

# LMS Requirements

High-Level No.	Req. No.	Functional Requirements				
001		<b>Course Delivery Requirements</b> <i>Definition: The ability to store, launch, and score computer-based training materials (CBT) and ensure proper exit protocols.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Centrally store and reuse audio, video, graphics, animation, and text objects for training				1
	002	Provide a central repository for training material				1
	003	Provide a means for local printing				1
	004	Provide the ability to bookmark and exit a course to return later at same point in course				1
	005	Provide optional locked screen mode to prevent students from closing the application as opposed to exiting the course				1
	006	Score a test/evaluation online				1

High-Level No.	Req. No.	Functional Requirements				
002		<b>Curriculum and Certification Management Requirements</b> <i>Definition: Requirements that pertain to a curriculum.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Provide on online catalog				1
	002	Set course prerequisites (required and recommended)				1
	003	Sort and filter catalog to build a curriculum for a student, a group, or a subgroup of students				1
	004	Add new curriculums with template				1
	005	Provide the ability to modify course status without deleting the course from the catalog				1
	006	Print certificates automatically when a student successfully completes a CBT				1
	007	Courses can be scheduled for non-contiguous days				1
	008	Cancel a class				1

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High-Level No.	Req. No.	Functional Requirements				
003		<b>Skills Management Requirements</b> <i>Definition: Associates training with skills and competencies in order to build a curriculum and to track certification.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Provide the ability to load skills or competencies	Perform.com			1
	002	Link competencies to courses				1
	003	Link competencies to tests				1
	004	Builds training plans	Perform.com			1
	005	Perform skill gap analysis	Perform.com			1
	006	Recommend training based on skill set evaluation and predefined guidelines				1
	007	Presents students with list of courses to further career goals				1
	008	Provide the ability for a supervisor to recommend a competency curriculum				1
	009	Notification of expiring certifications				1
	010	Assign and record grades that can be pass / fail				1
	011					
	012					
	013					
	014					

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High-Level No.	Req. No.	Functional Requirements				
004		<b>Registration Requirements</b> <i>Definition: Requirements for the registration / enrollment process.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Provide online self-registration for instructor-led courses, conferences, and CBTs				1
	002	Provide group registration				1
	003	Generate registration email confirmation				1
	004	Generate cancellation email confirmation				1
	005	Print name tags based on class roster				1
	006	Print table tents				1
	007	Provide email notification of class changes				1
	008	Provide and enforce registration cutoff time				1
	009	Provide and enforce cancellation (by student) cutoff time				1
	010	Set minimum and maximum enrollment limits				1
	011	Assign status for student cancellations, no-shows, and attendance				1
	012	Order training materials and generate pick list				1
	013	Provide a schedule of classes				1
	014	Provide a description of the course				1
	015	Allow Computer-Based Training or instructor-led training				1
	016	Provide searchable catalog by title, subject, course ID, or keyword				1
	017					1

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High-Level No.	Req. No.	Functional Requirements				
005		<b>Feedback and Surveys</b> <i>Definition: Evaluations.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Maintain records of employee satisfaction surveys				1
	002	Provide training evaluation functionality				1
	003	Support student evaluation of system or evaluation of students after training				1
	004	Support course evaluation by supervisors				1
	005	Create and manage surveys independent of course				1

High-Level No.	Req. No.	Functional Requirements				
006		<b>Customer Care</b> <i>Definition: Online help.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Provide online tutorial				1
	002	Provide online help				1

High-Level No.	Req. No.	Functional Requirements				
007		<b>Configuration Requirements</b> <i>Definition: Requirements for commonly configured items.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Provide customizable user interface (graphics, fonts, headings, and labels can be modified) with the ability to brand all pages				1
	002	Provide the ability to customize pages/branding				1
	003	Compatible with principal authoring tools				1

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008		<b>Standards Requirements</b> <i>Definition: Requirements detailing the accepted standards to which the system will comply.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Provide the ability to efficiently insert Meta tags into all web pages of the LMS				
	002	Compatible with MAPI email system (a Microsoft standard)				
	003	Supports standard RDBMS such as Oracle 7.0				
	004	Tracks and provides proof of compliance with ISO9000				
	005	Compatible with TCP/IP				
	006	Requires web browser only; no plug-ins IE 4.01 or Netscape 4.0 minimum				
	007	Provide interface consistent with MS Windows				
	008	Support Oracle database				
	009	JDBC compliant				
	010	ODBC compliant				
	011	Provide database structure using Microsoft Soap standards for XML				
	012	Store all data in central database				
	013	Provide the ability to batch-load data				
	014	Utilize modular architecture				
	015	Allow content driven by user provisioning via an aggregator				
	016	AICC and SCORM compliant				

# LMS Requirements

High-Level No.	Req. No.	Technical Requirements				
009		<b>Security Requirements</b> <i>Definition: Requirements pertaining to the protection of SFA LMS and its data.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Provide multiple levels of administrative access	SFA Univ Requirement			1
	002	Determine user access levels by user ID and password	SFA Univ Requirement			1
	003	Maintain security authorization level audit trails of who entered the data and when	SFA Univ Requirement			1

High-Level No.	Req. No.	Business Requirements				
010		<b>Reporting Requirements</b> <i>Definition: Requirements for reports to be generated for SFA decision-making purposes.</i>				
		Requirement	Notes	Questions/Comments	Priority	Phase
	001	Provide standard reports; please list				1
	002	Provide enrollment and registration reports				1
	003	Generate reports on student attendance				1
	004	Export reports to other applications, MS Excel in particular				1
	005	Generate report on class and course statistics				1
	006	Generate report on training satisfaction survey				1
	007	Generate reports about certification				1
	008	Stamp electronic records with timestamps and modifier information to provide audit trail. Some audit trails will need to be online.				1
	009	Provide the ability for records to have effective and termination dates so that history can be kept. Ex. When a course's content changes, the old content information can still be retrieved.				1
	010	Create ad hoc reports by field				1