Mapping Embedded Outcomes - UCC Recommended Guidelines

TOP SECTION – Foundational Learning Outcomes 1

This section is to assist in program planning for faculty, students and advisors. It provides a quick view of program courses that count towards meeting foundational outcomes and your specific program of study.

- Faculty should identify those courses currently approved for the core curriculum as meeting foundational learning outcomes and list them in this top section. To meet Purdue's Outcomes-based Core Curriculum, students are required to take foundational coursework in Written Communication (WC); Oral Communication (OC); Information Literacy (IL); Science, Technology & Society (STS); Behavior/Social Sciences (BSS); Humanities (H); Quantitative Reasoning (QR); and two courses in Science (S). To meet Indiana's Statewide Transfer General Education Core, students must complete a minimum of 30 credit hours in these foundational areas.
- While students may take any approved core course for meeting the Purdue's foundational learning outcomes, a program may articulate the specific courses that align with its requirements for degree completion in this section. This will assist in advising students which courses they may want to take to meet not only their core curriculum requirements but also concurrently their program requirements.

BOTTOM SECTION-Embedded Learning Outcomes

2 **Program Courses or Activities**: Here, program faculty list the courses OR activities (including projects) students will complete within a program of study to meet each of the embedded outcomes.

- Faculty should identify a variety of courses and/or activities that meet the embedded learning outcomes. A single course or activity SHOULD NOT be used to meet all embedded outcomes. However, a single course, activity, or project may be used to meet 2-3 outcomes.
- At least one course or activity/project needs to be identified per embedded outcome.
- Students may demonstrate different levels of proficiency for each of their learning outcomes during their program of study. For written communication, oral communication, and information literacy, students must engage in learning activities that focus on proficiency levels of 2 or 3 (according to rubrics in Senate document 11-7). For all other embedded outcomes, levels of proficiency are determined by the program faculty and may vary between rubric levels 1-3.

3 **Assessment Artifact/Evidence**: This column is where program faculty list the evidence that demonstrates how students are achieving each embedded outcome. For example, if students are meeting leadership and teamwork by participation in policy development as members of a student organization (a requirement of all students in your program), the artifact/evidence would be the policies developed by students and associated meeting minutes reflecting student participation.. Reflective writings, art projects, service learning projects and activities, specific questions on exams, student blogs, etc. are other examples of evidence that might be gathered to demonstrate student acquisition of embedded learning outcomes within a program. **Program faculty need to be aware that this assessment evidence will be collected periodically to demonstrate achievement of our core curriculum outcomes to the Higher Learning Commission**.

University Core Curriculum Mapping - Template

Foundational Learning Outcomes	1 Foundational Courses *Student selected foundational courses* *Courses that count towards foundational outcomes AND XX program of study	Credit Hours
Written Communication (WC)	WC selective	
Information Literacy	IL Selective	
Oral Communication (OC)	OC selective	
Science, Technology, and Math (Science – 2 courses)	Science Selectives	
Science, Technology, and Math (Math)	Math Selective	
Science, Technology, and Math (Science, Technology, and Society)	STS Selective	
Human Cultures (Humanities)	Humanities Selective	
Human Cultures (Behavioral/Social Sciences)	Behavior/Social Sciences Selective	
Total		

Embedded Learning Outcomes	2 Program Courses or Activities (Embedded Level)	3 Assessment Artifact/Evidence
Creative Thinking		
Critical Thinking		
Ethical Reasoning		
Global Citizenship and Social Awareness		
Intercultural Knowledge		
Leadership and Teamwork		
Quantitative Reasoning		
Integrative Knowledge		
Written Communication (levels 2 or 3)		
Information Literacy (levels 2 or 3)		
Oral Communication (levels 2 or 3)		

University Core Curriculum Mapping – Special Education (SPED)

Foundational Learning Outcomes	Foundational Courses *Student selected foundational courses* *Courses that count towards foundational outcomes AND SPED program of study	Credit Hours
Written Communication (WC)	WC selective ** EDCI 20500: Exploring Teaching as a Career*	
Information Literacy	IL selective **EDCI 27000 Intro to Educational Technology*	
Oral Communication (OC)	OC selective **COM 11400*	
Science, Technology, and Math (Science – 2 courses)	STS selective **BIOL 20500 Biology for Elem School Teachers* **BIOL 20600 Biology for Elem School Teachers* **EAS 10200 Earth Science for Elem Education* **PHYS 21500 Physics for Elem Education*	
Science, Technology, and Math (Math)	Math Selective **MATH 13800: Mathematics For Elementary Teachers II*	
Science, Technology, and Math (Science, Technology, and Society)	STS Selective	
Human Cultures (Humanities)	H Selective **EDST 200 History & Philosophy of Education*	
Human Cultures (Behavioral/Social Sciences)	BSS selective **EDCI 28500 Multiculturalism in Education* **EDPS 23500 Learning and Motivation* **EDPS 26500 The Inclusive Classroom*	
Total		

Embedded Learning Outcomes	Program Courses or Activities (Embedded Level)	Assessment Artifact/Evidence
Creative Thinking	EDCI 49600 (level 3)	Student teaching portfolio (lesson plans)
Critical Thinking	EDPS 36200 (level 2)	Functional Behavior Assessment Behavior Change Project
Ethical Reasoning	EDPS 41000 (level 1-2)	Ethical dilemma solutions
Global Citizenship and Social Awareness	EDPS 49100 (level 3) or EDCI 28500 (level 2)	Journal based on study abroad (Global Studies Minor) Multicultural action project
Intercultural Knowledge	EDCI 28500 (level 1)	Multicultural action project
Leadership and Teamwork	EDPS 46100 EDPS 49600	Teamwork paper Co-teaching experience evaluations
Quantitative Reasoning	MA 13700, 13800, 13900 (level 1)	Passing grades
Integrative Knowledge	EDCI 49600 (level 3) EDPS 46100 (level 2)	Student teaching portfolio (written synthesis and reflection of experience)
Written Communication (levels 2 or 3)	EDPS 36200 (level 2) EDPS 41000 (level 3)	Behavior Change Project IEP/Transition Plan
Information Literacy (levels 2 or 3)	EDPS 41000 (level 3)	IEP/Transition Plan
Oral Communication (levels 2 or 3)	EDPS 45900 (level 3)	AT expert project/presentation/video

University Core Curriculum Mapping – Technology

Foundational Learning Outcomes	**Foundational Courses** *Student selected foundational courses* *Courses that count towards foundational outcomes AND Technology program of study	Credit Hours
Written Communication (WC)	WC selective **ENGL 10600 or ENGL 10800*	
Information Literacy	IL Selective **TECH 12000* **ENGL 10600*	
Oral Communication (OC)	OC selective **COM 11400*	
Science, Technology, and Math (Science – 2 courses)	Science Selectives	
Science, Technology, and Math (Math)	Math Selective **MA 22300* **MA 22400*	
Science, Technology, and Math (Science, Technology, and Society)	STS Selective **TECH 12000*	
Human Cultures (Humanities)	Humanities Selective	
Human Cultures (Behavioral/Social Sciences)	Behavior/Social Sciences Selective	
Total		

Embedded Learning Outcomes	Program Courses or Activities (Embedded Level)	Assessment Artifact/Evidence
Creative Thinking	CNIT 25500 (2), CNIT 31500 (2), CNIT 32500 (2)	
Critical Thinking	CNIT 24200 (2)	
Ethical Reasoning	TECH 33000 (2)	
Global Citizenship and Social Awareness	TECH 33000 (2)	
Intercultural Knowledge	TECH 33000 (2)	
Leadership and Teamwork	CNIT 48000 (2), TECH 32000 (2)	
Quantitative Reasoning	CNIT 25500 (2), CNIT 31500 (2), CNIT 32500 (2)	
Integrative Knowledge	CNIT 27200 (2), CNIT 48000 (2)	
Written Communication (levels 2 or 3)	CNIT 24200 (2), CNIT 48000 (2), ENGL 42000 (2) or ENGL 42100 (2)	
Information Literacy (levels 2 or 3)	CNIT 27200 (2), CNIT 28000 (2), CNIT 38000 (2)	
Oral Communication (levels 2 or 3)	CNIT 28000 (2), COM 31500 (2)	

University Core Curriculum Mapping – Psychology

Foundational Learning Outcomes	Foundational Courses *Student selected foundational courses* *Courses that count towards foundational outcomes AND Psychology program of study	Credit Hours
Written Communication (WC)	WC selective **ENGL 10600 or ENGL 10800*	
Information Literacy	IL Selective **ENGL 10600 or ENGL 10800*	
Oral Communication (OC)	OC selective **COM 11400*	
Science, Technology, and Math (Science – 2 courses)	Science Selectives	
Science, Technology, and Math (Math)	Math Selective **MA 15300*	
Science, Technology, and Math (Science, Technology, and Society)	STS Selective	
Human Cultures (Humanities)	Humanities Selective **Accounting/Finance/Economics* **Social Ethics*	
Human Cultures (Behavioral/Social Sciences)	Behavior/Social Sciences Selective	
Total		

Embedded Learning Outcomes	Program Courses or Activities (Embedded Level)	Assessment Artifact/Evidence
Creative Thinking	PSY 20300 (2)	
Critical Thinking	PSY Foundations Course option (2) PSY Advanced Content option (3)	Select assignments
Ethical Reasoning	PSY 20300 (2)	
Global Citizenship and Social Awareness	PSY 12000 (1)	
Intercultural Knowledge	PSY 12000 (1)	
Leadership and Teamwork	PSY 20300 (2)	
Quantitative Reasoning	PSY 20100 (2) PSY 20300 (3)	
Integrative Knowledge	PSY 20100 (2)	
Written Communication (levels 2 or 3)	PSY 20300 (2) PSY Advanced Content option (3)	Select assignments
Information Literacy (levels 2 or 3)	PSY 20300 (2) PSY Advanced Content option (3)	Select assignments
Oral Communication (levels 2 or 3)	PSY 20300 (2) PSY Advanced Content option (3)	Select assignments