



**SDSU**  
presents  
a thesis defense for  
Master of Science  
degree in  
Computer Science

Wednesday,  
November 27, 2013

3:30pm  
GMCS 405

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# Luma Zakaria

## *Arabic Culture Course Management System*

### Abstract

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Web based course management can greatly help instructors to easily manage courses; it also provides a good way for students to follow lectures, assignments and tests. The Arabic language department at SDSU has shown an increasing interest in such systems. This thesis project builds a product called Arabic Culture Course Management System that is designed and implemented specifically to meet the need of Arabic language department professors. This product is built on top of Moodle, an open source management system (CMS) designed for educator to create an online dynamic web sites; this framework is very popular among SDSU professors, especially LARC (Language Acquisition Resource Center). This thesis project decouples configuration and installation of Moodle from creating course contents; so that professors focus solely on building and designing a complete course and allow an easy way to upload lectures, build assignments and tests, set up due dates, track students grades and create reports. This thesis project can improved to include Moodle Mobile App which gives teachers the ability to use their smart phone to manage their courses.

### Thesis Committee

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Carl Eckberg, Thesis Chair, Department of Computer Science  
William Root, Department of Computer Science  
Ghada Osman, Dept. of Linguistics & Asian/Middle Eastern Languages