Purdue University | University Senate

To:	The University Senate
From:	University Senate Educational Policy Committee
Subject:	Recommended Changes in the Communication, Ways of Thinking, and Interpersonal Skills and Cultural Knowledge Embedded Learning Outcomes (ELOs)
References:	University Core Curriculum Outcomes
	SD 11-07
	SD 19-13
Disposition:	University Senate for Discussion and Adoption
Rationale:	Over the course of Spring 2023, the University Curriculum Committee discussed changes in the Embedded Learning Outcome (ELO) wording to improve its consistency and to make the outcomes more assessable.
	On 05 April 2023, the UCC voted to approve the changes noted in the remainder of this document to the Communication, Ways of Thinking, and Interpersonal Skills and Cultural Knowledge ELOs.
	Wording for the newly approved Diversity, Equity, and Inclusion learning outcomes remains the same as when it was approved.
Proposal:	The following changes in wording are recommended.

Communication

Current Wording	Proposed Wording
Students graduating from Purdue should be able to communicate, orally and in writing, in ways appropriate to their fields of study and future careers. Effective communication is founded on information literacy, which involves the ability to use appropriate information to learn and explore ideas, demonstrate understanding of a subject, and convey one's conclusions. At the embedded outcome level, effective communication assumes basic fluency with such things as grammar, organization and structure. It also focuses on being able to convey ideas concisely in ways appropriate for the context, audience and purpose. At this level, students should recognize that communication occurs	Students graduating from Purdue should be able to communicate, orally and in writing, in ways appropriate to their fields of study and future careers. Effective communication is founded on information literacy, which involves the ability to use appropriate information to learn and explore ideas, demonstrate understanding of a subject, and convey one's conclusions. At the embedded outcome level, effective communication assumes basic fluency with such things as grammar, organization and structure. It also focuses on being able to convey ideas concisely in ways appropriate for the context, audience and purpose. At this level, students should recognize that communication occurs

within and across communities, such as academic, public or professional, where ideas are formulated, debated, and weighed against one another. Key outcomes may include: • Demonstrates successful execution of organization, content, presentation, format and stylistic choices through appropriate genres of written or oral communication. • Demonstrates the ability to critically evaluate, select, analyze and synthesize relevant information sources for communicative purposes. • Demonstrates the ability to select and successfully convey ideas through modes of communication appropriate for specific purposes and audiences, which may include an essay, report, scientific poster, video, social media, etc. • Engages with and uses information sources to communicate that are in accord with ethical standards and legal requirements, such as giving credit to the original ideas of others through proper attribution and citation.	within and across communities, such as academic, public or professional, where ideas are formulated, debated, and weighed against one another. Key outcomes ~~may~~ include: • ~~Demonstrates successful~~ Executes proper ~~execution of~~ organization, content, presentation, format and stylistic choices through appropriate genres of written or oral communication. • ~~Demonstrates the ability to Critically~~ **Evaluates, selects, analyzes, and synthesizes** relevant information sources for communicative purposes. • ~~Demonstrates the ability to and successfully convey ideas through modes of communication~~ **Communicates using modes** appropriate for specific purposes and audiences (e.g., ~~which may include an~~ essay, report, scientific poster, video, social media, etc.). • ~~Engages with and uses information sources to communicate that are in accord with~~ **Applies academic integrity, ethical standards, and legal requirements (such as giving credit to the original ideas of others through proper attribution and citation when using information sources to communicate).**

Ways of Thinking

Current Wording	Proposed Wording
Success in life requires the ability to think critically, practically, and creatively within an ethical framework. Critical thinking is the process of gathering information, analyzing it in various ways including quantitative and qualitative methods, and evaluating it for the purpose of solving a problem or making a decision. Practical thinking is the ability to adapt to changing environmental conditions and to shape the environment so as to produce the desired results. Creative thinking is the ability to generate novel ideas that can lead to change. It is essential that the ethical implications of actions that result from these thought processes are carefully considered. Key outcomes may include: • Demonstrates the ability to gather, analyze and evaluate information. • Connects disparate pieces of information to infer relationships. • Demonstrates open-mindedness and flexibility in expression, decision making, and problem solving. • Applies knowledge and skills previously learned to new circumstances. • Considers multiple possible explanation or solutions rather than one. • Accepts mistakes and learns from them. • Acts in a fair and thoughtful manner.	Success in life requires the ability to think critically, practically, and creatively within an ethical framework. Critical thinking is the process of gathering information, analyzing it in various ways including quantitative and qualitative methods, and evaluating it for the purpose of solving a problem or making a decision. Practical thinking is the ability to adapt to changing environmental conditions and to shape the environment so as to produce the desired results. Creative thinking is the ability to generate novel ideas that can lead to change. It is essential that the ethical implications of actions that result from these thought processes are carefully considered. Key outcomes ~~may~~ include: • ~~Demonstrates the ability to g~~ **Gathers, analyzes and evaluates** information. • Connects disparate pieces of information to infer relationships. • Demonstrates open-mindedness and flexibility in expression, decision making, and problem solving. • Applies knowledge and skills previously learned to new circumstances. • Considers multiple possible **explanations and/or solutions** ~~rather than one~~. • **Works productively with others and is able to learn from diverse perspectives** ~~Accepts mistakes and learn from them~~. • ~~Acts in a fair and thoughtful manner.~~

Interpersonal Skills and Intercultural Knowledge

Current Wording	Proposed Wording
Students graduating from Purdue University should be able to work effectively with others in various ways including in cross-cultural situations and in a global civil society. Interpersonal skills include the ability to work effectively with others both in professional practice and in relating to those outside of the discipline, in leadership roles, and as members of a team. Intercultural knowledge is founded on the ability to appreciate and critique multiple perspectives including one's own and to engage in civil discourse on complex global issues. It requires respect for and responsiveness to the beliefs and practices and cultural and linguistic needs of diverse populations. Students can acquire and practice these skills in ways appropriate to their fields of study and future Key outcomes may include: - Demonstrates the ability to work with others in leadership and/or team roles in professional practice and in relating to the public. - Demonstrates understanding of diverse populations in relation to history, values, politics, communication styles, economy, or beliefs and practices. - Demonstrates understanding of the rights and obligations that students have as citizens in communities, nations and the world. - Demonstrates interpersonal skills and intercultural knowledge in discipline-specific ways, which may include but are not limited to courses, study abroad, internships, community service, fieldwork, undergraduate research, capstone projects, student teaching, performances and exhibitions, and honors theses.	Students graduating from Purdue University should be able to work effectively with others in various ways including in cross-cultural situations and in a global civil society. Interpersonal skills include the ability to work effectively with others both in professional practice and in relating to those outside of the discipline, in leadership roles, and as members of a team. Intercultural knowledge is founded on the ability to appreciate and critique multiple perspectives including one's own and to engage in civil discourse on complex **social and** global issues. It requires respect for and responsiveness to the beliefs and practices and cultural and linguistic needs of diverse populations. Students can acquire and practice these skills in ways appropriate to their fields of study **and future professional growth.** Key outcomes ~~may~~ include: ~~Demonstrates~~ **Develops** the ability to work with others in leadership and/or team roles in professional practice and in relating to the public**, including in situations lacking agreement or consensus.** - Demonstrates ~~understanding~~ **empathy and consideration** of diverse populations in relation to history, values, politics, communication styles, economy, or beliefs and practices. - Demonstrates understanding of the rights and obligations that students have as ~~citizens in~~ **members of** communities, nations and the world. ~~Demonstrates~~ **Applies** interpersonal skills and intercultural knowledge in discipline-specific ways~~,~~ **(e.g.,** ~~which may include but are not limited to~~ **courses, study abroad, internships, community service, fieldwork, undergraduate research, capstone projects, student teaching, performances and exhibitions, and honors theses).**

Committee Votes:

For:	Against:	Abstained:	Absent:
Faculty	N/A	N/A	**Faculty**
Eric Kvam (chair)			Burton (Lee) Artz
PV Ramachandran			Daniel Frank
Mark Russell			Stacy Lindshield
Steven Scott			Mushin Menekse
John Sheffield			Abdelfattah Nour
Monica Torres			Antônio Sá Barreto
Jeffrey X. Watt			Howard Sypher
Advisors			**Advisors**
Jeff Elliott			Jenna Rickus
Keith Gehres			
Heather Servaty-Seib			**Students**
Jeffery Stefancic			Andrew Mitchell
			Shye Robinson
Students			
Andrew Askounis			

Non-voting Ex-Officio members:

Tiffany Stergar (present)