Kuali Coeus Implementation: Award Blueprinting Workshop 5

KC-AWD21: KC-KFS Integration

October 30, 2013
Goals and Outcomes

• **Goals**
  – Obtain feedback on the proposed future state (e.g. to-be) business processes
  – Review the configuration settings and application roles which support the processes within KC
  – Review the data assumptions which have been made while drafting the future state business processes
  – Review identified gaps related to the processes and amend as needed

• **Outcomes**
  – Document feedback and action items gathered during the session; distribute to participants for review
  – Utilize the information gathered to further refine business processes, configuration settings, application roles, data assumptions, and gaps
Presentation Outline

- Future State Process
- Data Assumptions
- Configuration Values
- Roles Defined/Assigned
- Potential Gaps
- Integrations
- Additional information
KC-AWD21: KC-KFS Integration
KC-AWD21: KC-KFS Integration

1. Finalize award document in KC, see KC-AWD2: Standard Award
2. KFS account created from award document in KC
3. Submit award budget document and post in KC
4. Budget Reallocation document created in KFS
5. Send notification of KC Award and KFS Account creation
6. Receive notification of KC Award and KFS Account creation
7. Receive notification of KC Award and KFS Account creation
8. Receive notification of KC Award and KFS Account creation
9. Return to KC-AWD2: Standard Award

Start

Pie (or designee)

CIP

CGA

Dept/College

KC Support

List Updated By: T. Wightman
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List Saved: 10/03/2013 12:00 AM
Data Assumptions
KC-AWD21: KC-KFS Integration

• Data needed for process initiation
  – KC Award in Final Status

• Transactional data (both input and output)
  – Use Create Account panel on Award Actions tab to generate the KFS Account from the KC Award
  – Upon posting an Award Budget, the KFS Budget Reallocation document is generated
  – KC Award Notice generated for PIs and Department Administrators

• Data generated on process complete
  – KC Award and KFS Account IDs
Configuration Values
KC-AWD21: KC-KFS Integration

• Parameter Values
  – 1 Institutional level parameter in KC
    • ENABLE.AWARD.FNA.VALIDATION
       Must be set to 2 = single rate validation
  – 5 Institutional level parameters in KFS
    • RESEARCH_ADMIN_AUTO_CREATE_ACCOUNT_WORKFLOW_ACTION
       Options: SAVE, SUBMIT, APPROVE
    • KC_OVERRIDES_KFS_DEFAULT_ACCOUNT_IND
       Options: Yes / No
    • ACCOUNT_ADDRESS_TYPE
       Options: ADMIN (UNIT) or PI
    • RESEARCH_ADMIN_BA_DOCUMENT_ROUTE_ACTION
       Options: SAVE, SUBMIT, APPROVE
    • RESEARCH_ADMIN_INCOME_OBJECT_CODE_BY_SPONSOR_TYPE
       Sponsor Type Code = Object Code
Configuration Values
KC-AWD21: KC-KFS Integration

• Validation Rules
  Out of the box only – nothing added

• Notifications
  Out of the box only – nothing added

• Code Tables

• Special Configuration Items
  KFS – CG Defaults Maintenance Document needs to be completed for each unit that have grant accounts. Leverage unit hierarchy where possible when defining account defaults.
Configuration: Code Tables
KC-AWD21: KC-KFS Integration

Financial Object Code Mapping
Financial Object Code = KFS Object Code

<table>
<thead>
<tr>
<th>Actions</th>
<th>Object Code Name</th>
<th>Budget Category</th>
<th>Description</th>
<th>On/Off Campus Contract Flag</th>
<th>Active</th>
<th>Financial Object Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>edit</td>
<td>421200</td>
<td>Materials</td>
<td>Food</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>edit</td>
<td>421510</td>
<td>Materials</td>
<td>Educational Video Resources</td>
<td>Yes</td>
<td>Yes</td>
<td>083</td>
</tr>
<tr>
<td>edit</td>
<td>421827</td>
<td>Materials</td>
<td>Equipment Minor</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Valid Rates
ICR Rate Code = KFS Code that maps to the KC F&A Rate

<table>
<thead>
<tr>
<th>Actions</th>
<th>Valid Rates Id</th>
<th>On Campus Rate</th>
<th>Off Campus Rate</th>
<th>Rate Class Type</th>
<th>Adjustment Key</th>
<th>ICR Rate Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>edit</td>
<td>1</td>
<td>0.00</td>
<td>0.00</td>
<td>E</td>
<td>029999</td>
<td></td>
</tr>
<tr>
<td>edit</td>
<td>2</td>
<td>0.00</td>
<td>999.99</td>
<td>E</td>
<td>029990</td>
<td></td>
</tr>
<tr>
<td>edit</td>
<td>3</td>
<td>10.00</td>
<td>10.00</td>
<td>E</td>
<td>020015</td>
<td>093</td>
</tr>
</tbody>
</table>
Configuration: Code Tables (cont’d)
KC-AWD21: KC-KFS Integration

**Financial Indirect Cost Recovery Type Code**

Rate Class = F&A, Employee Benefits, Vacation, etc.
Rate Type = MTDC, TDC, S&W, etc.
ICR Type = KFS Code that maps to the KC Rate Types

<table>
<thead>
<tr>
<th>Actions</th>
<th>Rate Class Code</th>
<th>Rate Type Code</th>
<th>Icr Type Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>edit</td>
<td>1</td>
<td>1</td>
<td>089</td>
</tr>
<tr>
<td>copy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>delete</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Roles Defined/Assigned
KC-AWD21: KC-KFS Integration

• List of roles and permissions for each role
  ➢ Award Defined Roles (made by grouping several roles together)

CGA Administrator
  Award Modifier
  Award Budget Administrator

Dept/College Administrators & Principal Investigators
  Award Viewer
  Award Budget Aggregator
Roles Defined/Assigned
KC-AWD21: Create Award Hierarchy

• Consequence: who has access to what information for KC-AWD21: KC-KFS Integration
  – CGA Administrators will have access to all information in every award.
  – Department / College Administrators will have access to view all information for every award in their unit or college.
  – Investigators will have access to view all of their award data.
  – CGA Administrators will have the appropriate KFS permissions to create accounts and budgets.
## Potential Gaps (3)

**AWD21: KC-KFS Integration Potential Gap List**

<table>
<thead>
<tr>
<th>Award Gaps</th>
<th>Potential Solution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account number generator to get next available account number in KFS as part of the KC-KFS integration.</td>
<td>Need to be able to grab the next available account number in KFS to display and to create the KFS account doc.</td>
</tr>
<tr>
<td>No Account Name field</td>
<td>This is in KFS - not needed in KC.</td>
</tr>
<tr>
<td>No Legacy Account # field</td>
<td>CGA has determined that this won't be needed in KC.</td>
</tr>
</tbody>
</table>
Integrations
KC-AWD21: KC–KFS Integration

• Other Kuali Coeus Modules
  – None

• Other Kuali Foundation Products
  – KFS
  – Kuali Rice

• MSU EBS Systems
  – OOI

• MSU Legacy System
  – None
Additional Information
KC-AWD21: KC-KFS Integration

• Can manually add pre-existing KFS Chart & Account to the KC Award.

• Account creation is a time saver, but remember, after an account is created from an award, updating one has no effect on the other (both KC and KFS will need to be updated).

• Displays basic award data in the KFS Account Inquiry screen.
  – This may make some of the MSU customizations to KFS obsolete

• Four ways to transform KC Award data to KFS Account
  1. Use KC data (Project Start Date = Account Effective Date)
  2. Crosswalk or derive data from KC (map Higher Education Function Code from Award Activity Type)
  3. From the C&G Account Default Table by Unit in KFS
  4. System assigned default value (Account open/closed indicator)
Additional Information (cont’d)
KC-AWD21: KC-KFS Integration

• Budget Adjustment creation – process determines increase or decrease in a given type of expense and generates the budget lines accordingly in KFS.

• KFS Object Codes determined in three different ways
  1. KC Object Codes associated with KFS Object Codes (direct costs)
  2. Mapping of KC values to KFS Object Codes (F&A)
  3. Parameter driven (income object codes mapped to sponsor type via parameter)

• Develop and document procedure for collecting and updating CG Defaults maintenance documents and which award/account fields might regularly require manual editing.
## Additional Information (cont’d)

### KC-AWD21: KC-KFS Integration

<table>
<thead>
<tr>
<th>KC Award Field</th>
<th>Location</th>
<th>KFS Account Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Account ID</td>
<td>Award Tab</td>
<td>Account</td>
</tr>
<tr>
<td>2. Sponsor Acronym + Award No. + PI</td>
<td>Award Tab</td>
<td>Account Name</td>
</tr>
<tr>
<td>3. Project Start Date</td>
<td>Award Tab</td>
<td>Effective Date</td>
</tr>
<tr>
<td>4. Project End Date</td>
<td>Award Tab</td>
<td>Expiration Date</td>
</tr>
<tr>
<td>5. Off Campus Indicator</td>
<td>Commitments Tab</td>
<td>Off Campus Indicator</td>
</tr>
<tr>
<td>6. Activity Type</td>
<td>Activity Type Table (Crosswalk)</td>
<td>Higher Education Function Code</td>
</tr>
<tr>
<td>7. Rate Class and Rate Type</td>
<td>Financial Indirect Cost Recovery Type Code (Crosswalk)</td>
<td>Indirect Cost Recovery Type</td>
</tr>
<tr>
<td>8. Valid Rate ID &amp; Rate &amp; Rate Class</td>
<td>Valid Rates Table (Crosswalk)</td>
<td>Indirect Cost Rate</td>
</tr>
<tr>
<td>9. CFDA Number</td>
<td>Award Tab</td>
<td>CFDA Number</td>
</tr>
<tr>
<td>10. KC Award ID</td>
<td>Award Tab</td>
<td>Account Expense Guideline Text</td>
</tr>
<tr>
<td>11. Payment Basis &amp; Method</td>
<td>Payments, Reports and Terms Tab</td>
<td>Account Income Guideline Text</td>
</tr>
<tr>
<td>12. KC Award Title</td>
<td>Award Tab</td>
<td>Account Purpose Text</td>
</tr>
</tbody>
</table>
# Glossary

<table>
<thead>
<tr>
<th><strong>Application Role</strong></th>
<th>Made up of granular permissions which enables users to access data or perform certain business functions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Code Table</strong></td>
<td>Typically provides values for drop-down lists referenced by the application</td>
</tr>
<tr>
<td><strong>Configuration Setting</strong></td>
<td>The initial arrangement of parameters, code tables, etc. that determines what the application will do and how its components will interact</td>
</tr>
<tr>
<td><strong>COI</strong></td>
<td>Conflict of Interest; in KC the module in which financial conflict of interest disclosures are submitted and reviewed</td>
</tr>
<tr>
<td><strong>IACUC</strong></td>
<td>Institutional Animal Care and Use Committee; in KC the module in which animal protocols are submitted and reviewed</td>
</tr>
<tr>
<td><strong>IRB</strong></td>
<td>Institutional Review Board; in KC the module in which human subject protocols are submitted and reviewed</td>
</tr>
<tr>
<td><strong>KC</strong></td>
<td>Kuali Coeus, an open-source Research Administrative system developed by the Kuali Foundation</td>
</tr>
<tr>
<td><strong>KFS</strong></td>
<td>Kuali Financial System</td>
</tr>
<tr>
<td><strong>Kuali Rice</strong></td>
<td>Kuali Rice, provides middleware suite of integrated products</td>
</tr>
<tr>
<td><strong>Notification</strong></td>
<td>A message which is delivered to the user based on some action the user has performed</td>
</tr>
<tr>
<td><strong>SAP-EDW</strong></td>
<td>SAP HR/Payroll Data contained within MSU’s Enterprise Data Warehouse</td>
</tr>
<tr>
<td><strong>OOI</strong></td>
<td>Organization of Interest, a Kuali Rice based application for managing Organizations, developed and implemented by MSU</td>
</tr>
<tr>
<td><strong>Parameter</strong></td>
<td>An externalized application variable, the value of which can be maintained through the User Interface</td>
</tr>
<tr>
<td><strong>Validation Rule</strong></td>
<td>A check built within the application to ensure the data necessary for the system to perform a function is present and/or appropriate</td>
</tr>
</tbody>
</table>