**Rubric developed for ETEC565 by:**

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| LMS Evaluation Rubric |
| Considerations | (0) Inadequate | (1) Somewhat adequate | (2) Adequate | (3) Fully Meets Needs |
| Stability | • The platform has not been load tested at all.  | • The platform has been tested under load. | • The platform has been tested under load. | • The platform has been tested under load, |
| • Stability is uncertain | • Provides unpredictable stability under high network demand | • Provides stability metrics to aid in failure | • Provides for automated mirrored backup  |
| • Recovery is uncertain | • Poor recovery in failure (failures may be partial or fatal) | • Recovery rate is strong | • Recovery is automatic and has high success rate |
| Compatibility | • Does not support dual platform  | • Supports dual platform with some degree of reliability | • Cross-platform with some degree of reliability | • Cross-platform with high reliability |
| • Major upgrade/replacement of current hardware required to run | • Is compatible with current hardware with minor upgrade  | • Compatible with current hardware minimal modification needed | • Compatible with current hardware - little or no modification needed |
| • Is dependent on a single browser | • Runs well on one browser; may run with some technical issues on others | • Runs on a variety of popular browsers with minimal differences | • Is highly compatible and runs easily on multiple browsers |
| Adaptability | • Server load may not be reduced by clustering | • Server load is difficult to share across a cluster of servers | • Server load can be reduced by adding new machines with some support and some downtime  | • Server load can be easily reduced by adding new machines (clusterable) while the LMS is online  |
| • Cannot take advantage of 64bit servers  | • Cannot take advantage of 64bit servers  | • Can take advantage of 64bit servers  | • Can take advantage of 64bit servers  |
| • Content is in a proprietary format and not portable in the event of failure  | • Content is in a proprietary format but is portable with minor modifications  | • Content is in standards-based format though portability requires some modifications | • Content is in a standards-based format and is readily portable  |
| • Software is updated rarely and updates disrupt course access for long periods of time | • Updates of software occur on an irregular timeline and disrupt course access for short periods. | • Regular updates of software are automatic but may disrupt course access for short, predictable periods of time | • Regular updates of software are regular, automatic and do not disrupt course access |
| Extensibility | • Is not adaptable to 3rd party systems  | • May be adapted to some 3rd party systems, but requires modificationsand can be unstable | • Adapts to and makes use of some 3rd party systems. May be unstable with others | • Easily adapts to and makes use of most 3rd party systems (flickr, youtube, dropbox) |
| • Cannot sync with tangible media (DVD, CD-ROM, etc)  | • Cannot sync with tangible media (DVD, CD-ROM, etc) | • Can sync with tangible media (DVD, CD-ROM, etc) | • Can sync with tangible media (DVD, CD-ROM, etc) |
| Hosting | • Affords only remote hosting;poor history of reliability | • Affords only remote hosting; history of reliability uncertain | • Affords remote hosting with a history of reliability  | • Affords on-site or remote hosting with a solid history of reliability |
| SupportSupport cont. | • Technical support for course designers is not available at this time | • Technical support for course designers is available during limited time (no evening/weekends) | • Technical support for course designers is timely and readily available | • Technical support for course designers is timely and readily available |
| • Technical support for students is not available at this time | • Technical support for students is available during limited time (no evening/weekends) | • Technical support for students is readily available and accessible  | • Technical support for students is readily available and accessible |
| •Technical support is not available on demand  | • Technical support is available during limited timeframes | • Technical support is available during set timeframes | •Technical support is available on demand (not time dependent)  |
| • Technical support is available in English only  | • Technical support is available in limited languages | • Technical support is available in multiple languages  | • Technical support is available in multiple languages (including mandarin and Cantonese) |
| Accessibility | • Does not easily support a variety of languages | • Supports a variety of languages with some technical support | •Can be configured to support various language groups by course designers  | • Is auto-localizable for various language groups by designers and students (for discussion groups for example) |
| • Is not adaptable for visually impaired students  | • Is not easily adaptable for visually impaired students | • May be adapted for students with visual impairments with minor modifications | • Is accessible to students with visual impairments (voice enabled) and may be adapted to some other disabilities |
| Interactivity | • Affords only asynchronous communication  | • Affords synchronous and asynchronous communication but may have some technical difficulties  | • Affords synchronous and asynchronous communication with minimal difficulty  | • Affords multiple stable options for synchronous and asynchronous communication  |
| Security | • Student Data and flat files (uploaded docs, etc.) stored in plain text files unsecured on system | • Data is stored in a secure database and flat files are stored unsecured on the file system  | • Data and files are stored in a secure database  | • Data and files are encrypted and stored in a secure database  |
| User Interface (Designer/Instructor) | • The LMS does not affords templates for courses design   | • The LMS affords a limited non-customized templates for courses design | • The LMS affords a variety of templates for courses and is easily customized by the course designer to meet specific needs  | • The LMS affords a variety of templates for courses and is easily customized by the course designer to meet specific needs  |
| User Interface (Student) | • Navigation through the LMS is difficult for the learner.  Affordances are not recognizable | • LMS has functions and affordances that may be recognizable to the learner | • LMS is designed to provide affordances recognizable to the learner | • LMS is intuitive to the learner with recognizable affordances common to many other programs |
| Assessment | • No assessment tools within system design | • Limited assessment tools are built into the system but cannot be modified by course designer  | • Some assessment tools are built into the system and may be modified by course designer  | • Multiple Assessment tools are built into the system and are customizable by course designer or instructor  |
| Licensing Costs | • LMS software licensing is unaffordable | • LMS software has a per user license that may become unaffordable  | • LMS software has a per user license includes options for growth | • LMS software has an affordable pay-once license  |