CAMS Enterprise Update Release 14.5.0

Revision Date: 07/11/2014

This document describes the items that are being deployed in the 14.5.0 CAMS Enterprise Update Release. Enhancements, modifications, and system corrections are included and are categorized primarily by module. Those items needing CAMS Manager attention have been noted as such. For additional, detailed information and instructions on the functionality additions and changes, refer to the online help files located directly in the CAMS Enterprise application and/or the updated PDF manuals which can be downloaded from the CAMS Community Website. Note that portal updates are not automatically installed on your site and must be applied by your institution.

General

1. Security has been improved in CAMS Enterprise. In addition to the already existing Password Expiration settings in CAMS Configuration, CAMS Managers can now set the minimum length allowed for passwords (between 6 and 36 characters), require special characters in a password, require both upper and lower case letters, and require numeric characters. Each of these items can be set to be required or not required on the Misc tab of the CAMS Configuration window.

***CAMS Manager Action Required

CAMS Managers will need to inform their users of the following:

In order to implement this important security update, after updating CAMS Enterprise to 14.5.0, all alphabetical characters (A – Z) that are currently being used in existing passwords for CAMS Enterprise MUST be typed in CAPITAL LETTERS (as the passwords prior to this update are stored in the database in all capitals) until the user changes their password. CAMS users may then change their password using any capitalization desired (along with complying with any password requirements the CAMS Manager may have set in CAMS Configuration).

When changing their password, in the "Old Password" field users must use capital letters for any alphabetical characters that are in their current password. Then they may use any allowed characters in the "New Password" and "Confirm" fields. After changing their password, users will then log in with the exact password they changed it to, including upper and/or lower case alphabetical characters.

2. When entering three or less characters for “Student Level” criteria on the “Academ.” tab of the Student BYOR, the criteria was ignored for the results of the reports. The Student Level criteria field now correctly utilizes any number of characters.

3. Minor spelling errors were corrected on various portal pages.

Admissions

1. SSN Visibility Security has been enhanced by following the CAMS Users’ SSN Visibility settings for Student Working To-Do.

2. A misspelling of “Email” in the Load from Prospect functionality has been corrected.

3. The Student BYOR was not pulling a correct list when the blank selection was used in list selection boxes. Selecting a blank in the multi-selection list boxes now only pulls students who have blank data for the list boxes where the blank was selected for that particular criteria.
Registration

1. **The Grade Summary Criteria selections have been enhanced.** The "Exclude Transfer" check box has been changed to a "Exclude Category" multi-selection box where you may now opt to exclude any Transcript Maintenance Category item(s) when reporting.

2. **The Grade Distribution reports (by Course, by Instructor, and by Student) have been updated to direct-connect type reports which load faster and are easier to customize.** In addition, grades are now listed in the top row in order by point value.

   ***CAMS Manager Action Required***
   CAMS Managers will need to add the following lines to the rptregGradeSummaryReports.ssi file located in the SSI (college database) and SSI2 (training database) folders. SSI files are plain text files and must be edited with a plain text editor such as Notepad.

   ```html
   <option value="1200~reports\RegGradeDistributionByCourse1200.rpt~REGGradeDistributionByCourseReports1200.asp">Grade Distribution by Course (DC)</option>
   <option value="1200~reports\RegGradeDistributionByInstructor1200.rpt~REGGradeDistributionByInstructorReports1200.asp">Grade Distribution by Instructor (DC)</option>
   <option value="1200~reports\RegGradeDistributionStudent1200.rpt~REGGradeDistributionByStudentReports1200.asp">Grade Distribution by Student (DC)</option>
   ```

3. **The Attendance BYOR has been enhanced with the addition of several new reports that include Completion Hours.** These can be used to report on those courses whose completion hours have been recorded for attendance. New criteria has been added to narrow these reports output to specific Terms, Majors, and Hours.

   ***CAMS Manager Action Required***
   CAMS Managers will need to add the following lines to the rptregAttendBYOR.ssi file located in the SSI (college database) and SSI2 (training database) folders. SSI files are plain text files and must be edited with a plain text editor such as Notepad.

   ```html
   <option value="1000~reports\REGAttendBYOR0BYStudent1000AHC.rpt~RegAttendanceType1000.asp">Attendance Detail by Student Completion Hours (DC)</option>
   <option value="1000~reports\REGAttendBYOR0BYCourse1000AHC.rpt~RegAttendanceType1000.asp">Attendance Detail by Course Completion Hours (DC)</option>
   <option Value="1000~reports\REGAttendSummarybyCourseAHC.rpt~REGAttendanceType1000s.asp">Attendance Summary by Course Completion Hours (DC)</option>
   <option Value="1000~reports\REGAttendSummarybyStudentAHC.rpt~REGAttendanceType1000s.asp">Attendance Summary by Student Completion Hours (DC)</option>
   <option Value="1000~reports\REGAttendAHC.rpt~REGAttendanceType1000s.asp">Attendance Completion Hours (DC)</option>
   ```

4. **Offering Maintenance Faculty Scheduling has been enhanced.** A Sort Order field has been added which is used to indicate the order the faculty should display on Roster and Schedule reports.

5. **When printing Transcripts where a student has the same StudentID as another student (which can only occur through changes directly in the SQL tables or through a custom process) an error occurred and the Transcript would not print.** Transcripts can now be printed in situations where multiple students may have the same StudentID.
6. An error displayed when adding a course to Degree Audit Setup if the Course Division used the maximum allowed 50 characters even though the course was actually added to Degree Audit. Courses may now be added to Degree Audit Setup without error when the course has up to the maximum allowed characters in the Course Division name.

7. Adding a new Cost Type in Tuition and Refunds Setup then immediately adding a fee on the Fees tab sometimes caused an error. This was caused by the new Cost Type not yet being written to the database after adding it. Now upon clicking Add when adding a new Cost Type, the addition is immediately saved to the database and users may continue adding Fees without first closing the window with the “X” to save.

8. When searching Offering Maintenance using any of the selection criteria, if no course was found, then the user right-clicked to add a new course from Master, the user was unable to go to Page 2 or Page 3 in the new course copied from Master unless first adding then reopening the new course. In this unique scenario, users will now be able to go to Page 2 or Page 3 to complete filling out required data without first adding the new course.

9. An issue has been corrected where if a student was registered for a number of hours that equaled the “Max. Hours Allowed” as set in Student Status with one of the courses being a Variable Credit course, changing the Faculty for the Variable Credit course displayed a message indicating the total credits exceeded the maximum allowed credits for the student. This occurred even though the number of hours were not changed to go over the “Max. Hours Allowed” setting.

10. In certain situations, the Grade Summary report displayed a different GPA than the Transcript (by a decimal of hundredths or thousandths). The Transcript calculations were correct. The Grade Summary has been updated to calculate the GPA by the same method as Transcripts.

11. When multiple Offer Day entries were added to Course Schedule in Offering Maintenance, Registration reports that display Course Schedules were displaying the schedule in alphabetic order of the days rather than chronologically. Schedules now display chronologically on reports.

12. In Degree Audit when the Minimize Credits option was set to “Yes” for a Group, the audit was allowing more than the Credits Required amount to be applied to that Group. Minimize Credits set to “Yes” now will allow only the amount of hours as set in the Credits Required field.

13. When using both Zip Code From and Zip Code To on Page 3 criteria of the Directory Reports, CAMS was not correctly restricting the report results within the Zip Code range entered. Results will now be correctly returned within the Zip Code range entered.
Billing

1. **Dynamics Accounts Payable posting has been updated to use the StudentUID as the VendorID.** Previously Accounts Payable posting used the Student SSN.

2. A new General Ledger Output Type, Dynamics NAV, has been added. Clients utilizing this GL program can Post to General Ledger or Accounts Payable to create Workcams.txt files compatible with and for import to Dynamics NAV.

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**CAMS Manager Action Required**

CAMS Managers will need to set the GL Output Type field to Dynamics NAV in CAMS Manager >Configuration >Billing tab.

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3. When making an ACH payment in Billing Batch, if there was an issue with the Bank Routing Number entered a blank error message displayed. The error message pop-up now displays the correct text in this scenario.


5. When multiple Offer Day entries were added to Course Schedule in Offering Maintenance, Billing reports that display Course Schedules were displaying the schedule in alphabetic order of the days rather than chronologically. Schedules now display chronologically on reports.

Financial Aid

1. The FISAP Expenditure Summary Report has been enhanced to comply with the 2014-2015 FISAP Salary Range changes.

2. Payment Period Start Dates have been added to the Financial Aid Yearly Setup to comply with COD specifications. Payment Period Start Dates must now be set for each Package Term in Financial Aid >Setup >Yearly Setup >Acad Year >FA Year >Pkg Term. If there is a circumstance where the default date in Yearly Setup needs to be overwritten, the date can also be set for each award individually in Financial Aid >Maintenance >Awards. This date is used in the COD Export to report the correct Payment Period Start Date for each Disbursement.

3. Exporting a transfer list from Financial Aid Transfer resulted in a blank file. Users no longer must browse to a folder location and may now directly export the transfer list to the Document Directory as defined in their CAMS User Profile.

4. When exporting a large amount of data from the Financial Aid BYOR using "Export" or "Export – No SSN" reports, the report could time out after several minutes and the data would not export. Timeouts will no longer occur when using the export functionality.

5. In certain unique combinations of values (EFC, Student Load, and COA), Prioritized Packaging could have awarded a Pell amount less than what a student should have received. Pell will now calculate correctly for all students.

6. When running FISAP reporting and Include Withdrawn Students was checked, withdrawn students were not displaying on the reports. This has been corrected and withdrawn students will now display when requested.
Development

1. Address Correction using Intelligent Search Technology, Ltd has been updated to conform to Intelligent Search Technology’s new layout/format of the batch file that is saved after running the Batch Process.

2. A new General Ledger Output Type, Dynamics NAV, has been added. Clients utilizing this GL program can Post to General Ledger to create DEVCAMSGL.txt files compatible with and for import to Dynamics NAV.

***CAMS Manager Action Required
CAMS Managers will need to set the GL Output Type field to Dynamics NAV in CAMS Manager >Configuration >Billing tab.

3. An issue has been corrected where a duplicated Gift transaction could be created with a specific set of actions in the Constituent Ledger. (Those specific actions were: add a new transaction but do not save the Ledger window. Immediately reopen the new transaction then print a receipt. After saving the Ledger window with the Save hot spot, the new transaction was duplicated).

4. An issue has been corrected with the Soft Credit Edit List report. When adding multiple Soft Credit transactions for separate Hard Credit transactions in the same batch, the Soft Credit Edit List report was only displaying one of the Hard Credits, but did show all the correct Soft Credits. The report also displayed an incorrect Hard Credit Available amount. The report now correctly displays the Soft Credits, Hard Credits, and Hard Credit Available amount.

5. Ledger Correspondence “Mail Merge Export” and “Mail Merge Export - No SSN” were not exporting the fields, “EntryDate”, “Amount”, “CampaignID”, “CampaignName”, and “DollarGoal”. These fields now correctly export.

6. When sending Development Correspondence email to a large number of recipients (such as over 3000 to 5000) an error occurred and the emails were not sent. Large numbers of emails may now be sent without error.
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CAMS Manager

1. A State Reporting Code field has been added to the Faculty Ethnicity Types Reference Lookup table. This field is utilized in Texas State Reports and other states to match ethnicity tracking where specific state reporting definitions require a State Reporting Code.

2. User Administration has been enhanced by the addition of a pop-up confirmation message when deleting a CAMS User. After clicking the Delete button, a confirmation message will display indicating the name of the user about to be deleted where you can click Yes to delete or No to cancel the deletion.

3. Check Transfer for Student Portal payments has been enhanced. Time fields have been added to the Criteria tab allowing users to transfer only ACH payments within a specific time of day that the payment was made. This is beneficial when using the Online Payment Vendor, Sallie Mae, where the payment should not be transferred until the ACH payment has been designated to be in the Settlement stage by Sallie Mae.

4. A new General Ledger Output Type, Dynamics NAV, has been added. Clients utilizing this GL program can Post to General Ledger or Accounts Payable to create Workcams.txt (Billing) and DEVCAMSGL.txt (Development) files compatible with and for import to Dynamics NAV.

***CAMS Manager Action Required
CAMS Managers will need to set the GL Output Type field to Dynamics NAV in CAMS Manager >Configuration >Billing tab.

5. When Student Portal Configuration >Use Email Address configuration option in CAMS Enterprise was set to use multiple Email fields, Students received an error and email was not sent when emailing Faculty from Course Options >Email >Email Faculty. Email can now be sent without error when multiple Email fields are selected in Student Portal Configuration.

Tools

1. When exporting COD, Major/Minor table entries with a Special Program setting of "Not Applicable" were always reporting a value of "99" in the <ProgramCredentialLevel> field in the COD Export file. These should have a value of 1-8 depending on the value set in the NSLC Class/Cred field of Student Status >Student Programs for Term entry. The COD Export file will now report the correct value in the <ProgramCredentialLevel> field.

2. Corrected an issue where when exporting COD using a different Program Year than was originally used, the student indicated in the pop-up may not have been in the exported list.

3. When exporting COD, if a student did not have a Student Program record associated with all disbursements in the Financial Aid Year, the Program CIP Code was not being populated for all disbursements. The COD Export will now populate the Program CIP Code using the value of the latest Student Program record of the Financial Aid Year if subsequent records do not exist.

4. Exporting COD with multiple Financial Aid Years selected could sometimes cause an error upon clicking Validate/Build XML on the COD Exp tab. Multiple Financial Aid Years will now export without error.

5. When exporting COD, some students were placed on the exception list with all the required data populated. This was caused due to term values being ignored during validation. This has been corrected and the validation process will not exclude students with all their data populated.

6. If a student load does not exist for a student on Registration >Academic >Status for any of the terms in the Financial Aid year, then the COD Export will look to the student's Packaged for Load value on the Financial Aid>Maintenance status record to populate the Enrollment Status tag. If neither exist, then it will show as an exception during file validation.
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CAMS Portals

Important note about portal updates: When portal updates are distributed, it is not only the portal pages that are modified, but the associated COM objects as well. If you have moved your portals to a server separate from the CAMS Enterprise IIS server, you will need to ensure that you also update those COM files. To do this you will need to follow the instructions in item 1 below and either item 2a or 2b, depending on how you have your portal server set up.

1. Copy uiCEUpload.dll, CAMSSession.dll, LanapBotDetect.dll files from the UIDLL folder under CAMS Enterprise to the portal server and register them with regsvr32.dll

2.  
   a. If you copy the files over as a proxy package, you will need to uninstall the previous packages before installing the new packages. Ensure that you copy the CAMS and CAMSAD packages over to your portal server.
   
   OR
   
   b. If you do not use the proxy package, you will need to do the following:
      
      • Copy all the dll files in the MTSDL\ folder under CAMS Enterprise to the portal server and re-register them in COM
      
      • Copy the CAMSAD.dll file in the MTSDL\CAMSAD folder to the portal server and register it/re-register it in its own package (i.e.: CAMSAD). The package should run with user privileges (identity). If the portals are on a domain other than the user account the CAMSAD package runs under, that user account must also be a user on the other domain if you want to log into the student portal using an active directory account from the domain CAMS Enterprise is on.

NOTE: An alternative to the above procedure is to utilize the CAMS Enterprise Web Services functionality. Fewer DLL files will need to be copied; all communications between the CAMS IIS server and portal server are handled via port 80 or an SSL port; no COM+ object is required. See the Managing CAMS Enterprise document available on CAMS Community Downloads for setup instructions.
Faculty Portal

How to Update the Faculty Portals

***CAMS Manager Action Needed

Portal files will be downloaded to your CAMS Enterprise \ Portal Updates directory.

If you do not (or have not yet) customized your portals, follow these instructions: If there are specific instructions below for the Faculty Portal, follow them precisely. If not, then simply MOVE all files from the CAMS Enterprise \ Portal Updates \ Faculty Portal to the installation directory for your Faculty Portal. Do not copy the folders but only the files in those subfolders to the same subfolder in the portal folder.

If you do customize your portals follow these instructions: After making a backup of your customized portal pages, move the stock portal files for this update to the installation directory for your Faculty Portal then apply your customizations to the new, stock portal files.

1. The Faculty Portal has been enhanced. When viewing My Students > Student Information, the Student’s phone number is also displayed. This number is from the Phone 1 field for the Student Address Type that is configured to display in Student Portal Configuration.

2. Course Offering and Course Master pages have been enhanced for easier navigation. To give a clearer indication of how many pages there are, the total number of pages now displays when navigating through the pages and the Previous and Next buttons have been moved closer to the page numbers.

3. Attendance Entry has been enhanced. For courses with multiple schedules, Faculty can now select the schedule for which they are marking attendance. Attendance now displays the scheduled hours for each day and allows the Faculty to enter the hours attended. The hours attended will display in the Faculty Portal Attendance Report and in the new CAMS Enterprise Attendance Reports that include hours.

4. The Student ID column was displaying the StudentUID instead of the StudentID in My Courses > Course Options > Course Communication > Email. The StudentID now correctly displays in this column.

5. An issue has been corrected where in My Courses > Course Communication > Email, after attaching a file, then clicking Back to continue sending the email, the left-side menu, the Back and Continue page buttons moved to the bottom of the page.

6. Using IE 11 copying and pasting text in a test question sometimes displayed illegible characters instead of the copied text. In addition when saving questions using IE 11, a message displayed indicating that the Question field is required (even though the question was correctly entered). IE 11 may now be used without issue when creating tests.

7. When a Course End Date was manually extended after students were already registered, Faculty were not able to enter Attendance for the dates past the original End Date. Attendance may now be entered for Courses where students are already registered for all dates the course meets when End Dates have been extended in Course Offering.

8. When multiple Offer Day entries were added to Course Schedule in Offering Maintenance, Portal reports that display Course Schedules were displaying the schedule in alphabetic order of the days rather than chronologically. Schedules now display chronologically on reports.

9. Calculating Midterm grades for very large classes sometimes did not complete. Grade calculation will now complete correctly for courses of any size.

10. When entering Daily Attendance for dates where the course does not meet (is not scheduled) the Save Attendance button did not display on the screen and Faculty could not save the entry. Daily Attendance can now be correctly saved for any date loaded.
Student Portal

How to Update the Student Portals

***CAMS Manager Action Needed
Portal files will be downloaded to your CAMS Enterprise \ Portal Updates directory.

If you do not (or have not yet) customized your portals, follow these instructions: If there are specific instructions below for the Student Portal, follow them precisely. If not, then simply MOVE all files from the CAMS Enterprise\Portal Updates\Student Portal to the installation directory for your Student Portal. Do not copy the folders but only the files in those subfolders to the same subfolder in the portal folder.

If you do customize your portals follow these instructions: After making a backup of your customized portal pages, move the stock portal files for this update to the installation directory for your Student Portal then apply your customizations to the new, stock portal files.

1. The My Ledger page has been enhanced by the addition of a printer-friendly page. Students may now print their billing statement in a format configured for a printed page.

2. The Number Grades page “GPA” column label has been changed to “Average Grade %” to better reflect what the column represents when viewing Number Grades.

3. Registration and Course Offering pages have been enhanced for easier navigation. To give a clearer indication of how many pages there are, the total number of pages now displays when navigating through the pages and the Previous and Next buttons have been moved closer to the page numbers.

4. Error handling has been added to Official Payments online payment provider so that when a payment is declined or an error occurs the message is clearly displayed to the payee while on Official Payments site.

5. The My Attendance Report has been enhanced to include Attendance Hours and Scheduled Hours. Courses where these hours are recorded will display the hours in these columns.

6. When registering a course from the Student Portal, if the Course URL field in Offering Maintenance contained more than 120 characters, an error occurred on the portal. This has been corrected.

7. When using Virtual Merchant online payment provider and web services an error occurred when making a payment from the portal. This has been corrected and Virtual Merchant Online Payment Provider may now be used with web services.

8. When using Transaction Central online payment provider, payments made from a Savings account were not being accepted. Payments from a Savings account can now be made when using the Transaction Central payment provider.

9. When using US Bank online payment provider, CAMS was inserting a comma for payments that were over $999.99. US Bank could not process dollar amounts with commas so the payments were not processed. Payments from CAMS over $999.99 are now correctly processed by US Bank.

10. When Student Portal Configuration >Use Email Address configuration option in CAMS Enterprise was set to use multiple Email fields, Students received an error and email was not sent when emailing Faculty from Course Options >Email >Email Faculty. Email can now be sent without error when multiple Email fields are selected in Student Portal Configuration.

11. When multiple Offer Day entries were added to Course Schedule in Offering Maintenance, Portal reports that display Course Schedules were displaying the schedule in alphabetic order of the days rather than chronologically. Schedules now display chronologically on reports.
Student Mobility Portal

How to Update the Student Mobility Portals

***CAMS Manager Action Needed
Portal files will be downloaded to your CAMS Enterprise \ Portal Updates directory.

If you do not (or have not yet) customized your portals, follow these instructions: If there are specific instructions below for the Student Mobility Portal, follow them precisely. If not, then simply MOVE all files from the CAMS Enterprise\Portal Updates\Student Mobility Portal to the installation directory for your Student Mobility Portal. Do not copy the folders but only the files in those subfolders to the same subfolder in the portal folder.

If you do customize your portals follow these instructions: After making a backup of your customized portal pages, move the stock portal files for this update to the installation directory for your Student Mobility Portal then apply your customizations to the new, stock portal files.

1. When using Virtual Merchant Online Payment Provider and web services an error occurred when making a payment from the portal. This has been corrected and Virtual Merchant Online Payment Provider may now be used with web services.

2. Update 14.4.4 introduced an issue where selecting either Letter Transcript or Number Transcript displayed an error. Students may now display transcripts on the mobile portal.

Application Portal

How to Update the Application Portals

***CAMS Manager Action Needed
Portal files will be downloaded to your CAMS Enterprise \ Portal Updates directory.

If you do not (or have not yet) customized your portals, follow these instructions: If there are specific instructions below for the Application Portal, follow them precisely. If not, then simply MOVE all files from the CAMS Enterprise\Portal Updates\Application Portal to the installation directory for your Application Portal. Do not copy the folders but only the files in those subfolders to the same subfolder in the portal folder.

If you do customize your portals follow these instructions: After making a backup of your customized portal pages, move the stock portal files for this update to the installation directory for your Application Portal then apply your customizations to the new, stock portal files.

1. Error handling has been added to Official Payments online payment provider so that when a payment is declined or an error occurs the message is clearly displayed to the payee while on Official Payments site.
Portal files that were added or changed with the 14.5.0 update.

**Alumni/Donor Portal**
- CyberSource.asp
- CyberSourceCheckout.asp
- CyberSourceHOP.asp
- ResetPassword.asp

**Application Portal**
- Application.asp
- CyberSource.asp
- CyberSourceCheckout.asp
- CyberSourceHOP.asp
- Education.asp
- OfficialPaymentsFinal.asp
- OfficialPaymentsRedirect.asp
- ResetPassword.asp

**Faculty Portal**
- ceFacultyMaster.asp
- cePortalOffering.asp
- cePortalPerInfo.asp
- ceStudentOptions.asp
- cmEmail2Who.asp
- cmEmailAttachment.asp
- cmEmailExecute.asp
- cmEmailSendTo.asp
- cmFacultyAttendance.asp
- cmFacultyAttendanceDateRange.asp
- cmFacultyAttendanceDateRangeForm.asp
- cmFacultyAttendanceDateRangeFormPrintFriendly.asp
- cmFacultyAttendancePrintFriendly.asp
- cmGrdbkUtilitiesSubmitGrades3.asp
- cmGrdbkUtilitiesSubmitGrades3r.asp
- cmOTQuestion.asp
- cmOTSection.asp
- cmProcess.asp
- ResetPassword.asp
- cleditor\jquery.cleditor.css
- cleditor\jquery.cleditor.js
- cleditor\jquery.cleditor.min.js

**Student Portal**
- billing.asp
- billingFriendly.asp
- cePortalAcademicList.asp
- cePortalNumberGradeReport.asp
- cePortalOffering.asp
- cmSPforum_display_message.asp
- cmSPsendEmailSP_Process.asp
- cmSPStudentAttendance.asp
- CyberSource.asp
- CyberSourceCheckout.asp
- CyberSourceHOP.asp
- OfficialPaymentsFinal.asp
- OfficialPaymentsRedirect.asp
ResetPassword.asp
TransCentralBillingCheck.asp
TransCentralBillingCheckPost.asp
TransCentralBillingPost.asp
styles\jitNew.css

Student Mobility Portal
cePortalNumberGradeTranscript.asp
cePortalNumberGradeTranscriptFriendly.asp
cePortalTranscript.asp
cePortalTranscriptFriendly.asp
cmSPforum_display_message.asp
ResetPassword.asp
TransCentralBillingCheck.asp
SQL objects that were added or changed with the 14.5.0 update.

**Functions**
- fn_CAMSSSNCharMaskByUser.sql

**Stored Procedures**
- CAMS_BillingDynamicsAP.sql
- CAMS_BillingDynamicsNavAP.sql
- CAMS_BillingDynamicsNavAR.sql
- CAMS_BillingFinancialEdgeAR.sql
- CAMS_BillingPostAPNames.sql
- CAMS_CAMSConfig_Info.sql
- CAMS_CM_GetEmail4AllFacs.sql
- CAMS_CM_SRCourseTest_Selection.sql
- CAMS_CODBuildDataForExport.sql
- CAMS_CODLoan.sql
- CAMS_CodLoanBad.sql
- CAMS_CODExportAwards.sql
- CAMS_CopyCourseInformation.sql
- CAMS_CourseManagementEmail_AllStuAllCrs.sql
- CAMS_CourseManagementEmail_SingleCrs.sql
- CAMS_FinancialFISAPReport.sql
- CAMS_FinancialFISAPExpReport.sql
- CAMS_FinancialFISAPReportTerms.sql
- CAMS_FinancialPriorityPackageAwards.sql
- CAMS_FundDistributeGiftBatch.sql
- CAMS_FundGLPostDynamicsNav.sql
- CAMS_HashPassword.sql
- CAMS_PortalRoster.sql
- CAMS_PrintGradeDistributionByCourse.sql
- CAMS_PrintGradeSummary1100.sql
- CAMS_PrintGradeDistributionByStudent.sql
- CAMS_PrintGradeDistributionByInstructor.sql
- CAMS_PrintGradeSummary2.sql
- CAMS_PrintGradeSummary1000.sql
- CAMS_rptBillingStatements.sql
- CAMS_stuCreateNewStatus.sql
- CAMS_StudentAuditProcess.sql
- CAMS_StudentAuditReport.sql
- CAMS_stuGetRegisterStatus.sql
- CAMS.ValidatePassword.sql

**Triggers**
- UpdateRoomSchedules.sql

**Views**
- CAMS_CODAwards_View.sql
- CAMS_FinancialCalendar_View.sql
- CAMS_FinancialAward_View.sql
- CAMS_RoomSchedules_View.sql
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CAMS_rptConstituentCorrMerge_View_1.sql
CAMS_rptConstituentCorrMerge_View_2.sql
CAMS_rptFundBatchHardCreditGifts_View.sql
CAMS_RptSROfferSchedule_View.sql
CAMS_rptStudentScheduleType103_View.sql
CAMS_SROfferSchedule_View.sql
CAMS_SROfferSchedule_Faculty_View.sql
CAMS_StudentAttendance_View.sql

Reports that were added or changed with the 14.5.0 update.

BillStatement_1000.rpt
FISAPExSummary1001.rpt
fundBatchSoftCreditEditList1002.rpt
REGAttendAHC.rpt
REGAttendBYOR0BYCourse1000AHC.rpt
REGAttendBYOR0BYStudent1000AHC.rpt
REGAttendSummarybyCourseAHC.rpt
REGAttendSummarybyStudentAHC.rpt
RegGradeDistributionByCourse1200.rpt
RegGradeDistributionByInstructor1200.rpt
RegGradeDistributionStudent1200.rpt
RegRosterAttendByTerm1000.rpt
RegRosterAttendEntrybyFac1000.rpt
RegRosterAttendEntryForm1000.rpt
RegRosterByDept1000.rpt
RegRosterByFaculty1000.rpt
RegRosterwithAddress1000.rpt
RegRosterwithEmail1000.rpt
RegSchdCondensedByAdvisor1000.rpt
RegSchdCondensedByStudent1000.rpt
RegSchdCondensedWaitList1000.rpt
RegSchdMatrix1000.rpt
RegSchdStandardAdvwBooks1000.rpt
RegSchdStandardByAdvisor1000.rpt
RegSchdStandardByStudent1000.rpt
RegSchdStandardStuwBooks1000.rpt