CALS Communications and Cyber Technologies (CCT)  
Service Catalog

Web Hosting

Static-HTML Website Hosting: free  
Sites developed in Dreamweaver or other HTML development software that do not require a database.

Database-backed Website Hosting: $200/year.  
This includes Drupal, Wordpress, custom PHP websites, etc.

Dedicated Virtual Server: $1000/year.  
Your own Linux or Windows server that allows you to install any web or database software (which may not be available in the College’s shared hosting environment). Your application(s) will be hosted separately from the rest of the College’s web applications, providing greater performance, dedicated RAM and additional disk space. The Virtual server is placed on redundant computing hardware, which keeps your application responsive during a network, storage, or CPU failure. You will get full administrative access to the server and a suite of web-based monitoring tools. This is an alternative to our shared hosting environment and the $200/year hosting fee for database-backed websites.

Web Development

New Website Development: flat rate, per estimate  
Design and develop departmental and grant-based websites using content management systems (such as Drupal), as well as GIS and web-based mapping applications, mobile applications, and online curriculum.

Website Conversion: flat rate, per estimate  
Convert an existing static-HTML, Joomla, or Wordpress site (etc) to Drupal.

Website Content Migration: flat rate or hourly at $45/hr, per estimate  
Migrate content from an existing site to a newer Drupal-based website.

Website Re-Design: flat rate, per estimate  
Our graphic designer will give your site a new, modern look by designing proofs for feedback and converting those proofs to HTML or a Drupal-based theme that are responsive to varying screen sizes. The site will look acceptable on desktop, tablets, and mobile phones.
**Website Logo Design: flat rate, per estimate**
Design a custom logo for your department or organization.

**Website Maintenance: flat rate, retainer fee, or hourly at $45/hr, per estimate**
Re-develop existing sites, add new sections or functionality, and perform maintenance and changes when needed.

**Website Application Scanning: $45 per application**
Scan website for security threats. Mitigate issues.

**Drupal Core Updates: free**
When Drupal releases a new minor version, we upgrade the Drupal core, then ask you to submit the site’s upgrade.php script.

**Drupal Site Module Updates - Per Request: $45/hr**
Upgrade test, and debug, in a controlled development environment before pushing the changes to your production site.

**Drupal Site Module Updates - Monthly Subscription: $75/month**
Using the procedure above, our staff will monitor your site and upgrade modules as needed, on a monthly basis.

**Mobile Development**

**Native Mobile Applications: flat-rate, per estimate**
Mobile applications that are specifically targeted for iOS or Android devices.

**Mobile Web Applications: flat rate, per estimate**
Mobile applications that are built using HTML 5, CSS 3 and JavaScript that can be run from the browser and are platform independent.

**GIS and Mapping Applications**

**Web Mapping Applications: flat-rate, per estimate**
Develop mapping applications for web browsers using a variety of mapping APIs. Developed in JavaScript, Flash, or Silverlight.

**Mobile Mapping Applications: flat-rate, per estimate**
Develop in-field mapping applications that are targeted for tablets and mobile phones. These applications can provide users the ability to perform in-field edits and save those edits back to a mobile-deployed dataset or enterprise database.

**GIS Infrastructure Design and Development**

- Design and implement GIS Application Servers such as ArcGIS Server or GeoServer that serve GIS data to web, mobile, and desktop clients.
• Design and implement Spatial Database Management Systems such as ArcSDE or PostGIS that store or retrieve spatial data in a multi-user environment.

Typical Types of Sites and Audiences

• Department Sites
• Research Lab Sites
• Conferences and Events
• Digital Collections
• Reservation/Sign Up Sites
• Citizen Science/Peer-Driven Sites
• Outreach Sites
• Mobile Applications
• Mapping Applications

Typical Features & Add-Ons

• Manage Multiple Users/Editors – Various Permissions and Privileges
• UA WebAuth or 3rd Party Authentication
• Publication Tools – Workflow management
• Calendar Events
• Faceted Searching
• Blogs
• Forums
• File Sharing – Dropbox Integration
• Web Forms and Surveys
• Reservation/Checkout Systems
• Credit Card Processing
• Image Galleries, Rotating Slideshows
• Featured Stories or Events
• Mobile-Responsive Design
• Mapping
• Charting and Graphs
• Statistical Data Analysis
• Twitter Integration
• RSS Feed Dissemination
• Mass Emailing
• Data Harvesting from OAI, DSpace, external CMS’s.
• Data Importing from CSV
• Data Export to Excel
• Google Analytics / Search Engine Optimization
Print Design and Desktop Publication

Desktop Publication – Journal Articles and Reports: flat-rate, per estimate
Need to create a newsletter, magazine, or annual report? Our graphic design staff will collect your photos, charts, and logos and arrange them within your document to give it a professional look and feel.

Marketing Material: flat-rate, per estimate
Our design staff will create engaging marketing material that’s unique to your work but incorporates elements of the University of Arizona Brand. Work includes brochures, pamphlets, flyers, posters and recruitment material.

Extension Publications: free
Our design staff will design your peer-reviewed Extension Publication, add the Extension banner and contact info, and assign it an “AZ Number”. We’ll then upload it to the CALS Online Extension Publication Database (http://extension.arizona.edu/pubs) and the Institutional Repository at the University of Arizona Library (http://dlist.sir.arizona.edu).

Logos: flat-rate, per estimate
We design creative, professional logos using graphic elements of your work, purpose, and vision.
**Video Services**

**Video Production: flat rate, per estimate**
CALS CCT offers a full range of video production. Is your research team interested in exploring the possibilities of telling your compelling story to the public? Or would you rather target your outreach to tightly integrated video and web design projects that you can use to reach specific users or funding sources? In either case, we can bring your message to life and get it the audience that needs to see it. Our unit produces smaller projects on an ongoing basis.

Each one is different, so let’s sit down and get creative together to figure exactly how to approach yours. Is documentary style the best, maybe something exciting to promote the cause, or how about an interactive web product? How can we tie what we do into your other social presences on the web . . . Can we facilitate a product that is best suited for a news outlet? Perhaps the way to approach your project is something tailored for a specific audience that may be involved in funding the next phase of the project. You tell us what you need and we’ll help craft the answer.

On a larger time frame, our unit will be creating a series of in depth video documentaries to help the public understand the complex and exciting stories that play out here every day. This university impacts the world we live in many ways through our core missions of education, research, and extension. How does the research being conducted here, interconnect to illuminate the big questions we are asking today? What are the stories of the people who work here, learn here, or dream of being part of one of the best universities in the world? How does what we do here, extend and influence industry, science, and our communities? But most importantly, are you interested being a part of a project like this?

The Video CCT team is looking forward to working with you!

**Other Video Services: flat rate, per estimate**
What about having a lecture filmed or getting a DVD/Blueray duplicated? No matter what size of project or complexity, the odds are that the CCT video team can help facilitate the solution.

- DVD and Blu-ray Duplication
- Final Cut and Adobe editing
- Innovative DVD/Blueray menu authoring
- Short, high impact promotional videos
- Pre-production, production, and post production support
- Integrated multimedia web experiences
Classroom Technology Support

In-Room Video Conferencing: free
CALS has several rooms of various sizes available with technology that creates collaborative environments between universities, conferences, distance classes, and defenses.

Web/Online Conferencing: free
We currently have a license for an 8 seat Cisco WebEx conference. In addition, we can obtain limited time licenses for larger conferences, short courses and events.

Panapto Software and Support: free
Panopto is a software platform that provides lecture recording, screencasting, video streaming, and video content management software, which is often used in E-learning environments.

Collaborate Software and Support: free
Formerly Elluminate, the current version offers many improvements, chiefly greatly improved audio conferencing capabilities. This application has not gained widespread popularity among CALS users due to a less than user friendly interface and limitations with early versions. However, it has proven highly reliable and has the capability of much larger webcasts than any other no (or low) cost option.