



Academic Technology Services & Academic Technology Committee Academic Year in Review 2011/2012

Google Apps

- ATC and ATS managed the successful implementation of the **Google Apps** system, including Google Docs, Google Calendar, and Google Chat which replaced the Sun ONE email system for student and adjunct faculty accounts. This transition provides cost savings related to server management and staff labor for support as well as increased functionality. **NOTE - 20,089 user accounts total with over 1,300 active users to date, 55,881 MB of data usage in GMAIL, 309 docs, 372 spreadsheets, 39 presentations, 27 forms, and 57 uploaded files to GDrives**

Moodle LMS Implementation

- ATC and ATS managed the evaluation process, vetted vendors, handled selection and completed the full successful implementation of a new MOODLE Learning Management System to replace the ANGEL LMS. This initiative allowed us to add a number of new features to our online learning environment while significantly reducing our total cost of ownership
- Added **Mobile Application** to allow access to system from all mobile devices
- Added **E-Portfolio System**, eliminating the need for planned expenditures of over \$15,000 in the 2012/2013 year for this project.
- Added **Social Application** to allow students to create communities and foster deeper and more robust student / instructor interactions
- Added **Personal Learning Designer** to allow for adaptive release, conditional activities, and a highly customizable learning experience design in Moodle courses
- ATS reengineered Learner Guide Delivery for over 90 ACCEL program courses, reducing staff time for the program office and simplifying user experience for ACCEL students
- ATS exported, converted and migrated over 1300 ANGEL courses to the new MOODLE environment as a service to the faculty at a savings of over **\$60,000.00**

iPad Pilot Programs

- ATS researched, procured and managed a multistage distribution pilot program of iPad devices to approximately 75 faculty and members of the executive leadership as part of a pilot program to expand the university's familiarity and comfort with mobile technologies. This pilot program led directly to the establishment of new courses in the main curriculum that will use iPad devices with the students, increasing potential enrollment and enhancing student experience:
 - Interdisciplinary Education and Communications Course: 20 iPads + Cart and Laptop
 - Education Department (LH218): 10 iPads + Cart and laptop

Lecture Capture

- ATS established an Echo360 Lecture Capture studio in the Media Classroom of Gabriele Library with the coordination and support of the Library to allow faculty to record and archive presentations, lectures, discussions, webinars, meetings and training sessions for on-demand



delivery via the internet. **NOTE - Over 80 recorded Echo sessions to date used by Biology, Chemistry, Education, and English departments.**

Global Desktop Pilot

- ATC and ATS conducted a pilot with thin client computers and a Citrix server environment to determine feasibility of virtualization at Immaculata. It was determined that the business case was not strong enough to support further investment at this time.

Web Sites & Systems

- **Online Self Help Materials** - Developed FAQ system at <http://ats.immaculata.edu/faq.php> containing over 250 articles. The system has received over 13,000 visits to date with an average article rating of 94% positive. This provides readily accessible self-help assistance to our students and faculty for a wide range of topics and greatly reduces the number of technology support requests, reducing staff time investment and related costs.
- **ATS Website** – located at <http://ats.immaculata.edu> , this site continues to grow, featuring automated event registration tools and providing information to site visitors.
- **OTS Blog** – new site established for announcements and tips at <http://ats.immaculata.edu/ots-blog/>
- **AIE Website** – new site designed for Curriculum Development at <http://ats.immaculata.edu/AIE/> developed for use in outreach
- **TSOL Website** – new system at <http://ats.immaculata.edu/chamilo/> developed for use as an assignment submission system
- **Sandbox Systems** – Moodle, Joomla, Xoops, MediaWiki, and other open source web systems installed and tested on existing web host to assess feasibility and possible usefulness. Sandbox includes a collection of tools used for students in system administration courses for hands-on experience.
- **Middle States Facilitation** - Established an online collaboration environment using SharePoint for all workgroup members of the 14 standards and supported the unified coordination involved in the Middle States self study processes.

Multimedia, Video & Communications

- **SlideRocket** – Introduced SlideRocket to campus for presentation collaboration and provided account access to CLL and ACCEL which improved their offsite outreach visits.
- **YouTube** - Expanded the ATS channel usage to provide access to hundreds of new instructional videos in conjunction with new LMS and related tools
- **Skype** – Administered numerous sessions for synchronous video conferencing saving travel costs involved in the hiring and interview process for a number of departments including virtual classroom discussions with material experts for academic subjects, job interviews with potential candidates, and interviews with new potential faculty
- **GoToMeeting** – Service was provided for synchronous online video and multimedia conferencing, saving travel costs associated with conducting live in person group collaboration sessions:
 - Frequent, regular conference calls for Student Success for the Starfish integration project
 - June 2012 – Connected 19 locations virtually for Dietetic Preceptor Training



Professional Development Services & Support

The ATS team conducted numerous training programs on a variety of technology and instructional topics, saving the university an estimated \$228,500.00 in potential training and support expenses.

- **LMS Training** - Provided thirty five (35) ANGEL LMS training sessions in the early part of the 2011/2012 year and conducted forty (40) two-hour MOODLE LMS training seminars and hands-on workshops between March and June in all introductory and topical MOODLE skills. We also conducted 11 specialized departmental sessions during nights and weekends as needed in preparation for the migration to Moodle. This in-house provision of LMS training resulted in an estimated **Value Added** to the university far in excess of \$160,000.00 for the 2011/2012 school year.
- **Support Clinics** – Conducted six (6) half-day open support clinics that were used by over 30 instructors and numerous students on the topics of iPads and Google Apps at an estimated **Value Added** to the university exceeding \$6,000.00.
- **Workshops** - Delivered seven (7) professional development workshops open to the entire Immaculata community at an estimated **Value Added** to the University exceeding \$35,000.00.
- **Lunch and Learn Sessions** – Delivered four (4) “lunch and learn” sessions open to the entire Immaculata community at an estimated **Value Added** to the university exceeding \$20,000.00.
- **One-on-One Support** - Conducted approximately fifty (50) one-on-one support sessions with individual faculty and staff on topics including iPads, Visio, MS Office 2007, ANGEL, Prezi, SlideRocket, iMOvie, Drupal, Podcasting, Photoshop, Captivate, Go-To-Meeting, Digital Recording, Skype, Screen Capture, blogging, wikis, twitter, and Web 2.0 technologies, with an estimated **Value Added** to the university of approximately \$7,500.00.
- **Virtual Training** - ATS has realized the first fully online virtual training program here at Immaculata for faculty training. This has greatly improved the support for use of the university LMS and reduced travel and training costs associated with orientation for our cohort and adjunct instructors. This new approach to delivering professional development provides an alternative option to our on-site faculty, reducing the need for support sessions and eliminating dependence upon face to face training sessions.
 - Virtual Courses for Moodle have been well utilized by faculty to date; 63 have taken advantage of the Virtual “Introduction to Moodle” course, and 48 have been actively using the “Course Building Fundamentals” course.