

Notice of University Oral Examination Master of Science in Engineering

Improving Project Management Capability in Medium Sized Manufacturing Organizations

Dan Colwell

DATE: Friday, Sept 9, 2011
TIME: 9:00 am
LOCATION: H 303 – Head Hall

A pdf of the thesis is available in the CE Office for the period Sept 2- 9th, 2011

Examining Committee

Chairperson: Dr. Eric Hildebrand
Supervisor: Dr. Lloyd Waugh
Reader: Dr. Jeff Rankin
Reader: Dr. Ming Zhong
External Reader: Dr. Guida Bendrich, Dept. Chemical Engineering

ABSTRACT:

The goal of this thesis is to develop a sustainable, multi-module framework to facilitate continuous improvement of capital project management capability in a medium sized manufacturing organization. A commercially available continuous improvement process is sourced, trialed with a case study organization and critiqued. Feedback from a medium sized manufacturing organization indicates specific aspects of the above framework which compliment the isolated use of the commercially available benchmarking tool. Information and Communication Technology (ICT) applications are investigated and trialed with a case study organization to determine if ICT is part of the solution. A multi-module sustainable framework to increase organizational project management capability is proposed addressing gaps and issues for the targeted application. Findings from the case study are extended to other organizations (methodology, deliverable, scope).