

Competency	FYE	EGR 101	Eng 101	Eng 102	Eng 114/198	HB	CMM	Comments
1) Students will develop effective strategies for using information technologies when seeking knowledge.								
<ul style="list-style-type: none"> Identify and explore general information sources (print and electronic) and extract appropriate details 		CE/CM ME/EC NE	X	X	X	X	X	REL103
<ul style="list-style-type: none"> Use a graphical user computer interface to navigate electronic information sources 		CE/CM ME/EC NE	X	X	X	X	X	PHL103
<ul style="list-style-type: none"> Break an information need into parts and prioritize these parts for investigation 	ED	ME/EC NE	X	X	X		X	EDT110 project
<ul style="list-style-type: none"> Use a variety of appropriate information-gathering strategies and technologies 	ED	ME/EC NE	X	X	X		X	EDT110 project
2) Students will understand the structure, form, and access methods of recorded information.								
<ul style="list-style-type: none"> Use the classification schemes to locate information and knowledge (e.g., library collection classifications, indexes, abstracts, bibliographies, databases) 	ED	ME/EC NE	X	X	X		X	EDT110
<ul style="list-style-type: none"> Accurately use controlled vocabulary / keyword indexing schemes with Boolean expressions to refine information-gathering strategies 	ED	ME/EC NE	X	X	X		X	EDT110
<ul style="list-style-type: none"> Use tables and figures to understand and communicate information 		CE/CM ME/EC NE					X	
<ul style="list-style-type: none"> Use computer-based structured information sources such as spreadsheets, databases, collaboration tools, and other sources relevant to one's discipline 	ED	CE/CM ME/EC NE	X	X	X		X	EDT110
3) Students will demonstrate the ability to evaluate and analyze the information gathered from a variety of sources.								
<ul style="list-style-type: none"> Distinguish point of view, claims being advanced, and forms of substantiation being used 		ME/EC		X	X	X	X	PHL103 HST101/102 REL103
<ul style="list-style-type: none"> Develop and refine information-gathering strategies for print and electronic data media in light of purpose, level of information, and intended audiences 		ME/EC NE		X	X		X	
<ul style="list-style-type: none"> Determine the credibility of author or responsible party and the validity of data 	ED	ME/EC		X	X	X	X	EDT110 HST101/102
<ul style="list-style-type: none"> Perform simple, descriptive summaries (textual and statistical) of information from print and electronic sources 		CE/CM ME/EC				X	X	Classroom REL103
<ul style="list-style-type: none"> Understand the process of knowledge generation and publication patterns in appropriate disciplines and fields 	AS ED	CE/CM		X	X			EDT110

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4) Students will use information and information technology responsibly and ethically.	AS ED	ME/EC NE						EDT109
	AS BA ED	CE/CM						EDT109 BAI103
	AS BA ED	CE/CM	X	X	X	X	X	EDT109; BAI103 PHL103 HST101/102
5) Students will demonstrate an interest in and ability for life-long learning about information technology.								
	AS ED	CE/CM ME/EC NE	X	X	X	X	X	EDT110 PHL103 HST101/102 RELL103
	AS	CE/CM ME/EC					X	
<ul style="list-style-type: none"> Use terminology related to computers and technology appropriately in written and oral communication Use computer-based technologies, including telecommunications, to access information and enhance personal and professional productivity 	AS BA ED	CE/CM ME/EC NE	X	X		X	X	EDT109/110; BAI103 PHL103 HST101/102 ENG102 RELL103
	<ul style="list-style-type: none"> Use computer software to present textual and numeric data in prose, tabular, and graphical formats 	AS BA ED	CE/CM ME/EC NE	X	X	X	X	X

Key to column headings and content

FYE = First Year Experience

- AS = College of Arts and Sciences
- BA = School of Business Administration (BAI103)
- ED = School of Education (EDT109 or EDT110)

EGR = School of Engineering (EGR101)

- CE = Civil Engineering Design Module
- CM = Chemical Engineering Design Module
- ME = Mechanical Engineering Design Module
- EC = Electrical Engineering Design Module
- NE = New Engineer (Intro to Engineering Design Section)

ENG = English Department

HB = Humanities Base (History, Philosophy, Religious Studies)

CMM = Oral Communication Competency Modules

Comments = specific classes within FYE & HB

For more specific competency details see the information at: <http://www.udayton.edu/~library/infoilt/expanded.php>

