Power Platform, we can help!



Gold Collaboration and Content
Gold Cloud Platform
Gold Cloud Productivity
Gold Application Development
Gold Project and Portfolio Management