

What They Have Done in Engineering Technology		
Objective	(Mastery/Assessment Items – Minor Skills Included But Not Listed)	Mastery
1	After researching and flying quadcopters, write a review about drones, peer edit, proof, and submit for public viewing	<i>Sep 4, 2015</i>
CANVAS → Online course work, file storage, modules Office 365 → Access to MS Programs from anywhere, OneDrive Cloud Storage Gmail → Use of a school approved and provided email account MS Word → Basic use, Formal use (MLA format with citations and references), Fancy use (make it stand-out)		
2	Produce a marketing flyer for drone/robot donations to display at a public event	<i>Sep 18, 2015</i>
MS PowerPoint → Formatting, Editing Images, Inserting Links, Etc.		
3	Build a 3-D model of your choice using educational software	<i>Sep 30, 2015</i>
Autodesk/Tinkercad → Create Account, Use Tutorials,		
4	Create an automated PPT presentation (with timings) that shows several views of their personally created Tinkercad design	<i>Oct 2, 2015</i>
MS PowerPoint → Slideshows, Automations, Transitions, Etc.		
5	Design and distribute a Survey to collect data and then input that data to be analyzed and evaluated with automated formulas	<i>Oct 9, 2016</i>
MS Excel → Tables, Charts, Formulas, Equations, Data Sorting and Filtering, Etc.		
6	Combine the experience, research, and uses (current and future ideas) of our Technology Tools/Toys in a Team Presentation	<i>Oct 16, 2015</i>
MS PowerPoint → Present a ‘proper’ Slideshow MS Word → Create and use an Outline for planning and use when speaking MS Excel → Use Data, Charts, and Results to add impact and validity to the presentation		
7	Using notes and photos taken with a portable tablet and input device, create a journalist review of the presentations observed	<i>Oct 19, 2015</i>
Windows Surface Pro → Photos, Videos, Editing, Inserting, Note Taking, Etc. MS Word → Writing articles, Including pictures, Converting notes to text		

What That Does For Other Classes

Objective	(Utilizing Technology Skills In Core Classes)	Utilization
1	<ul style="list-style-type: none">• Performing successfully in courses that rely on online delivery and submissions• Access to files and important software programs from any computer in any location, with internet access (MS Online)• Ability to install, free of charge, the full suite of Microsoft Office products for use in producing necessary documents• Source and Links for help with MS Word• MLA Guide for proper writing techniques and rules• How to email to others for proofing & advice• How to go above & beyond the minimum standards and basic requirements.	
2	<ul style="list-style-type: none">• Source & Links for help with MS PowerPoint• Use of computer functions to develop skills for other assignments• Introduction to financial topics	
3	<ul style="list-style-type: none">• User account and skills for 3-D Modelling• Ability to create a presentation / slide show in MS PowerPoint	
4	<ul style="list-style-type: none">• Presentation creation skills• Ability to present work in an easily understandable format	
5	<ul style="list-style-type: none">• Using a mathematical tool to format and analyze data, produce informative results• Visually appealing Data Charts, Graphs, and Images for emphatic presentation and display purposes	
6	<ul style="list-style-type: none">• Ability to present a topic• Learning how to speak in front of a group• Combine tools to produce a quality showcase	
7	<ul style="list-style-type: none">• Using tablets for note taking and important photos• Ability to write professionally about an observed event	