

Executive Summary:

Conestoga College ITAL (Conestoga) and George Brown College (George Brown) have worked in partnership to complete the review of the following three year advanced diploma programs offered by George Brown in order to establish educational pathways into Conestoga's Bachelor of Engineering - Mechanical Systems Engineering program, 1066C (MSE):

Mechanical Engineering Technology – Design, T121 (MET)

Electromechanical Engineering Technology - Building Automation, T171 (EET-BA)

Project Overview:

Stage One - Gap Analysis:

The George Brown MET and EET-BA project members visited Conestoga on April 16, 2014 to tour the engineering facilities, discuss project expectations, and confirm timelines and individual responsibilities for the MET and EET-BA gap analysis and bridge development.

George Brown provided to Conestoga MET and EET-BA program design matrices, learning outcomes, and all course outlines for both programs. Additionally, program maps demonstrating how the program learning outcomes are met through the individual MET and EET-BA program curriculum were supplied.

Conestoga completed a comprehensive gap analysis for the MET and EET-BA programs in comparison to Conestoga's MSE program ([Appendix A](#)). In sharing their findings with George Brown, Conestoga made the following recommendations to ensure appropriate pathways from the MET and EET-BA programs to the MSE degree: