Digital Innovation & Infrastructure Division Update

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Chancellor’s Office Digital Innovation & Infrastructure Division
Restructuring / Rebranding

- Digital Innovation and Infrastructure (DII) formerly Technology, Research and Information Systems (TRIS) division
  - Strategic Projects (formerly Telecommunications and Technology unit)
  - Research and Data Analytics (formerly Research Unit)
- Search continues for new division Vice Chancellor
Updates

• **Metrics Simplification** – next webinar: April 30 at 10:00 a.m.
• Proposed New Funding Formula
• Technology Priority Projects
• MIS Update
• Scorecard 2018 Final Release
Metrics Simplification Initiative

1) The focus will be strictly on students and their educational journeys from recruitment to completion, not on functional divisions, grants, funding sources, etc.

2) The outcome will be ONE set of metrics drillable for details. This set of metrics will displace all other student-specific metrics (except for Federal metrics such as Perkins).

3) Equity will not be viewed as a separate activity. Will be observed across all metrics. Drillable by gender, age, ethnicity, first gen, etc.

4) Metrics will be broken into three categories: access (input), practices (process), and student outcomes (output).

5) Number of recommended metrics will be limited to ensure focus only on critical measures.

6) Each metric will be closely reviewed to ensure it is valid, viable, drillable, measurable, and critical.

7) An implementation/transition plan will be created for when each metric in the set can be put into production and which ones need legislative work. Extensive analysis and modeling of data will be performed before the presentation of the implementation/transition plan.
Metric Simplification Working Schedule

- February 2nd – The first whitepaper shared with representative advisory group
- February 12th – 1st meeting with the statewide working group
- February 26th at 10:00 AM – 1st statewide webinar
- March 12th – 2nd meeting with the statewide working group
- March 26th at 10:00 AM – 2nd statewide webinar
- April 23rd – Final meeting with the statewide working group
- April 30th at 10:00 AM – 3rd statewide webinar
- April 30th – Final report delivered to the Chancellor’s Cabinet
Operating Principles

1) The simplified metrics will replace the current Scorecard and the IEPI Indicators Portal.
2) Focus attention on a few key indicators and reduce the feeling of being overwhelmed by too many data points and too many similar, but slightly different data points.
3) The process of simplification does not destroy current data sources or MIS processes which provide additional sets of data for continuous quality improvement, research, and evaluation.
4) Focused on student journey mapping from application to completion which will provide visibility on system-wide progress toward achieving the goals articulated in Vision for Success.
5) Covering an array of student education goals, credit/non-credit, etc.
6) Intended to drive reporting for SEP, SSSP, BSI, SWP, AEBG,…
7) Does not replace, but tries to align w/ federal reporting and accreditation requirements
8) Support the transformation of colleges and the system in a guided pathways framework.
Proposed New Funding Formula

• In late January, Chancellor Oakley requested the Chief Executive Officers of California Community Colleges (CEOCCC) Board convene a small group of CEOs to make recommendations for a new funding formula.
• Chancellor also requested standing Workgroup on Fiscal Affairs (ACBO) to review and provide input.
• Proposed budget language included 50% FTES/base, 25% Access/Supplemental & 25% performance outcomes
• Proposal Discussion ongoing (with May Revise & Budget Negotiation Process)
## Chancellor’s Office Priority Projects

<table>
<thead>
<tr>
<th>IT Initiative/Project</th>
<th>Status</th>
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<tbody>
<tr>
<td>Metrics Simplification</td>
<td>In Progress</td>
</tr>
<tr>
<td>Request for Application Release &amp; Award</td>
<td>In Progress</td>
</tr>
<tr>
<td>MMAP / AB 705 / CDE &amp; CCGI Data Integration</td>
<td>In Progress</td>
</tr>
<tr>
<td>CCCApply Re-Write with College Futures Grant</td>
<td>In Progress</td>
</tr>
<tr>
<td>Launchboard / Single Data Source</td>
<td>In Progress</td>
</tr>
<tr>
<td>Digital Futures Lab Stand-Up</td>
<td>In Progress</td>
</tr>
<tr>
<td>Student Journey Personalization</td>
<td>In Progress</td>
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<tr>
<td>Program Planners Centralization (COCI, C-ID, ASSIST)</td>
<td>In Progress</td>
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## Chancellor’s Office Project Priorities

<table>
<thead>
<tr>
<th>IT Initiative/Project</th>
<th>Status</th>
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<tbody>
<tr>
<td>NOVA Expansion with Guided Pathways</td>
<td>Complete</td>
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<tr>
<td>NOVA Expansion, Enhancements, and Dashboard</td>
<td>In Progress</td>
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<tr>
<td>Personalization Services of MyPath 2.0 &amp; H2C Mobile Application</td>
<td>In Progress</td>
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<tr>
<td>Implementation of Standard Service Delivery Practices across CCCCO IT Service Providers/Grantees</td>
<td>Not Started</td>
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<tr>
<td>Implementation of ITSM to include Portfolio Management Tool &amp; Request Tracking</td>
<td>In Progress</td>
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</table>
## Critical Gap and Risk Remediation

<table>
<thead>
<tr>
<th>Structure</th>
<th>Governance</th>
<th>Capabilities</th>
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<tbody>
<tr>
<td>• Strengthen RFA Requirements, Contact Language &amp; Standards Definition</td>
<td>• Streamline Advisory &amp; Steering Committees</td>
<td>• Refactor Definition of Minimum Skill &amp; Experience for Key Leadership Roles</td>
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<tr>
<td>• De-silo Funding Structure</td>
<td>• Establish Monthly Status, &amp; Quarterly Financial Reporting</td>
<td>• Remediate Skill Gaps</td>
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<tr>
<td>• Refactor Edtech Strategy</td>
<td>• Implement Grant Scorecard</td>
<td>• Focused Talent Acquisition Strategy</td>
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<tr>
<td>Accountabilities</td>
<td>Process</td>
<td>Ways of Working</td>
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<tr>
<td>• Reestablish CO Sponsor Roles</td>
<td>• Standardize Grant Monitoring Process Across Division</td>
<td>• Collaborate to Leverage Collective Expertise</td>
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<tr>
<td>• Improve Roles &amp; Responsibility Definitions</td>
<td>• Mature Critical PMO, Prod. Mgmt., Agile Dev., Quality &amp; Vendor Mgmt. Processes Across Grantees &amp; Subcontracts</td>
<td>• Living Edtech Portfolio Roadmap</td>
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<td>• Define Decision Authority</td>
<td></td>
<td>• Integrated Planning &amp; Execution</td>
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<td>• S.M.A.R.T. Outcomes</td>
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Silos to Integration & Standardization

Develop standard IT service-delivery practices across the technology portfolio to improve consistency, transparency, and quality.

<table>
<thead>
<tr>
<th>Shared Infrastructure</th>
<th>Core Applications</th>
<th>Online Education Initiative</th>
<th>Data Services</th>
<th>Data Research &amp; Analytics</th>
<th>User Interface &amp; User Experience</th>
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</thead>
<tbody>
<tr>
<td>Project Management Office: Schedule, Budgeting, Asset, Issue/Risk, Operational Metrics &amp; Portfolio Mgmt</td>
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<tr>
<td>Enterprise Architecture: Alignment of Strategy, Business &amp; Technology across Technology Portfolio</td>
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<td>Information Security: Compliance with State &amp; Federal IT Security Policies &amp; Regular Monitoring</td>
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<td>Commercial IT Vendor &amp; Product Selection Standards: Interoperability, Sustainability &amp; Avoid Duplication</td>
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## Refined Data Management Project Charter

### Year 1 Proof-of-Concept - Assumptions

#### Data Assets
- MIS
- CalPass+
- CCCOpen (CCCID)
- CCCApply (2 or 3 CCCs)
- Canvas
- MyPath

#### Data Management POC Objectives
- Collaboratively define a lean, scalable functional framework, designed for sustainable utility, privacy & security
- Baseline definition of core data mgmt. standards, processes, roles and decision authority
- Implement and operationalize w/in POC, learn and adjust
- Define, measure and report functional value and efficacy against expected system-wide benefits
- Provide options, considerations, risks and recommendations to scale for years 2 and 3
- Draft high-level roadmap & budget to implement and scale
- Provide progress report and elicit input/guidance during March TTAC web-meeting, and April TTAC retreat

#### Project Structure
- Small, but representative POC core project team, including CO and CCC data owners & custodians
- Team leverages TTAC for cross-constituency advice, and CO Sponsor to steer direction and remove barriers to progress

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### In – Scope “Develop Baseline, Operate, Measure & Report”

- Assess and map current data mgmt. framework, policies process and tools across in-scope data sets & owners
- Model and operationalize functional benefit, and KPI metrics
- Data Mgmt. strategy
- Data Mgmt. functional charter and framework diagram
- Decision authority hierarchy diagram, and role and responsibility definitions (RACI)
- Data flow diagram, data model, data definitions, access rules and authorized parties for each in-scope data set (centralized)
- Data quality and master data mgmt. protocols
- Provide options, considerations, risks and recommendations to scale for years 2 and 3
- Draft high-level implementation roadmap & budget

### Out-of-Scope

- Design and operationalize a distinct Data Mgmt. Advisory and/or Steering Committee(s)
- Operationalizing and recruiting for, a Data Mgmt. Office organization
- Finalize and implement Data Mgmt. policy and procedures in broader edtech project portfolios (CO, CCDs or CCCs )
- Development of software applications and use cases of data
MIS Update – New & Amended Data Fields for 2018-19

Amended SB element
SB23 STUDENT-APPRENTICESHIP-STATUS

New SB elements
SB34 STUDENT-CCC-ID
SB35 STUDENT-SS-ID
SB36 STUDENT-TRANSGENDER
SB37 STUDENT-SEXUAL-ORIENTATION

Amended SG element
SG10 STUDENT-CAA-STATUS

New SG elements
SG14 STUDENT-ECONOMICALLY-DISADV-STATUS
SG15 STUDENT-EX-OFFENDER-STATUS
SG16 STUDENT-HOMELESS-STATUS
SG17 STUDENT-LONGTERM-UNEMPLOY-STATUS
SG18 STUDENT-CULTURAL-BARRIER-STATUS
SG19 STUDENT-SEASONAL-FARM-WORK-STATUS
SG20 STUDENT-LITERACY-STATUS
SG21 STUDENT-WORK-BASED-LEARNING-STATUS

New SA element
SA07 STUDENT-EDUCATIONAL-FUNCTION-LEVEL
Scorecard 2018 Final Release

• Final 2018 Scorecard Released on March 30
• Scorecard Resources still currently available for researchers
  – Data on Demand/Datamart
  – Updated Peer Grouping
  – Missing SSN Report
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