Introduction

RESEARCH PROJECT MANAGEMENT
Welcome

Welcome to the community of College Applied Research.

College applied research is normally led by industry needs and goals. Industry is defined broadly as companies or community organizations, including not-for-profit companies and NGOs. The research is conducted by research teams, led by faculty or staff experts, and incorporating student research assistants and industry partners. Students are the number one tool to achieve the objective of transferring knowledge to business and industry partners, through their experience gained in applied research projects, and as skilled and knowledgeable graduates.

This Research Project Management series of modules have been developed as part of a collaboration of Ontario Colleges. They have been prepared by Niagara College and George Brown College in 2009 as part of the deliverables of a three year project funded by the Ontario Ministry of Research and Innovation, the Colleges Ontario Network for Industry Innovation (CONII).
Organization

The series has been organized around 3 components of research:

- Research Fundamentals
- Planning Your Research Project
- Conducting Your Research Project

Each component contains a series of Modules that may be considered as a stand-alone curriculum or as part of the whole
Together the components of Research Project Management form the equivalent of a three credit college course. The course is designed to develop a competent, educated student researcher with the knowledge and skills to plan, execute, and report on a research project. The course focuses on research fundamentals, qualities of good research and the importance of a high performing research team. Methods of identifying research questions or hypotheses, preparing a research plan, and conducting research are discussed and practised, along with the various tools and strategies for managing a research project, analyzing research findings, and disseminating research results.
Course Learning Outcomes

At the completion of the course students will be able to:

- Identify the types, characteristics, and components of research
- Demonstrate professionalism in team participation and team management
- Conduct an effective literature search using a variety of print and electronic sources
- Identify an appropriate research project, and prepare a Letter of Intent for a potential partner or funder
- Explore issues of accountability to various stakeholders in the research project
- Prepare a work plan, budget, and funding proposal for the proposed research project
- Identify appropriate tools and strategies for data analysis and project evaluation
- Investigate and identify a dissemination strategy and tools
- Demonstrate learning throughout the course through the development of a final Research Project Manual
Acknowledgements

This Research curriculum has been developed by:

- Niagara College: Marti Jurmain, Director, Research and Innovation
- George Brown College: Julie Gaudet, Professor

The full curriculum was pilot tested in fall, 2009 with the post-graduate students in the Niagara College Wine Business Management program.