Project WolfWare

A system to unify course-locker management at NC State University by Team WolfWare.
The Goals of WolfWare

WolfWare's goal is to build a framework for a comprehensive Web-based instructional environment inside the NC State University Eos/Unity Realm. As the demands for effective online material grows, instructors require more sophisticated methods of interacting with students. WolfWare facilitates this interaction.
What is WolfWare?

WolfWare enables faculty-student interaction in an environment rich with pedagogical tools, such as: uniform locker space, submission tool, messaging forum, mailing lists, Web content creation tools, and course management tools. WolfWare is adaptable and scalable to address future needs.
X+YYY[Z]

X+ = departmental abbreviation
(typically this is 1-4 characters)

YYY = the 3 digit number representing the course

Z = an optional single letter suffix
(provides for [L]ab courses, etc.)
Locker Location

/afs/eos.ncsu.edu/courses/X+/X+YYY[Z]

- csc495j

/afs/eos.ncsu.edu/courses/csc/csc495j

- e115

/afs/eos.ncsu.edu/courses/e/e115

- ma505

/afs/eos.ncsu.edu/courses/ma/ma505
Tools of WolfWare

- Message Board
- Submit (Homework Submissions)
- Course Email (Mailing Lists)
WolfWare: **Message Board**

- Allows discussion forums
- Instructor configurable
- User access can be restricted to read/post
- User access can be restricted to class/section/realm
- Controls set per forum/per section/per class
WolfWare: **Submit**

- Web-based interface (platform independence)
- Allows any type of file to be submitted
- Uses SSL to secure the homework as it is transmitted
- Secure file storage area
WolfWare: Course Email

- Allows instructor to email a course: ece517-001@classmail.ncsu.edu
- Allows instructors/TAs to be contacted: ma141-sup@classmail.ncsu.edu
- Allows anonymous course comments: e115-001-comments@classmail.ncsu.edu
- Uses preferred email lists (TRACS for students, Telecommunications for faculty)
WolfWare: Administration

- Web-Based (platform independence)
- Administration tool for instructors
- Web access control tool (WRAP)
- Departmental Administration Tool
WolfWare: Instructor Admin

- Automatic add/delete student for a course via Reg&Rec database feeds
- Add/Delete extras for a course
- Add/Delete additional support personnel
- Generate boilerplate home page for all the courses with links to individual sections
WolfWare: Web Access Tools

- Allows instructor to lock Web space for exclusive access by realm, section, class, or user list
- Protects private information from being used by individuals who should not have access
- Provides the ability to protect copyrighted works online
WolfWare: Web Content

WolfWare allows standard content tools to create/modify Web pages.

- **Dreamweaver**
- **Blackboard**
- **ColdFusion**
- **FrontPage**
- Any text based editor (vi, notepad, pico, etc)
WolfWare: Department Admin

- Allows departments to create class lockers
- Permits departments to archive lockers and restore archives
- Provides a preparation area for next semester’s course
WolfWare: Future Additions

- Integrated calendar tool
- Course syllabus wizard
- Online grading
- Online grade posting
- Tighter integration of content creation tools
Come visit our booth for more information or to register interest in being a test course in the spring of 2000.

http://wolfware.ncsu.edu/info/