Academic Scheduling and Data Analytics Section Registration dashboard

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Welcome to ASDA!

This site provides insight into the credit schedule build and related institutional processes that rely on the timely delivery of an accessible and equitable course schedule for students and instructors.

Academic Scheduling and Data Analytics (ASDA), in collaboration with several Dallas College partners, develops scheduling management tools and processes to facilitate positive enrollment experiences for students and deliver relevant and reliable scheduling information to academic leaders and faculty to support their preparations for upcoming semesters. The result is a student-centric schedule that creates better outcomes for all stakeholders.

Academic Scheduling Partners	
• Academic Scheduling/Data Analytics (ASDA)	• Facilities Management
• Academic Leadership (Deans and Chairs)	• Human Resources
• Continuing Education (Workforce Advancement)	• Information Technology
• Curriculum Processing	• Special Programs *(Emeritus, Honors, IncludED, YearUp, etc.)*
• Educational Partnerships	• Student Services

Together Academic Scheduling and its partners pursue the continued development and delivery of:

- *A student-centric course schedule with the adaptability to pivot toward contingencies and the flexibility to accommodate situational anomalies.*
- *Forward-looking processes that are cognizant of and adaptable to approaching industry shifts and institutional evolutions.*
- *An environment of heightened responsiveness to both urgent and commonplace issues that routinely occur within interdependent processes.*

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Objectives

- The audience will learn about the Data Analytics page, where the Academic Scheduling & Data Analytics (ASDA) department utilizes data visualization tools (PowerBi dashboards) to help school leadership make data-driven decisions regarding the student schedule.
- Today's session focuses on the course section registration dashboards.
- By the end of the presentation, participants will walk away with knowledge of how interactive dashboards can be applied to their own data-related communication objectives.

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Academic Scheduling & Data Analytics (ASDA) Dashboards SharePoint Site

- Link to the ASDA dashboard SharePoint site.
- Currently houses 30+ dashboards covering the following topics:
    1. Schedule Readiness
    2. Section Registration (Enrollment) Data
    3. Faculty Data
    4. Ongoing Projects
    5. Operational Resources
- **Note:** that the viewer will have to submit a one-time access request when viewing a dashboard for the first time. Some cases require approval from the requester's supervisor.
- **Important:** Students cannot access this site. To avoid confusion, please do NOT share links to the site with them.

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Section Enrollment Data

- Section Enrollment Data dashboards provide insight into course section numbers, section utilization and enrollment comparisons between semesters.
    - **Fall Enrollment Comparison & Monitoring**
        - Fall Semester Enrollment Comparison
        - Fall Enrollment Monitoring Dashboard
    - **Fall Rosters by Semester & Daily Enrollment**
        - Section Roster Lookup for Fall 2024
        - Fall Section Daily Enrollment Dashboard

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Schedule Management Application

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WED THU FRI

MON 5 TUE 6 WED 7 THU 8 FRI 9

Calendar

5 Monday 6 Tuesday 7 Wednesday

COPPELL

NORTH LAKE COLLEGE
WEST CAMPUS

BROOKHAVEN
COLLEGE

RICHLAND
COLLEGE

RICHLAND COLLEGE
GARLAND CAMPUS

NORTH

NORTHYVALE

LECROY
CENTER

ROWLETT

NORTH LAKE
COLLEGE

DFW
AIRPORT

635

30

IRV

DALLAS
COLLEGE

183

NORTH
SOUTH

SUNNYVALE

30

MOUNTAIN
VIEW
COLLEGE

DISTRICT OFFICE

EASTFIELD COLLEGE
PLEASANT GROVE
CAMPUS

MESQUITE

80

EL CENTRO COLLEGE
BILL J. PRIEST

BALCH SPRINGS

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Objectives

- The audience will:
  o Learn how a centralized Schedule Management Application standardizes and streamlines request workflows
  o See how the application improves transparency, accountability, and coordination across teams
  o Gain insight into how centralized data and reporting support more effective schedule management
  o Explore how Power platform can support large-volume scheduling environments across academic terms

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The Operational Challenge

- Lack of centralized request tracking
- Limited visibility into request status
- Difficulty coordinating across teams
- Need for standardized request submission

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Challenges and Goals

- Challenges
  - Managing 15,000 or more sections per semester
  - Multiple request types across different stakeholders
  - Limited visibility into request status and progress
  - Need for consistent and standardized request submission
- Goals
  - Centralize schedule-related requests in one platform
  - Improve transparency and request tracking
  - Enhance coordination across processing teams
  - Ensure data consistency and support scalable operations

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Allowed Modifications

Cancellations	Capacity	Clusters	Course Tags
Faculty Assignment	Delivery Mode	Hidden/Unhidden Status	Meeting Pattern
New Course Section builds	Overlaps	Public Notes	Locations

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Academic Scheduling & Data Analytics (ASDA) Dashboards SharePoint Site

- Link to the ASDA dashboard SharePoint site.
- Schedule Management applications are located under SM Apps Home – CREDIT COURSES tab
- **Note:** that the viewer will have to request access to use the applications.
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