Ad Astra

South Summit

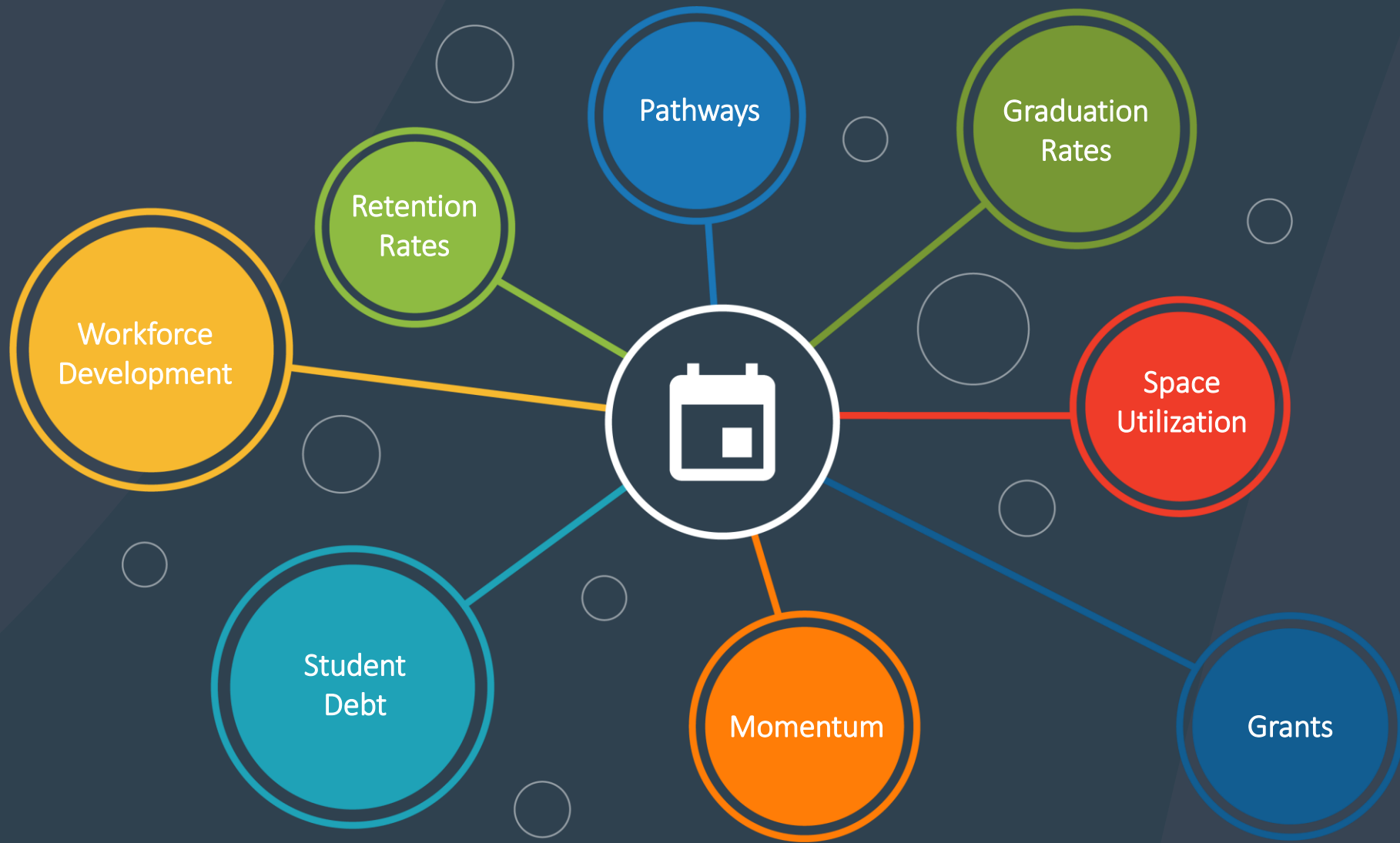*"Recipient of CCA's 2018 Technology Trailblazer Award"*

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South Institution Partners

We believe

A schedule that analytically predicts student demand will help an institution balance space, faculty, and time which helps create a better experience for students and increases student degree completion.

The Schedule is Complex

Reduces Cost   Increases Capacity   Increases Velocity

Pathway Design

Scope:
This service will help guide institutions through the process of creating pathway, analyzing them across the curriculum to ensure a successful implementation at scale.

Institution Benefit:
Institutions agree that pathways are important for student success but they often do not have the time or resources to complete a project quickly. This service can jump start the process and provide data to move this initiative forward.

Deliverables:

- Provides a framework to define and facilitate the implementation of pathways for each degree program offered, including meta major interest areas.

- Share Essential Elements and Best Practice:

- Data Requirements and Catalog requirements

- Guidance on Pathway Design and Templates

- System Support and Integration

- Alignment with existing scheduling practices

- Prerequisite and corequisite requirements

- Milestone course or actions required

- Review of transfer/dual enrollment courses and impacts on pathways

- Cross-discipline evaluation of course demand to fulfill pathway requirements

Strategic Scheduling Assessment

(Readiness Assessment)

Scope:

Provides a deep dive into all aspects of scheduling on campus. Reviews important components of the scheduling process and provides recommendations for improvements.

Institution Benefit:

Institutions who need an in-depth evaluation of scheduling practices or who are not yet ready for a PA implementation – possible first step.

Deliverables:

- Strategic Scheduling Checkup (if not already completed)
- Consultants will help lead an onsite assessment with schedule stakeholders -- Senior Leadership, Registrar's Office, Deans/ Associate Deans, Schedulers, Information Technology, and Students – Town Hall (if desired)
- During an onsite visit, critical components of the scheduling process will be covered (Ecosystem – systems implemented or planned, strategic Plan, pain points for scheduling, culture, scheduling policies and practices, courses, curriculum changes, pathways or meta-majors, advising, campus capacity, etc.)
- The service deliverable includes an executive summary of findings and key points of emphasis to improve scheduling on campus
- Follow up visit within 6 months

Degree Velocity

Scope:

Service allows institutions to look at patterns of completion and current degree velocity. Additional curriculum elements can be reviewed to determine if minors, second majors, etc. have a significant impact on time to degree. Pinpoints bottlenecks to degree velocity and provides recommendations to improve time to degree.

Institution Benefit:

Institutions who need additional insight for improving student degree velocity -- information on moving the needle relative to student success by looking at real-time indicators to allow for additional intervention.

Deliverables:

Degree velocity analysis will be conducted during the engagement and includes:

- Review of relevant topics
    - current time to completion (by pathway, program, department, and college)
    - current degree velocity
    - planned curriculum changes
    - enrollment projections/program capacity
    - prerequisite and corequisite requirements
    - Milestone course or actions required
    - transfer/dual enrollment courses and impacts on pathways
    - Cross-discipline evaluation of course demand to fulfill pathway requirements
- Executive Summary of Findings will be presented.
    - Recommendations to promote expedited time to completion and velocity
    - Identification of top bottlenecks to completion
    - Analysis overview

Momentum Year Benchmarking & Analysis

- Scope:
  Institutions need to be able to track Momentum Year data to help guide students to a productive path, get on that path, and build velocity in the direction of their goals. "Data shows that time, not tuition is the enemy of college completion."

- Institution Benefit:
  Often, institutions do not have unbiased views into first year achievement. The service provides insight into the connection of first year achievement, retention, graduation and financial impact.

Deliverables:

- Momentum Year intervention strategies
  - Provide waypoints (spring term registration and summer term registration) that allow an institution to intervene and get students on track
  - Provide student specific data on at-risk students to tailor communications

- Benchmark Momentum Year metrics
  - Compare metrics within a single institution/dept/program/pathway
  - Compare metrics across institutions
  - Momentum Year Metrics include completion of:
    - Core English
    - Core Math
    - Nine Credits in the Students academic focus area
    - 30 credits in their first year

Critical Mass Analysis

Scope:
This service leverages student cohorts and pathways to allow institutions to understand and manage critical mass of enrollments. Benchmarking focuses on program, cohort and course-level critical mass. Intervention strategies allow institutions to increase critical mass, and mitigate low-enrollment offerings.

Institution Benefit:
Institutions are faced with lose-lose decisions when managing low-enrollment programs - especially required courses within those programs. Not offering these required courses, or cancelling them, can delay program completions. Offering them every term guarantees that they will have to be subsidized by 'healthier' offerings. This service provides a planning framework to proactively manage these programs and courses.

Deliverables:

- Framework to benchmark programs, cohorts within programs, and required courses for critical mass of enrollments. Critical mass is a simple, but powerful planning proxy for enrollments per major term.

- Framework to intervene, and increase critical mass, in some or all of the following ways:
  - Cohorts of low-enrollment programs (e.g., day v. evening, on campus v. online, etc.)
  - Structured scheduling for required courses:
    - Block scheduling in alternating terms
    - Pre-registration to increase predictability
  - Assess potential introduction new programs and/or new courses

- Onsite delivery (or remote)

- Executive Summary and Analysis Results

Capacity Analysis

Scope:
Service evaluates current space allocation and scheduling practices along with projections for enrollment and any additional space coming online

Institution Benefit:
This service is for institutions who are out of space, feel out of space, or expect to be out of space in the near future. The service provides intervention options and guidance for the size and types of spaces that may be needed to accommodate the institutional needs.

Deliverables:

- Strategic Scheduling Check up (if not already completed)

- Reviews Scheduling Policy/Guidelines

- Enrollment Trends

- Reviews Planned Building and Classroom Inventory Changes - Evaluate Need for 'Swing Space' during construction projects

- Review Strategies that Impact Space Utilization (Off-grid Waste, Ability to 'reclaim' space due to scheduling practices, Course Offering Review, Review sections offered in 'Prime-time' to space opportunities)

- Review Course Enrollment versus Classroom Capacity for opportunity

- Review Prime-time Compression and opportunities to spread the schedule for more effective space utilization

- Any additional review based on Client Needs

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Questions?