

# ENSC Technology Curriculum

ROLL OUT BEGINS in AUGUST

Will our students be  
able to survive without  
technology skills in their  
future?

Information and Communication Technology (ICT) first entered schools as part of the Apple Classrooms of Tomorrow™ (ACOT) project in 1985 (Bryant, 2008; Dunleavy, Dexter, & Heinecke, 2007).



Despite “the fact that microcomputers have been in schools for almost ~~twenty~~ thirty years, and considering that most teachers have participated in some type of professional development, it is still surprising to see how many teachers there are who do not use technology at all” (“Factors that Affect the Effective Use of Technology in Teaching & Learning,” 2012).

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CAN'T is a four letter word!

Our students can master these skills. There are some students who already have. For the rest, we owe it to them to ensure that they are prepared for their future careers.

# KEY THINGS YOU NEED TO KNOW

- ▶ Not taught in isolation
- ▶ All teachers are responsible for covering the items for their grade level.
- ▶ The standards document represents the minimum mastery level

# HOW TO READ THE DOCUMENT

- ▶ Start with your grade level standards.
- ▶ Then, become familiar with what the requirements are for each standard above and below you.



# Eighth Grade

<b>Communicating Online</b>	Write and publish independently.
<b>Citation Basics</b>	1. Use citation source programs while writing. 2. Understand and follow copyright rules and guidelines.
<b>Research Basics</b>	Independently evaluate websites and pull only accurate and relevant material.
<b>Download and Upload Basics/Saving</b>	Convert file format and understand why format needs to be changed.

6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>
Follow all copyright and creative commons laws. Document the six levels of creative commons on student produced materials.	Follow all copyright and creative commons laws. Document the six levels of creative commons on student produced materials.	<ol style="list-style-type: none"><li>1. Use citation source programs while writing.</li><li>2. Understand and follow copyright rules and guidelines.</li></ol>
9 <sup>th</sup> -12 <sup>th</sup>		
Understand and use multiple citation formats, - MLA, APA, Chicago		

**THEN WHAT?**

## HOW DO YOU PREPARE FOR THIS?

- ▶ Know your own technology skills and create a PD plan for things you are not familiar with.
- ▶ Start looking at which things you already do.
- ▶ Start lesson planning with standards in mind first then add in the technology.

QUESTIONS THAT  
HAVE ALREADY  
BEEN ASKED

Something that I do is not on my grade level list, can I teach that?

- ▶ Yes, these are a minimum level of mastery. If you chose to cover all of the items indicated at your grade level and want to add in more, go for it. The more our students know about technology the better.

I question whether the content is appropriate for all grade levels.

- ▶ All of the standards are items that students in this district have and can do. Several comments were made about elementary students and email. Elementary students can only email a teacher or staff member. They do not have open access.

# How do I have time to do all of this?

- ▶ Integration is the key to your success. The standards are not to be taught in a skill and drill or isolation manner.



## How will keyboarding be addressed?

Each elementary will have a set of keyboards that can be attached to Ipods or Ipads. However, the keyboarding skills for each grade level can be accomplished with the tools you have. Ipads can be turned sideways and the keyboard is the appropriate size for smaller hands. Again, integrate not isolate.