



**Long School of Medicine
MD Degree Program
Interprofessional Education Plan
Academic Year 2022-203**

Background

UT Health San Antonio's Strategic Vision for fiscal years 2018-2022 identifies Teamwork & Collaboration as a core value, and it also highlights strengthening interprofessional team-based learning opportunities across the organization as a key strategy. The Quality Enhancement Plan (QEP), *Linking Interprofessional Networks for Collaboration (LINC)*, is an institution-wide effort to advance our Strategic Vision by enhancing interprofessional education (IPE) at UT Health San Antonio. Key measures of success include increasing student knowledge and skills related to IPE, demonstrating schools' and programs' adoption of IPE as a strategic priority through increased activities integrated into programs' curricula, and increasing opportunities for student IPE experiences across the institution. To contribute to the coordinated implementation of the QEP and to demonstrate compliance with program-specific IPE accreditation standards, the Vice Dean for Undergraduate Medical Education is leading the development and implementation of the Long School of Medicine's (LSOM) IPE Plan. In FY21, the LSOM Curriculum Committee approved an IPE Plan proposed by an IPE Task Force, made up of members drawn from the LSOM MD Degree Program. Following approval and implementation of that initial plan in FY21, primary responsibility for reviewing and recommending modifications to the LSOM IPE Plan has shifted to the LSOM Curriculum Committee, particularly its Design & Integration Subcommittee.

Profession-Specific Accreditation Mandate

The Liaison Committee on Medical Education (LCME) requires the integration of IPE into the Doctor of Medicine (M.D.) Degree curriculum, as evidenced by the following standards/expectations:

Element 7.9 Interprofessional Collaborative Skills

The faculty of a medical school ensure that the core curriculum of the medical education program prepares medical students to function collaboratively on health care teams that include health professionals from other disciplines as they provide coordinated services to patients. These curricular experiences include practitioners and/or students from the other health professions.

Doctor of Medicine IPE Plan

In accordance with the Health Professions Accreditors Collaborative (HPAC), of which the LCME is a founding member, this IPE plan consists of four components: rationale, outcome-based goals, deliberate design, and assessment & evaluation. Details for each component are included below:

Rationale

By designing a program with the goal of developing students who are competent in collaborating as a member of an interprofessional team by the time of graduation, we meet LCME accreditation standard 7.9 (Interprofessional Collaborative Skills) and align with the institution's QEP. The program is built on a framework that incorporates relevant medical education and IPE conceptual frameworks:

- *Entrustable Professional Activities (EPAs)* - Central to the design, delivery, and evaluation of undergraduate medical education are the “Core Entrustable Professional Activities for Entering Residency” (AAMC 2014). EPAs are defined as “units of professional practice, defined as tasks or responsibilities that trainees are entrusted to perform unsupervised once they have attained sufficient specific competence.” Specifically, EPA 9 is “Collaborate as a member of an interprofessional team.”
- *Physician Competency Reference Set (PCRS)* - The PCRS is a list of common learner expectations utilized in the training of physicians. It was developed through the Association of American Medical Colleges (AAMC) to provide a common competency framework for the goals and outcomes of medical education, and it is based on the six core competencies within the ACGME framework: patient care, medical knowledge, interpersonal and communication skills, professionalism, practice-based learning and improvement, and systems-based practice.
- *IPEC Competencies* – The IPEC competencies are designed to identify individual-level interprofessional competencies for health professionals in training, compiled into four core competencies: values/ethics for interprofessional practice, roles/responsibilities, interprofessional communication, and teams and teamwork.

Review of the details of each of these frameworks quickly reveals the intersection, overlap, and interplay between them. In order to facilitate design and capture of our IPE activities in ways that are relevant to different stakeholders and constituent groups, we cross-mapped the competencies we are targeting across the three frameworks (see *Table 3. LSOM IPE Strategic Program Goals*).

Outcome-based Goals

The overarching goal of the LSOM IPE Strategic Plan is to create learners who collaborate effectively as members of interprofessional teams by creating and delivering experiences for medical students that develop their knowledge, skills, and attitudes in the following areas: professional roles and responsibilities within health care teams; effective communication in delivery of patient care; and effective teaming and collaboration for patient-centered care.

In order to guide our efforts, we used AAMC EPA 9 (“Collaborate as a member of an interprofessional team”) as the anchor, selected most but not all of the “expected behaviors for an entrustable learner” within this EPA, and cross-referenced them with IPEC Competencies, and PCRS domains of competence.

Table 1. LSOM IPE Plan – Goals Identified through Crosswalk of Interprofessional Practice-Relevant EPAs and Competency Frameworks

Expected Behaviors for Entrustable Learner	PCRS Domains of Competence	IPEC Sub-competencies	SOM Sub-competencies
1. Articulate the unique contributions and roles of other health care professionals	IPC 2 - Use the knowledge of one’s own role and those of other professions to appropriately assess and address the health care needs of the patients and populations served	VE4 - Respect the unique cultures, values, roles/responsibilities, and expertise of other health professions and the impact these factors can have on health outcomes. RR4 - Explain the roles and responsibilities of other providers and how the team works together to provide care, promote health, and prevent disease.	3.7.7 - List interdisciplinary health services and the role they might play in the management of a given common condition or disorder
2. Actively engage with the patient and other team members to coordinate care and provide care and provide for seamless care transition	IPC 2 - Use the knowledge of one’s own role and those of other professions to appropriately assess and address the health care needs of the patients and populations served SBP 2 - Coordinate patient care within the health care system relevant to one’s clinical specialty ICS 3 – Work effectively with others as a member of leader of a health care team or other professional group	VE4 - Respect the unique cultures, values, roles/responsibilities, and expertise of other health professions and the impact these factors can have on health outcomes. RR9 - Use unique and complementary abilities of all members of the team to optimize health and patient care. TT1 - Describe the process of team development and the roles and practices of effective teams. TT3 - Engage health and other professionals in shared patient- centered and population- focused problem-solving.	3.9.4 - Given a specific clinical situation, demonstrate effective and appropriate communication of medical information to patients, patient family members, other physicians, interdisciplinary team members

<p>3. Communicate bidirectionally to keep team members informed and up to date.</p>	<p>IPC 3 - Communicate with other health professionals in a responsive and responsible manner that supports the maintenance of health and the treatment of disease in individual patients and populations</p> <p>ICS 2 – Communicate effectively with colleagues within one’s profession or specialty, other health professionals, and health-related agencies</p> <p>P1 – Demonstrate compassion, integrity, and respect for others</p>	<p>CC1 - Choose effective communication tools and techniques, including information systems and communication technologies, to facilitate discussions and interactions that enhance team function.</p> <p>CC2 - Communicate information with patients, families, community members, and health team members in a form that is understandable, avoiding discipline-specific terminology when possible.</p> <p>CC4 - Listen actively and encourage ideas and opinions of other team members.</p>	<p>3.9.3 - Demonstrate an understanding of the importance of each of the process elements of effective and appropriate communication of medical information to patients, patient family members, other physicians, and interprofessional team members.</p> <p>3.9.4 - Given a specific clinical situation, demonstrate effective and appropriate communication of medical information to patients, patient family members, other physicians, interdisciplinary team members.</p>
<p>4. Tailor communication strategy to the situation.</p>	<p>ICS 2 – Communicate effectively with colleagues within one’s profession or specialty, other health professionals, and health-related agencies</p> <p>ICS 7 - Demonstrate insight and understanding about emotions and human responses to emotions that allow one to develop and manage interpersonal interactions</p> <p>IPC 3 - Communicate with other health professionals in a responsive and responsible manner that supports the maintenance of health and the treatment of disease in individual patients and populations</p>	<p>CC1 - Choose effective communication tools and techniques, including information systems and communication technologies, to facilitate discussions and interactions that enhance team function.</p> <p>CC2 - Communicate information with patients, families, community members, and health team members in a form that is understandable, avoiding discipline-specific terminology when possible.</p> <p>CC6 - Use respectful language appropriate for a given difficult situation, crucial conversation, or conflict.</p>	<p>3.9.3 - Demonstrate an understanding of the importance of each of the process elements of effective and appropriate communication of medical information to patients, patient family members, other physicians, and interprofessional team members.</p> <p>3.9.4 - Given a specific clinical situation, demonstrate effective and appropriate communication of medical information to patients, patient family members, other physicians, interdisciplinary team members.</p>
<p>5. Support other team members and communicate their value to the patient and family.</p>	<p>P1 – Demonstrate compassion, integrity, and respect for others</p> <p>IPC 1 - Work with other health professionals to establish and maintain a climate of mutual respect, dignity, diversity, ethical integrity, and trust</p>	<p>VE6 - Develop a trusting relationship with patients, families, and other team members</p> <p>CC7 - Recognize how one’s uniqueness (experience level, expertise, culture, power, and hierarchy within the health team) contributes to effective communication, conflict resolution, and positive interprofessional working relationships (University of Toronto, 2008).</p>	<p>1.3.2 - Demonstrate an understanding of the importance of behaviors indicative of respect for human dignity.</p> <p>1.3.3 - Behave in a manner indicative of respect for human dignity.</p> <p>1.5.2 - Behave in a manner consistent with the institutional and professional codes of conduct.</p> <p>3.7.7 - List interdisciplinary health services and the role they might play in the management of a given</p>

			common condition or disorder
6. Anticipate, read, and react to emotions to gain and maintain therapeutic alliances with others.	<p>P1 – Demonstrate compassion, integrity, and respect for others</p> <p>ICS 7 - Demonstrate insight and understanding about emotions and human responses to emotions that allow one to develop and manage interpersonal interactions</p> <p>IPC 1 - Work with other health professionals to establish and maintain a climate of mutual respect, dignity, diversity, ethical integrity, and trust.</p>	<p>CC4 - Listen actively and encourage ideas and opinions of other team members.</p> <p>CC6 - Use respectful language appropriate for a given difficult situation, crucial conversation, or conflict.</p> <p>TT8 - Reflect on individual and team performance for individual, as well as team, performance improvement.</p>	<p>1.3.2 - Demonstrate an understanding of the importance of behaviors indicative of respect for human dignity.</p> <p>1.3.3 - Behave in a manner indicative of respect for human dignity.</p> <p>1.5.2 - Behave in a manner consistent with the institutional and professional codes of conduct.</p>

This process revealed that our desired entrustable behaviors and PCRS competency domains align with 12 IPEC sub-competencies. We compiled a list of relevant LSOM didactic, co-curricular, and clinical IPE activities and classified the activities as either didactic IPE, clinical IPE, or co-curricular IPE¹. Next, we mapped the activities by both phase of curriculum (pre-clinical/clinical and semester) and by alignment of learning objectives to the 12 aligned IPEC sub-competencies. A visual summary of our findings is demonstrated in Table 2.

Table 2. LSOM IPE Plan – IPEC Subcompetencies Targeted by Current IPE Activities

Program Year & Semester	Values/Ethics for Interprofessional Practice (VE)	Roles/Responsibilities (RR)	Interprofessional Communication (CC)	Teams and Teamwork (TT)
Year 1 Fall	VE4^a, VE6	RR4, RR9	CCI, CC2, CC4, CC6, CC7	TT1, TT3
Year 1 Spring	VE4, VE6	RR4	CCI, CC2, CC4, CC6, CC7	TT3
Year 2 Fall	VE4, VE6	RR4, RR9	CCI, CC2, CC4, CC6, CC7	TT3, TT8
Year 2 Spring		RR9	CCI, CC2, CC6, CC7	TT2*, TT3, TT4, TT6*, TT8
Year 3 ^b Fall	VE4, VE6	RR4, RR9	CCI, CC2, CC4, CC6, CC7	TT1, TT3, TT8
Year 3 Spring	VE4, VE6	RR4, RR9	CCI, CC2, CC4, CC6, CC7	TT1, TT3, TT8
Year 4 Fall				
Year 4 Spring				

^a Bolded IPEC sub-competencies occur two or more times in the semester

^b Fall of year 3 is the approximate demarcation between preclinical and clinical curricular phases

*Additional IPEC sub-competencies based on proposed new activity

The IPE Task Force/Design & Integration Subcommittee reviewed the alignment (Table 3), curricular mapping (Table 4) processes, and the outcomes from the AY 2021-2022 strategic plan (see LSOM 2021-2022 Annual Report on Interprofessional Education Curricular Activities) to make the following conclusions and recommendations that have informed our deliberate design:

1. The D&I Subcommittee determined that the Module and Clerkship Directors, as well as the UME leadership should be commended for successfully starting the IPE initiatives.
2. The D&I Subcommittee felt that the selected IPEC sub-competencies were adequately covered by the planned sessions.
3. The D&I Subcommittee determined that it was appropriate to continue with the current programs with the addition of the proposed LINC Simulation and Clinical Activities.

Table 3. LSOM IPE Plan – Deliberate Design of IPE Activities for Academic Year 2022-2023

Program Year & Semester	Name of IPE Activity (Type of IPE Activity)	Learners from Other Programs Involved (Abbreviation & Year)	Associated Course/Place in Curriculum (If Applicable)	Faculty Leader(s) from Program	Faculty Leader(s) from Other Programs	Timeframe to be Completed (Month)
Year 1 Fall	LINC Common IPE Experience (didactic IPE – Collaborative Online Learning)	Learners from all programs at UT Health San Antonio are placed in interprofessional groups of 4 and group composition varies as a result.	INTD 5031	Sadie Trammell Velasquez	LINC Didactic IPE Initiative Members: Meredith Quinene (SHP-PAS), Bobby Belarmino (SHP-PT), Noorpreet Kaur (SOD), Daniel Saenz (GSBS), and Cynthia L. Wall (SON), with support from the LINC Faculty Council Members: Moshtagh Farokhi (SOD), Rekha Kar (GSBS), Temple Ratcliffe (LSOM), Kathleen Stevens (SON), and Joseph Zorek (LINC Director)	Fall (Sept to Oct)
Year 1 Fall	Interprofessional Education: The role of Physical Therapy (didactic IPE)	MD Year 1 PT Year 1	CIRC 5007: Molecules to Medicine	Liz Hanson	Martha Acosta (SHP-PT)	Fall (Aug)
Year 1 Fall	General Appearance /Vital Signs Laboratory (didactic IPE – simulation)	MD Year 1	CIRC 5005: Clinical Skills	Cristina Grijalva & Jack Badawy	Lark Ford (SON)	Fall (Aug)
Year 1 Fall	Interprofessional Education to Enhance the Integration of Oral Health and Medicine: A Longitudinal Study (didactic IPE – classroom)	MD Year 1	CIRC 5005: Clinical Skills	Cristina Grijalva & Jack Badawy	David Ojeda (SOD)	Fall (Sept)
Year 1 Fall	MLS2/MS1 (didactic IPE – classroom)	MD Year 1 MLS Year 2	CIRC 5009: Attack & Defense	JD Canty & Michael Berton	Steven Dallas (UHS), Cordy Kudika (SHP-MLS), Gerardo Ramos (SHP-MLS), Terri Murphy-Sanchez (SHP-MLS)	Fall (Nov)
Year 1 Spring	Interprofessional Conference and Synthesis Case with Respiratory Therapy and Medical Students (didactic IPE – classroom)	MD Year 1 RC Year 2	CIRC 5013: Respiratory Health	Mandie Svatek	Reuben Restrepo (SHP-RT)	Spring (Feb)
Year 2 Fall	Interprofessional Ethics & Communication Workshop (didactic IPE)	MD Year 2 OT Year 2	CIRC 5001: Medicine, Behavior and Society-6	Jason Morrow & Sylvia Botros-Brey	Bridget Piernik-Yoder (SHP-OT)	Fall (Sept)

	- classroom)					
Year 2 Fall	Interprofessional Education to Enhance the Integration of Oral Health and Medicine: A Longitudinal Study (didactic IPE – classroom)	MD Year 2	CIRC 5005: Clinical Skills	Cristina Grijalva & Jack Badawy	David Ojeda (SOD)	Fall (Dec)
TBD	LINC Simulation IPE Experience (Didactic IPE – Simulation)	Learners from all programs at UT Health San Antonio will be placed in interprofessional groups of 4 and group composition will vary as a result.	TBD	Sadie Trammell Velasquez Diane Ferguson Rebecca Moote	LINC Simulation IPE Initiative Members: James Cleveland (SON), David Ojeda Diaz (SOD), Kathryn Parke (SON), and Bridgett Piernik-Yoder (SHP-OT) with support from the LINC Faculty Council Members: Moshtagh Farokhi (SOD), Rekha Kar (GSBS), Meredith Quinene (SHP), Temple Ratcliffe (LSOM), Kathleen Stevens (SON), and Joseph Zorek (LINC Director)	TBD
TBD	LINC Clinical IPE Experience (Didactic IPE – Collaborative Online Learning & Clinical IPE)	Learners from all programs at UT Health San Antonio are placed in interprofessional groups of 4 and group composition will vary as a result.	TBD	Temple Ratcliffe Rebecca Moote	LINC Clinical IPE Initiative Members: Angela Kennedy (SHP), Elena Riccio Leach (SOD) and Marta Vives (SON) with support from the LINC Faculty Council Members: Moshtagh Farokhi (SOD), Rekha Kar (GSBS), Meredith Quinene (SHP), Kathleen Stevens (SON), and Joseph Zorek (LINC Director)	TBD

DEFINITIONS

Interprofessional Education (IPE) = Proposed by the World Health Organization and endorsed by IPEC, takes place “when students from two or more professions learn about, from, and with each other to enable effective collaboration and improve health outcomes” (WHO, 2010; IPEC, 2016). This emphasis on students aligns well with UT Health San Antonio’s QEP, and the expectation is that student-to-student interprofessional learning will constitute the majority of IPE activities on campus. This table is reserved for student-to-student IPE activities.

Didactic IPE = IPE activities that take place in classroom and simulation settings as part of formal curricula (i.e., credit-bearing coursework)

Co-Curricular IPE = IPE activities that take place outside of formal curricula (volunteer experiences that augment learning/professional development)

Clinical IPE = IPE activities that take place in clinical settings as part of formal curricula (i.e., credit-bearing coursework).

IPE Partners = Students from other professions/programs involved including their year(s) of study

Table 4. Learning Activities Relevant to Preparation for Interprofessional Practice that DO NOT Meet the Formal Definition of Interprofessional Education

Program Year & Semester	Name of Learning Activity (Type of Learning Activity)	Associated Course/Place in Curriculum (If Applicable)	Faculty Leader(s) from Program	Interprofessional Partners Included	Timeframe to be Completed (Month)
Year 3	<i>Interprofessional Team Care* (didactic IPE – classroom)</i>	<i>TEAM CARE: Longitudinal Curriculum</i>	Temple Ratcliffe; Megan Freeman (Internal Medicine Clerkship Hosts)		Summer (July)
Year 3	<i>Quality Improvement & Patient Safety* (didactic IPE – classroom)</i>	<i>TEAM CARE: Longitudinal Curriculum</i>	Jean Petershack (Pediatrics Clerkship Host)		Fall (Nov)
Year 3	<i>Transitions of Care* (didactic IPE classroom)</i>	<i>TEAM CARE: Longitudinal Curriculum</i>	Deborah Carver (Neurology Clerkship Host)		Fall (Dec)
Year 3	Clinical Clerkships (didactic and clinical IPE)		Clerkship Directors		Summer, Fall & Spring (July – June)
Year 3	Psychiatry IPE Experience* Student observation of IPE Team	Psychiatry Clerkship	Kimberly Benavente (Psychiatry Clerkship Director)		Summer, Fall & Spring (July – June)
Year 3	Health Disparities Curriculum*	Family Medicine Clerkship	Nehman Andry (Family Medicine Clerkship Director)		Summer, Fall & Spring (July – June)

DEFINITION

Interprofessional Education (IPE) = Proposed by the World Health Organization and endorsed by IPEC, takes place “when students from two or more professions learn about, from, and with each other to enable effective collaboration and improve health outcomes” (WHO, 2010; IPEC, 2016). This emphasis on students aligns well with UT Health San Antonio’s QEP, and the expectation is that student-to-student interprofessional learning will constitute the majority of IPE activities on campus. That said, HPAC provided guidance that offers an expanded interpretation of “from” and “with” highlighting the importance of student learning that takes place from and/or with post-graduate trainees (e.g., residents) or practitioners/professionals (HPAC, 2019). *Student-to-trainee and/or student-to-practitioner/professional IPE should be included in this table if it exists in the program.*

Didactic Learning = Learning activities that take place in classroom and simulation settings as part of formal curricula (i.e., credit-bearing coursework)

Co-Curricular Learning = Learning activities that take place outside of formal curricula (volunteer experiences that augment learning/professional development)

Clinical Learning = Learning activities that take place in clinical settings as part of formal curricula (i.e., credit-bearing coursework).

Interprofessional Partners = Post-graduate trainees (e.g., residents) or practitioners/professionals from other professions.

Assessment and Evaluation

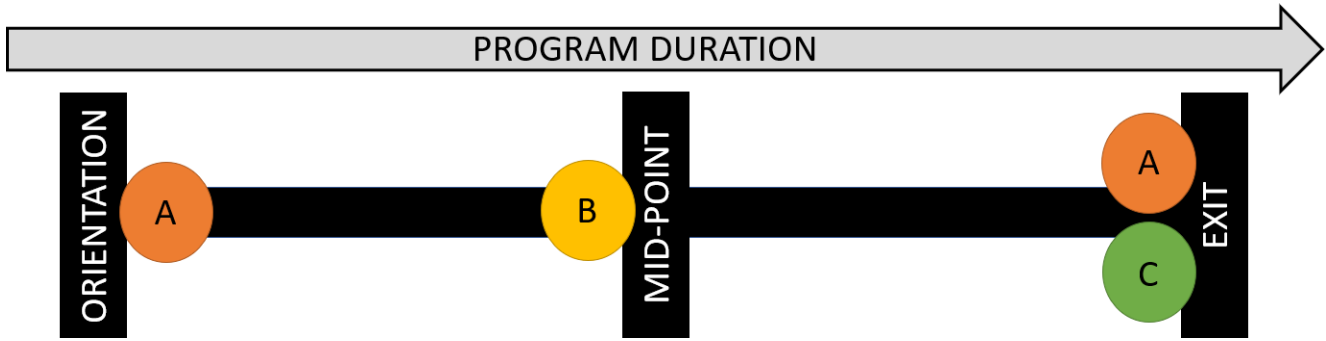
The LSOM IPE assessment and evaluation plan is designed to assess learners on their development and mastery of interprofessional collaborative practice competencies and evaluate the implementation and immediate impact of the IPE plan.

Learner Assessment: All students are assessed three times over the course of their academic program by the LINC Assessment Council following the LINC Core IPE Measurement Plan. The LINC Core IPE Measurement Plan will measure learning outcomes on the modified Kirkpatrick Model Level 1 (reaction), level 2a (attitudes/perceptions), level 2b (knowledge/skills), and level 3 (collaborative behavior) as a student moves through medical school.

Table 5. Tools and Targeted Learning Outcomes of the LINC Core IPE Measurement Plan

Level*	Measurement Tool**	Constructs	Items
Level 1 Reaction	Interprofessional Reactions Tool (IPRT)	<ul style="list-style-type: none"> • Preparation • Relevance • Importance • Satisfaction 	13 self-reported items: <ul style="list-style-type: none"> • 9 quantitative items using a 5-point Likert-type response scale; and, • 4 qualitative items soliciting written responses to open-ended prompts
Level 2a Attitudes/ Perceptions	Student Perceptions of Interprofessional Clinical Education– Revised, Version 2 (SPICE-R2)	<ul style="list-style-type: none"> • Interprofessional Teamwork and Team-based Practice • Roles & Responsibilities for Collaborative Practice • Patient Outcomes from Collaborative Practice 	10 self-reported, quantitative items using a 5-point Likert-type response scale
Level 2b Skills Level 3 Behaviors	Interprofessional Education Collaborative Competency Self-Assessment Tool, Version 3 (IPEC-3)	<ul style="list-style-type: none"> • Interprofessional Interactions • Interprofessional Values 	16 self-reported, quantitative items using a 5-point Likert-type response scale
	Interprofessional Collaborative Competency Attainment Scale– Revised (ICCAS-R)	<ul style="list-style-type: none"> • Communication • Collaboration • Roles & Responsibilities • Collaborative patient-family centered approach • Conflict management/ resolution • Team functioning 	21 self-reported, quantitative items using a 5-point Likert-type response scale
* Modified Kirkpatrick levels 2b (skills) and 3 (behaviors) are combined in this table because IPEC-3 and ICCAS-R report to measure both levels			
** See Appendices I-IV for complete versions of selected measurement tools			

Figure 1. Administration Schedule of the LINC Core IPE Measurement Plan



CORE IPE MEASUREMENT PLAN ADMINISTRATION LEGEND

- A Interprofessional Reactions Tool (IPRT)
- B Student Perceptions of Interprofessional Clinical Education–Revised, Version 2 (SPICE-R2)
Interprofessional Education Collaborative Competency Self-Assessment Tool, Version 3 (IPEC-3)
- C Interprofessional Collaborative Competency Attainment Scale–Revised (ICCAS-R)

LINC Core IPE Measure A1 (pre) is administered in August, LINC Core IPE Measure B is administered in January, and LINC Core IPE Measure A2 (post) & C are administered in January.

Additional assessments are used to enhance understanding of student changes in attitudes and perceptions of other professions, the acquisition of interprofessional collaborative practice knowledge and skills, and the demonstration of behaviors in training and/or practice setting.

LSOM Assessment Plan

LSOM Selected IPEC Subcompetencies	Assessment Item	Kirkpatrick Level
VE4 - Respect the unique cultures, values, roles/responsibilities, and expertise of other health professions and the impact these factors can have on health outcomes. (3.7.7, 3.9.4)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2b Level 2b Level 3
VE6- Develop a trusting relationship with patients, families, and other team members (1.3.2, 1.3.3, 1.5.2, 3.7.7)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2b Level 2b Level 3

RR4 - Explain the roles and responsibilities of other providers and how the team works together to provide care, promote health, and prevent disease. (3.7.7)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2a Level 2b Level 3
RR9 - Use unique and complementary abilities of all members of the team to optimize health and patient care. (3.9.4)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2a Level 2b Level 3
CC1 - Choose effective communication tools and techniques, including information systems and communication technologies, to facilitate discussions and interactions that enhance team function. (3.9.3, 3.9.4)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2b Level 2b Level 3
CC2 - Communicate information with patients, families, community members, and health team members in a form that is understandable, avoiding discipline-specific terminology when possible. (3.9.3, 3.9.4)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2b Level 2b Level 3
CC4 - Listen actively, and encourage ideas and opinions of other team members. (1.3.2, 1.3.3, 1.5.2, 3.9.3, 3.9.4)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2b Level 2b Level 3
CC6 - Use respectful language appropriate for a given difficult situation, crucial conversation, or conflict. (1.3.2, 1.3.3, 1.5.2, 3.9.3, 3.9.4)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2b Level 2b Level 3
CC7 - Recognize how one's uniqueness (experience level, expertise, culture, power, and hierarchy within the health team) contributes to effective communication, conflict resolution, and positive interprofessional working relationships (University of Toronto, 2008). (1.3.2, 1.3.3, 1.5.2)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2b Level 2b Level 3
TT1 - Describe the process of team development and the roles and practices of effective teams. (3.9.4)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2a Level 2b Level 3
TT3 - Engage health and other professionals in shared patient-centered and population-focused problem-solving. (3.9.4)	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2a Level 2b Level 3
*TT4 - Integrate the knowledge and experience of health and other professions to inform health and care decisions, while respecting patient and community values and priorities/preferences for care	Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C	Level 1 Level 2a Level 2b Level 3

<p>*TT6- Engage self and others to constructively manage disagreements about values, roles, goals, and actions that arise among health and other professionals and with patients, families and community members</p>	<p>Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C</p>	<p>Level 1 Level 2a Level 2b Level 3</p>
<p>TT8 - Reflect on individual and team performance for individual, as well as team, performance improvement. (1.3.2, 1.3.3, 1.5.2)</p>	<p>Participation (Course Evaluation) Core IPE Measurement B Core IPE Measurement C Core IPE Measurement C</p>	<p>Level 1 Level 2a Level 2b Level 3</p>

*Additional IPEC sub-competencies based on proposed new activity

IPE Plan Evaluation: The evaluation of the IPE plan implementation and its immediate impact represent a multi-prong approach to include the following sources: learner assessment data collected through the LINC Core IPE Measurement Plan and LSOM student performance assessments, IPE plan stakeholder feedback, and observations.

Approved by LSOM Curriculum Committee on August 18, 2022

Submitted to the LINC Office on August 25, 2022