

**Below is an Updated List of Technology Projects contained in the District Technology Plan over the past several years for our two colleges and district which includes planned and completed as of April 2018.**

**“APPENDIX A” – BANNER AND THIRD PARTY PROJECTS**

**SUMMARY OF PROJECTS FROM “DISTRICT ITS STRATEGIC PLAN” (April 2018)**

The District Strategic Plan for ITS Projects was approved by the Chancellor’s Senior Leadership Team members who reviewed new college and district requirements for enhanced or improved system features. The District Strategic Plan for ITS Projects is developed in collaboration with the Chancellor’s Senior Leadership Team (SLT), the Chancellor’s Extended Senior Leadership Team (e-SLT), College Deans, Directors of Banner User Groups, College Technology Committees, and the district-wide Technology Coordinating Committee. The ITS Plan includes only major development projects, not routine operational tasks, system maintenance, and service requests for minor changes. Additions for new critical projects are made as the need arises and includes state and regulatory mandates as well as changes to accommodate contract negotiations. Besides consideration of the state and regulatory directives, the Chancellor’s SLT prioritization of Banner projects considers 3 factors: the impact to students, improved productivity, and reduction of costs.

All Technology Plans including the Bond are posted on the District Website [www.clpccd.org](http://www.clpccd.org) under the “Technology Services” tab. A new 6-year Technology Plan is being developed in coordination with the new 6-year Facilities Master Plan that is scheduled to be completed by December 2018. The Technology Plan addresses both the Banner and other third party Enterprise Systems and the Bond projects for technology related to construction. The Banner and other Third Party projects are described in the “District ITS Strategic Plan” and the “Technology Plan Update – Bond Activities and Enterprise Systems 2014-2015”. The Bond projects are described for the new Measure A in the “Measure A Bond Projects March 2017”, and for the previous Measure B in “Bond Activities – IT Update for June 2013 to June 2015” and “Measure B Bond Activities – Accomplishments and Future Plans 2005-2017”. Status of the ITS Projects is provided below in three categories - **“Completed” Category A1, “In Progress” Category A2, and “To Be Scheduled” Category A3.**

**A1. “Completed” Projects (Completion Dates provided by Year)**

1. Banner 9 Ellucian Sandbox demonstrations with all Banner User Groups to review what CLPCCD

- customizations need to be replicated in the new Banner 9 System. (Fall 2017/Spring 2018)
2. Technical Training for ITS Staff for Banner 9 new programmer tools (Spring 2017/Summer 2017)
  3. Implementation of the new Help Desk System “Service Now” with online user capabilities and workflow that also includes Inventory for Total Cost of Ownership tracking. (Spring 2018)
  4. Expand training options for technology to provide improved professional development for all staff to include “Lynda.com” and “Ellucian On Demand Tutorials”. (2016/2017). Hired full time ITS trainer (Summer 2017)
  5. Banner (Ellucian) Degree Works for Student Degree Audit and Student Ed Plan – Live for Counseling and Students for both colleges (Spring 2018)
  6. Business Process Analysis to evaluate Banner Transfer/Articulation Features to Address Tracking Other College Course Requirements and Equivalencies for the Student Degree Audit (Fall 2017/Spring 2018)
  7. Implemented Banner’s Finance feature for handling of Grants for district use first for Bond Measure A (Fall 2017/Spring 2018)
  8. Evaluated and selected the state’s Online Education Initiative (OEI) product, Canvas Learning Management System, to replace the existing Blackboard System for both colleges – LPC began migration in Fall 2016 and Chabot began migration in Spring 2017 (Final cutover to be completed by Summer 2018)
  9. Expand Video Conferencing with the release of ConferZoom to replace the previously used CCCConfer (Spring 2018)
  10. Follett Bookstore Integration for Las Positas to provide online faculty textbook selection (Fall 2017)
  11. Implementation of Cranium Café for online Video Counseling which is part of OEI initiative for Canvas – LPC in Spring 2017 and Chabot in Spring 2018
  12. Implementation of NetTutor for online Tutoring using external services for both colleges which is part of OEI initiative for Canvas – both colleges Fall 2017
  13. Implementation of Cloud services for Tutor Trac for both college for on campus tutoring (Fall 2017/Spring 2018)
  14. Scholarship System Implementation for both colleges – Awards for Chabot in Summer 2017 and Academic Works for LPC in Spring 2018
  15. Implementation of Top Pro E for reporting for non-credit courses for both colleges (Fall 2017/Summer 2018)
  16. Implementation of Banner System changes and addition to Evisions software for payroll module to support district’s fiscal independence (Summer 2017)
  17. Review and analysis of Total Cost of Ownership (TCO) for technology in response to an Accreditation recommendation and development of a plan approved by the Board (Spring 2017)
  18. CollegeNet 25Live Room Scheduling – Phase 2 for Events in addition to existing Academics portion (Spring 2017/Fall 2017)
  19. Creation of M&O Interface with College Net 25Live System for room utilization to schedule janitorial services as needed (Fall 2017)
  20. Implemented the Everbridge Emergency Alert System for district and both colleges which includes automatic interface to the Banner System (Summer 2017/Fall 2017)
  21. Modifications to multi-campus handling to replace customizations with Banner baseline for Financial Aid module in preparation for Banner 9 (Review Spring 2016, Live Spring 2017)
  22. Elumen SLO System – LPC to upgrade to Cloud SaaS release – (LPC Fall 2015/Spring 2016)
  23. Banner (Ellucian) Degree Works for Student Degree Audit and Student Ed Plan – Training for Counseling at Colleges (Fall 2016/Fall 2017)

24. Technology Support for Accreditation 2015 for technology project updates and processes (Fall 2015)
25. Selection and installation of new Banner IBM Enterprise Servers to consolidate 6 production servers for Banner, Class-Web, and INB into 2 servers for primary and secondary redundancy (Fall 2016/Fall 2017)
26. Banner Document Management System (BDMS) Expansion to Other Groups - Business Services (Fall 2016/Fall 2017)
27. Expansion of Connectivity speeds for Opteman data lines for all locations for Chabot, Las Positas, District, and Tri-Valley One Stop (Fall 2016)
28. Evaluation of Web Content Management System for colleges and district – Selection of OmniUpdate for colleges and district and installation for Cloud option with Microsoft Azure for Web Servers (Fall 2016/Fall 2017)
29. Purchase of New Adobe Agreement through State Chancellor's office to expand creation of online forms availability (Summer 2015)
30. Major changes made to the Gainful Employment Reporting system using either CLPCCD Custom Code and/or Ellucian new software patch released June 2015 (Summer 2015)
31. Update of Major Codes for Colleges to support new Financial Aid Loan requirements for data submission to National Clearinghouse and NSLDS (Spring 2015/Summer 2015)
32. Provide IPAD equipment and training to achieve paperless Board meetings (Summer 2015)
33. Upgrade of Heartland Credit Card System for student online payments through Banner (Summer 2015)
34. Student Success Support Program (SSSP) – Major Banner changes to student priority registration & MIS State reporting as well as tracking/loading history of student orientations, assessments, & SEPs data (Fall 2013/Spring 2014/Fall 2014)
35. Banner (Ellucian) Degree Works for Student Degree Audit and Student Ed Plan – Chabot SEP for MESA Program (Spring 2013) – College Catalog Scribing Updates (Fall 2014/Spring 2015) – Training for Counseling (Ongoing from Spring 2013)
36. Degree Works major Software upgrade to 4.1.3 (Summer 2014)
37. Banner Document Management System (BDMS) to replace ATIFiler System – Phase 1 A&R( Chabot Summer 2013 and LPC Fall 2013) and LPC Financial Aid (Fall 2012), Phase 2 Payroll Checks (Fall 2012), Purchasing (Spring 2014), and partial Business Services (Fall 2014)
38. Banner Document Management Software upgrade (Fall 2014)
39. Argos Reporting for Enrollment Management (Spring 2014) and High/Low Enrollment Reports (Fall 2014)
40. ARGOS Report Tool for Finance Ledgers/Expenses/Budgets (Fall 2012/2013) followed by other areas Enrollment Management (Spring 2014), Human Resources (Spring 2014), and Institutional Research (Spring 2015)
41. Banner Mobile Applications – New Cloud offering with release upgrades for students grades, course schedules, and account holds (Pilot Spring 2014, Live Fall 2014)
42. Online Chat capabilities e-Advising for Counseling using new feature in SARS products (Chabot Counseling Spring 2014, LPC Counseling Spring 2015)
43. Convert to OpenCCCApply System through State Chancellor's office to replace XAP CCCApply System for student registration (Summer 2014)
44. Convert to BOGW Open CCCApply from XAP System for Financial Aid (Fall 2014)
45. Conversion Novell Operating System to Microsoft Active Directory with college integration (Chabot Spring 2014, District Summer 2014, LPC Summer 2014)
46. Email Archive DataCove System with conversion of Groupwise archives to be followed by Email

- migration to Outlook (Summer 2013 Email Archive, Summer 2014/Fall 2014 Email)
47. Conversion from Windows XP to Windows 7 with Office 2010 following testing of critical systems for compatibility – (System testing Fall 2013/Spring 2014, District Summer 2014, LPC Fall 2014, Chabot Fall 2014)
  48. New exception reporting to track adjunct faculty who may exceed 67% rule (Fall 2014/Spring 2015)
  49. Banner modifications for new negotiated handling of Athletic stipends (Fall 2014/Spring 2015)
  50. New system for Human Resource tracking & reporting employees who work less than 30 hours for Affordable Care Act (ACA) (Fall 2014)
  51. Installation of the Banner upgrade for Database Extended Utility (DBEU) which affected all the Banner modules for forms updates (Spring 2015)
  52. Completion of Faculty Obligation Number (FON) Reporting Improvements and Analysis of Previous Years for Avoidance of Penalties (Fall 2014)
  53. Regulatory Upgrades for Financial Aid 3-4 times annually (Ongoing)
  54. Regulatory Title V Changes – ongoing as new features are finalized (Ongoing)
  55. Human Resources/Payroll and Finance Banner Upgrades (Fall 2014)
  56. Replacement of Grade mailers and other notifications through post office with electronic correspondence with option to request hard copy by exception – working with college A&R (Summer 2013 Grade Mailers, Summer 2014 Other Mailers for appointments, confirmations, mid-term, & prerequisites)
  57. Completion of many of the Bond Measure B projects enumerated on January 2014 two-year bond plan for technology expenses (Fall 2013/Summer 2015)
  58. Completion of Technology design and installation to support the College building renovations and new construction under Bond Measure B (Fall 2013/Summer 2015)
  59. Expansion of Online submission of Help Desk Tickets to District & LPC like did for Chabot (Fall 2013 Chabot & District, LPC Fall 2014)
  60. Sharing of Documents using Luminis Group Studio feature through The ZONE (Available/Procedural)
  61. Release of Gmail for faculty using Zonemail like students do to share Google Docs (Available/Procedural)
  62. Grant Accounting – Evaluated potential usage for Bond accounting (Fall 2015)
  63. Conversion of new Library System OCLC “Worldshare” from the current “Sirsi” System for improved functionality (Fall 2013/Spring 2014)
  64. Replacement of Chabot Video-Conferencing Equipment for Nursing Program & Valley Care Medical (4 classrooms Summer 2013 & Skills lab Spring 2014)
  65. Expansion of AT&T Opteman WAN data lines for increased speed for all locations and addition new data lines for Chabot Nursing to Valley Care (Spring 2014)
  66. Fourth cycle for upgrade of Cisco switches, routers, and firewalls for all locations (Spring 2014)
  67. Student Tracking/Notifications of 1098T for IRS reporting of SSN & TIN (Spring 2014)
  68. Chabot Mentor Teaching Program – Automatic invoicing and payments with interface to the Banner System (Fall 2013)
  69. Argos Reporting for Business Services for Ledgers, Budgets, Expenses, & Fixed Assets (Fall 2012/Fall 2013) and Human Resources for Affordable Care Act (Spring 2014)
  70. New system for data analysis & reporting for the Chabot “Hayward Promise Neighborhood” program with CSUEB (Fall 2012/Summer 2013/Ongoing)
  71. Consolidated Next Generation Storage SANS for large volume storage for Banner Document Management System and Email (Fall 2013)

72. BOGW XAP System through CCCApply for Chabot Financial Aid (Fall 2013)
73. New data collection & reporting system for Gainful Employment (Fall 2013)
74. Chabot Online Nursing Application Phase3 Student provides points for selection process (Fall 2013/Spring 2014) & Similar Application for Dental Hygiene (Fall 2015)
75. Banner System changes for new state mandated Course Repeatability Policy and for handling of course equivalencies and new “family” course groups (new rules for course repeats and curriculum equivalencies Spring 2013, Families Fall 2013).
76. Grade Mailers replaced with SARS-Call email (Fall 2013)
77. Rewrite Budget processing for furloughs and reduced workload for tracking (Fall 2013)
78. Annual Banner upgrades for Human Resources/Payroll and Finance (Fall 2013)
79. Multi-year Banner upgrades for Financial Aid for regulatory mandates (all terms 2013)
80. Automatic Upload of Journals for Business Services (Fall 2013)
81. Review & Evaluation of College of Canyons in-house Program Review System – COC going to Curricunet SLO Assessment and Chabot made the same decision (Fall 2013)
82. Implemented DataCove Archive System for Groupwise Email which is transportable to future Outlook email (Summer 2013)
83. Virtualization of Servers for District Data Center with Blade servers (Summer 2013)
84. Implemented capability for automatic recurring accounts payable payments for Business Services (Summer 2013)
85. Fully automated the Federal ISIR load of Financial Aid student information to Banner which also included the new regulations for the California Dream Act (Fall 2013)
86. Implemented additional Financial Aid features on Banner for students to view Financial Aid awards with pending actions noted and the Financial Aid “shopping sheet” capability for statistical and pricing information on Title IV aid. (Fall 2013)
87. eTranscripts (through CCCApply) for Automatic Transcripts to Send and Receive (Summer 2013)
88. Financial Aid Upgrade for 2013-2014 Aid Year (Summer 2013)
89. Faculty Contract modification to implement new “load sheet” (2013)
90. Faculty Contract modification to create consistent tracking system for “workload banking” (2013)
91. Student Credit Card Payments – Convert from Official Payments to Heartland Payment System for annual savings (2013)
92. Banner Infrastructure Upgrade to all Banner modules and addition of Fusion Middleware component required as a follow on to Oracle 11G Database upgrade (2013)
93. Changes for new State Mandated Course Repeatability Policy for course repeats, equivalencies, and new “family” course concept still being defined. (2013)
94. New Financial Aid features in Banner and enhanced automation for routine processes – Transfer Monitoring and process for new year setup and roll (2013)
95. Evaluation of new Banner CALB Financial Aid module as separate install for BOGW – Evaluation completed and no need to do CALB at this time. (2013)
96. Banner Upgrade for HR/Payroll for new STRS/PERS reporting (2012, 2013)
97. Finance & Human Resources Regulatory release with Position Control and CALB HR (2012,2013)
98. Priority Registration changes based on units (2012)
99. Faculty Contract modification for “Pay by CAH” (2012)
100. Faculty Contract change to provide online forms routed to A&R for “Add” and “Drop” actions after census dates (2012)
101. Faculty Contract modification for handling of Summer 2012 Autopay (2012)

102. Oracle 11G Database Upgrade - Phase 1 prior to Fusion Phase 2 (2012)
103. Updates to Banner Financial Aid to handle the future Dream Act requirements (2012)
104. Banner Automatic Email ROEmail for Financial Aid Award Letters (2012)
105. New Financial Aid features in Banner and enhanced automation for routine processes – Email Correspondence, ISIR Load (2012)
106. Student Eligibility Form for Athletics initially for Chabot and then LPC (2012)
107. Online Technology Request Form for Chabot Technology Committee to satisfy Accreditation (2012)
108. Chabot Online Nursing Application Phase 2 for automating the selection process (2012)
109. Priority Registration for Veterans, Foster Care, and other changes (2012)
110. Regulatory Finance, HR, and Accounts Receivables release upgrades for calendar year end (2012)
111. Addition of summary statistics for student majors on the CLASS-Web faculty Roster screen to show the count of students by major for a specific course (2012)
112. SARS-TRAK for LPC for Financial Aid tracking of students (future replacement for STARS) (2012)
113. Additions to Institutional Research data repository for Veterans data back to 2004 (2012)
114. Audit for Hybrid Courses included new reporting and calculation modifications (2012)
115. Evisions Update to Form Fusion for BDMS, AP, Payroll, PO, and Mailers (2012)
116. Online Submission of Help Desk Ticket in addition to phone and email for Chabot (2012)
117. New Accounts Payable & Payroll Checks (2012)
118. ASCC/ASLPC checks at college sites (2012)
119. Change to online Payroll data to allow access to prior periods during Payroll processing (2012)
120. Online Payroll Paycheck stub using BDMS to replace mailed copies of auto deposits (2012)
121. Title V changes – various changes with the latest being Repeat Checking changes (2010,2011,2012)
122. State MIS Reporting changes from State Chancellor’s Office (2010,2011,2012)
123. Banner Waitlist for students and faculty (2010,2011)
124. Expansion for Waitlist of Banner (Ellucian) Luminis Web Portal The ZONE and Student Gmail (2011)
125. CurricUNET Course Curriculum Phase 1 (2010,2011)
126. SMTP Blade Server for SARS-CALL to handle large volume of student emails for all systems SARS-CALL and Banner emails (2011)
127. Faculty Contract modification for additional “load factor” for selected classes (2011)
128. Online Nursing Application Phase 1 for online application (2011)
129. Surplus System for purchase by students and staff (2011)
130. Inventory Bar Code Scanning System (2011)
- 131.ePAF Personnel Action Form Phase 1 for Recurring hires (2011) 103.
- 132.Banner (Ellucian) SAAS Cloud Technology for Financial Aid (2011) 104
- 133.“Gainful Employment” reporting for State Chancellor’s office Phase 1 (2011)
- 134.Evisions upgrade for Higher One automation of file transfer for Financial Aid (2011)
- 135.New tracking system for FTES state reporting requirements to support audit findings (2011)
- 136.Additional phases for new “Gainful Employment” reporting for State Chancellor’s office (2011)
- 137.State Reporting for BOGW students included modifications based on

- withdrawal date (2011)
138. New MIS Reporting data elements for special projects and EOPS (2011)
  139. Tutoring addition for Chabot using SARS-GRID (2010)
  140. Faculty Obligation Reporting new features for release time and tracking of regular and overload assignments (2010)
  141. Oracle Dataguard Installation for Database recovery (2010)
  142. Vision Solutions Installation for Operating System recovery (2010)
  143. Banner (Ellucian) Upgrade from release 7 to 8 (2009)
  144. Oracle 10G Database Upgrade (2009)
  145. PeopleAdmin Applicant Tracking for Hiring (2009)
  146. Banner (Ellucian) Luminis Web Portal The ZONE (2008,2009)
  147. Fixed Assets Depreciation (2008,2009)
  148. Higher One Debit Card for Financial Aid (2008)
  149. Student Email with Gmail through The ZONE (2008)
  150. Dedicated Help Line for student ZONE and GMAIL calls (2008)
  151. Single Sign On for Blackboard and Gmail through The ZONE (2008)
  152. Crystal Reports (WebI) Ad hoc Reporting (2007,2008)
  153. CollegeNet Room Scheduling for Academics (2007,2008)
  154. Third Party Products - SARS-Trak, SARS-Grid & SARS-CALL, eSARS, PC-Trak, STARS LPC only, PE Chabot only (2007,2008)
  155. Web for Faculty for Online Grades and Drops (2007)
  156. BossCars Parking Permits (2007)
  157. Web for Finance for Expenses and Budgets (2006,2007)
  158. Elumens Student Learning Outcome (2006,2007)
  159. Credit Card Payments & Installments – Official Payments & FACTS (2006)

**A2. “In Progress” Projects (Partially “Completed” or Assigned/Scheduled – Target Dates provided by Term)**

1. Local Installation of Banner 9 for all components for ESM, App Navigator, Admin Pages, Self Service Banner (CLASS-Web), GIT, Eclipse, Page Builder, SSO Manager and EEI for single sign-on, and Tomcat. (Fall 2017/Spring 2018)
2. Consolidation of CALB 8 into the Banner 9 migration to address the CLPCCD customizations for the Student module (Spring 2018/Summer 2018)
3. Banner 9 Migration from Banner 8 for Internet Native Banner (INB) to new Admin pages (Fall 2018)
4. Banner 9 Migration from Banner 8 for Self-Service Banner (Spring 2019/Fall 2019)
5. Implementation of new SARS product offering for “text” capability in addition to current email features (Summer 2018/Fall 2018)
6. Extending “Service Now’ Help Desk System features to incorporate Total Cost of Ownership tracking and monitoring (Fall 2018)
7. Banner Document Management System (BDMS) Expansion to Other Groups – Upgrade BDMS server and software as part of Banner 9 Migration. Phase 3 Chabot Financial Aid (Spring 2019/Fall 2019) and Human Resources & Other Groups (Spring 2019/Fall 2019)
8. ARGOS Report Tool Expansion to Other Groups - Degree Works (Fall 2018) and other User Areas (Fall 2018)
9. CurricUNET Catalog System – Upgrade to Meta version of software (Spring 2019)

10. CurricUNET Addition to current catalog system - Phase 2 for Program Review & SLO Assessment modules to follow after the accreditation review (Fall 2019)
11. Implementation of Credential System for processing of Student Transcripts – (Fall 2018)
12. Web Self Service for Student Request of Transcripts following Banner 9 migration (Spring 2019)
13. Automation of Forms with Workflow Features for routing and approvals for electronic signature – Evaluation and selection of Forms Generation Software by Technology Coordinating Committee Task Force (Summer 2018) followed by implementation (Spring 2019/Fall 2019)
14. Luminis 5.0 Upgrade – Implement as part of Banner 9 migration to replace previous Luminis 4 portal. (Fall 2018)
15. Banner Tool for Data Views (ODS) to support Argos Report Tool following Banner 9 migration (Fall 2019)
16. Major Oracle database upgrade to release 12 following Banner 9 migration (Fall 2019)
17. Implementation of the state’s Online Education Initiative (OEI) for “Canvas” Learning Management System for both colleges to replace Blackboard (Fall 2016 through Summer 2018).
18. Gradual Implementation of OmniUpdate for colleges and district for new webpages using Cloud option with Microsoft Azure for Web Servers (Fall 2017/Fall 2018)
19. Web for Finance for online Requisitions using BDMS for storage PO attachments with Evisions software upgrade to be implemented at the Banner 9 Self Service migration (Spring 2019)
20. Expansion of Banner Mobile Apps using Cloud option as new features become available (On-going)
21. Automation of Faculty Office Hours as follow on to Pay by CAH (Fall 2019)
22. Personnel Action Form ePAF Phase 2 for new jobs for existing employees (Spring 2018/Fall 2019)
23. Review of ZONE with Technology Committee and Students for improvements to webpage (Fall 2018/Spring 2019)
24. Regulatory Upgrades for Financial Aid 3-4 times annually (Ongoing)
25. Human Resources/Payroll, Student, and Finance Banner Upgrades (Ongoing)
26. Automatic Student Billing – dependent on reconciliation of student payment history, evaluate approach after Banner 9 migration (Summer 2019)
27. Additional COTOP process for student fees owed - currently have COTOP Financial Aid loans – related to reconciliation of student payment history (Summer 2019)
28. Bond Measure A projects enumerated on March 2017 bond plan for technology initiatives. (Spring 2017 – On-going)
29. Technology design and installation to support the College building renovations and new construction under remaining Bond Measure B and new Bond Measure A. (Measure A start Fall 2017 – On-going)
30. Design of Distributed Antenna System (DAS) for Improved Cell phone Coverage in internal buildings (LPC in Summer 2018/Fall 2018, Chabot following in Spring 2019/Fall 2019)
31. LPC Telephone System replacement with Avaya System (Spring 2018/Summer 2018)
31. Creation of New 6-year Technology Plan in coordination with new 6-year Facilities Master Plan (Fall 2017/Fall 2018)
32. Implementation of Banner (Ellucian) Recruit Module for student outreach for enrollments and student retention. (Fall 2017/Spring 2018)
33. Implementation of Banner (Ellucian) Advise Module for student retention and early alerts monitoring for currently enrolled students (Summer 2018/Fall 2018)

34. WiFi Replacement for colleges under Measure A - Expand WiFi at college campuses which includes coordination with Facilities on needed cabling upgrades in older buildings (Fall 2017/Summer 2018)
35. Evaluate and standardize on new smart classroom configuration to provide Enhanced Learning Environment (On-going)
36. Update of PC hardware and software with new configurations requiring Windows 10 and MS Office 2016 (Fall 2018/On-going)
37. Conduct a pilot on using the new Tableau software that the Institutional Research offices at both colleges utilize as a possible replacement for the Argos ad-hoc report tool (Fall 2018/Fall 2019)
38. Unicon Single Sign On software to be implemented to support the Open CCCApply System (Spring 2018) and the Canvas Learning Management System (Fall 2018)

**A3. “To Be Scheduled” Projects (Dependent on other projects or available resources or On Hold)**

39. Expanded Use of Banner Tool for Data Views (ODS) to support Argos Report Tool for all User Areas
40. New Banner module for Data Warehouse (EDW) capabilities for trend analysis
41. Banner (Ellucian) Advancement module for Alumni
42. Automate Timesheets online using Banner
43. Implementation of WebEx type Video tool to allow faculty ability to login and participate in classes remotely via Web requested by College Technology Committees
44. Centralized Streaming Video Services for colleges and district
45. Lecture Capture capabilities for faculty and students
46. Review of Banner’s Faculty & Compensation Module (FLAC) to replace the CLPCCD custom “autopay” program – to be evaluated after Banner 9 migration is completed
47. Assess available tools for sharing of data across all three CLPCCD locations including new Windows options now that Outlook and Active Directory are used district-wide