

# 1 Executive Summary

- Overall campus attendance remained **largely stable** across the academic period (Sep 2024 – Mar 2025), indicating consistent student and faculty engagement.
- A **noticeable dip in April 2025** is observed due to partial data availability and academic calendar effects.
- **Law** department consistently recorded higher attendance hours compared to other subjects.
- **Medicine and Science** departments showed relatively lower and more fluctuating attendance trends, suggesting potential scope for engagement improvement.
- A small group of **top-performing students** demonstrated exceptionally high and consistent attendance across all months.
- **Top teachers** exhibited stable month-over-month attendance, reflecting reliable academic participation and workload consistency.

## 2 Overall Attendance Trend



Figure 1: Monthly Attendance Trend

The overall attendance trend shows relatively stable engagement across most months. A noticeable decline in April is observed, which corresponds to partial data availability for that month. Seasonal academic patterns such as examinations and breaks may also influence these trends.

### 3 Subject-wise Attendance Analysis



Figure 2: Subject-wise Attendance Trend (Month-over-Month)

Attendance levels vary across subjects. Some departments consistently show higher engagement, while others exhibit moderate fluctuations. This insight can help academic planners identify subjects that may require intervention or revised engagement strategies.

### 4 Top 10 Students by Attendance

student_name	department	total_hours
James Davis	Law	1108.0333333611488
Jeffrey Mitchell	Arts	1064.3166668191552
Michael King	Arts	1010.849999986589
John Wright	Engineering	1004.9000000618398
Anthony Johnson	Science	969.3833332769573
Valerie Jones	Arts	958.2333333268762
Joshua Hamilton	Business	931.9666667170823
Samantha Collins	Medicine	659.0499999560416
Chad Jennings	Law	647.0166666917503
Anthony Rasmussen	Engineering	634.5833333171904

Figure 3: Top 10 Students Based on Total Attendance Hours

These students demonstrate exceptional consistency and discipline. Identifying such students allows the institution to consider recognition programs and to study factors contributing to their strong attendance behavior.

## 5 Top 10 Teachers by Attendance

teacher_name	subject	total_hours
Crystal Williams	Science	1148.6333333328366
Gina Pearson	Engineering	1139.1666667498648
Kathleen Savage	Law	1121.0833332762122
Shane Martin	Arts	1119.3833333216608
Tyler Bush	Engineering	1109.366666637361
Alejandro Baker	Law	1100.583333324641
Christopher Young	Business	1100.2333333343267
Elizabeth Page	Law	1097.8999999389052
Daniel Gates	Science	1097.6666666977108
Mark Hernandez	Engineering	1097.1000000312924

Figure 4: Top 10 Teachers Based on Total Attendance Hours

High attendance among faculty reflects reliability and strong academic commitment. These individuals can serve as benchmarks for faculty engagement and operational planning.

## 6 Students with Lowest Attendance

student_name	department	total_hours
Cynthia Dyer	Business	374.5333334058523
Eric Stewart	Business	390.1166666485369
Megan Rodriguez	Business	393.8166666403413
Marilyn Goodman	Medicine	395.300000064075
Jim Ross	Engineering	397.2999999001622

Figure 5: Bottom 5 Students by Total Attendance Hours

## 7 Teachers with Lowest Attendance

teacher_name	subject	total_hours
Dalton Arnold	Law	887.96666662395
Charles Perry	Arts	928.3499999418855
Stephanie Newman	Science	935.0666666328907
Cheryl Griffith	Arts	936.3666666224599
Eric Harris	Law	937.449999935925

Figure 6: Bottom 5 Teachers by Total Attendance Hours

## 8 Teacher Month-over-Month Attendance Trend

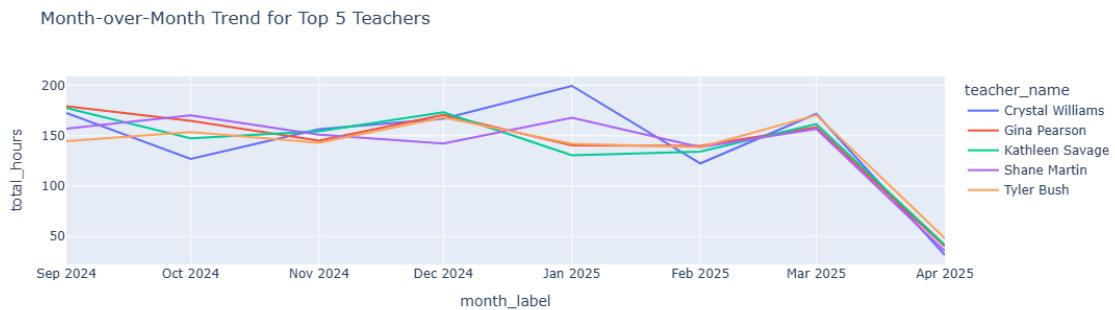


Figure 7: Month-over-Month Attendance Trend for Top Teachers

Month-over-month analysis highlights how teaching workload and schedules vary over time. While overall attendance remains consistent, small variations may reflect academic calendars, workload distribution, or institutional events.

*End of Report*