**Essential Project Elements**

**Russ & Mike: Simple DC Motor Lab**

Audience Required Elements Files

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| Faculty background material—so that technical faculty are comfortable reinforcing academic content and academic faculty are comfortable teaching in a technical context | 1. List of links to explanatory content covering the technical and academic content
 | Faculty Background Material.docxIMG\_0058.MOV |
| Presentation guide for use by faculty | 1. This can be a handout or powerpoint presentation
 | Simple DC Motor Lab Instructor Guide.docx |
| Reading material for students | 1. This can be handouts or links to articles; textbook can be included but may not be the only source
 | Student Reading Material.docx |
| Project activity instructions for students | 1. Examples: Laboratory procedure and lab data sheet; outline of required components and timeline for research;
 | Simple DC Motor Lab.docx |
| Project activity assessment tool | 1. Scoring rubric for evaluating student performance on activity tasks
 | Activity Assessment Tool.docxSimple DC Motor Lab Achievement Certificate Template.docx |