

User Guide for the Interprofessional Education Collaborative Competency Self Efficacy Tools IPECC-SET 38, IPECC-SET 27 and IPEC-SET 9

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Interprofessional Education Collaborative (IPEC) (2011). [Core competencies for interprofessional collaborative practice: Report of an expert panel.](#) Washington, DC. Interprofessional Education Collaborative.

Interprofessional Education Collaborative. (2016). [Core competencies for interprofessional collaborative practice: 2016 update.](#)

As the authors continue their work on the development of the IPECC-SET group of instruments, knowing who is reviewing them or considering using them is of great interest. Please share any feedback on your experience using the instruments and information on any publications in which they are used at <https://vcha.uic.edu/evaluation-assessments/>.

Interprofessional Education Collaborative Competency Self Efficacy Tool (IPECC-SET)

Authors' Note: The IPECC-SET was developed from the core competencies for interprofessional collaborative practice (ICP) defined by the Interprofessional Education Collaborative (IPEC) (2011). *Core competencies for interprofessional collaborative practice: Report of an expert panel.* Washington, DC. Interprofessional Education Collaborative. The IPEC Core Competencies define the domain of interprofessional collaborative competence and delineate 4 competencies and 38 sub competencies: Values/Ethics for Interprofessional Practice (VE - 10 sub competencies); Roles/Responsibilities (RR - 9 sub competencies); Interprofessional Communication (CC - 8 sub competencies); and Teams and Teamwork (TT – 11 sub competencies). The items have been randomly ordered in the IPECC-SET to maximize consideration of each individual sub competency rather than in groups within a competency area.

In addition to the original, 38-item IPECC-SET, we have developed two shorter tools, IPECC-SET 27 and IPECC-SET 9. All three instruments, IPECC-SET 38, IPECC-SET 27 and IPECC-SET 9, can be used to measure self-efficacy for competence in ICP. The three versions are intended to be used for different purposes depending on the objectives of the evaluation. For example, the original full-length IPECC-SET 38 can serve as a comprehensive baseline, interval or summative measure to assess development of competence over time or for formative evaluation in which the learner would benefit from a thorough level of reflection. The IPECC-SET 27 or IPECC-SET 9 can be useful in evaluation of the effectiveness of an education program, in which multiple instruments and levels of evaluation are being used or where managing respondent burden is a priority.

Directions for use: IPECC-SET authors recommend using an electronic version of the tool such as Qualtrics (<https://www.qualtrics.com/>). The authors use a 100-point slider bar (a response format option in Qualtrics) which allows for a continuous rating scale for each competency. Using this same standard format for rating will provide opportunities for comparative studies across institutions.

In the original Qualtrics version, the 38 competencies are presented in 4 sections (A-D). The 4-section formatting is replicated in the paper version of the full IPECC-SET 38 and the IPECC-SET 27 that follow. The IPECC-SET 9 item version is only one section. A visual analogue scale with “0 = No confidence at all” and “100 = Totally confident” as anchors would nearly replicate the slider bar format used in the Qualtrics version.

Pages 4-7 - IPECC-SET 38

Pages 8-11 - IPECC-SET 27

Page 12 - IPECC-SET 9

Comparison between versions: The number in parentheses after each item is the number of the item in the original random ordered IPECC-SET 38. The letters and numbers after each item in IPECC-SET 38, IPECC-SET 27 and IPECC-SET 9, denote the competency area (RR, VE, TT, CC) and number of the original item from IPEC’s 2011 version of the Core Competencies for Interprofessional Collaborative Practice.

Other measures: In our work, we gathered data on participants’ demographic variables. We recommend that users determine what demographic and other measures they would like to assess and include them as part of the survey as they deem appropriate.

IPECC-SET 38 – SECTION A

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

___ Work in cooperation with those who receive care, those who provide care, and others who contribute to or support the delivery of prevention and health services. (1) VE5

___ Communicate consistently the importance of teamwork in patient-centered and community-focused care. (2) CC8

___ Manage ethical dilemmas specific to interprofessional patient/ population centered care situations. (3) VE8

___ Place the interests of patients and populations at the center of interprofessional health care delivery. (4) VE1

___ Perform effectively on teams and in different team roles in a variety of settings. (5) TT11

___ Engage other health professionals—appropriate to the specific care situation—in shared patient-centered problem-solving. (6) TT3

___ Recognize how one’s own uniqueness, including experience level, expertise, culture, power, and hierarchy within the healthcare team, contributes to effective communication, conflict resolution, and positive interprofessional working relationships. (7) CC7

___ Express one’s knowledge and opinions to team members involved in patient care with confidence, clarity, and respect, working to ensure common understanding of information and treatment and care decisions. (8) CC3

___ Give timely, sensitive, instructive feedback to others about their performance on the team, responding respectfully as a team member to feedback from others. (9) CC5

___ Reflect on individual and team performance for individual, as well as team, performance improvement. (10) TT8

IPECC-SET 38 – Section B

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

___ Use process improvement strategies to increase the effectiveness of interprofessional teamwork and team-based care. (11) TT9

___ Describe the process of team development and the roles and practices of effective teams. (12) TT1

___ Use respectful language appropriate for a given difficult situation, crucial conversation, or interprofessional conflict. (13) CC6

___ Forge interdependent relationships with other professions to improve care and advance learning. (14) RR7

___ Choose effective communication tools and techniques, including information systems and communication technologies, to facilitate discussions and interactions that enhance team function. (15) CC1

___ Engage self and others to constructively manage disagreements about values, roles, goals, and actions that arise among healthcare professionals and with patients and families. (16) TT6

___ Use unique and complementary abilities of all members of the team to optimize patient care. (17) RR9

___ Engage in continuous professional and interprofessional development to enhance team performance. (18) RR8

___ Listen actively, and encourage ideas and opinions of other team members. (19) CC4

___ Demonstrate high standards of ethical conduct and quality of care in one's contributions to team-based care. (20) VE7

IPECC-SET 38 – Section C

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

___ Recognize one’s limitations in skills, knowledge, and abilities. (21) RR2

___ Respect the unique cultures, values, roles/responsibilities, and expertise of other health professions. (22) VE4

___ Act with honesty and integrity in relationships with patients, families, and other team members. (23) VE9

___ Communicate one’s roles and responsibilities clearly to patients, families, and other professionals. (24) RR1

___ Embrace the cultural diversity and individual differences that characterize patients, populations, and the health care team. (25) VE3

___ Apply leadership practices that support collaborative practice and team effectiveness. (26) TT5

___ Use the full scope of knowledge, skills, and abilities of available health professionals and healthcare workers to provide care that is safe, timely, efficient, effective, and equitable. (27) RR5

___ Organize and communicate information with patients, families, and healthcare team members in a form that is understandable, avoiding discipline-specific terminology when possible. (28) CC2

___ Share accountability with other professions, patients, and communities for outcomes relevant to prevention and health care. (29) TT7

IPECC-SET 38 – Section D

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

___ Communicate with team members to clarify each member’s responsibility in executing components of a treatment plan or public health intervention. (30) RR6

___ Develop consensus on the ethical principles to guide all aspects of patient care and teamwork. (31) TT2

___ Develop a trusting relationship with patients, families, and other team members (CIHC, 2010). (32) VE6

___ Integrate the knowledge and experience of other professions— appropriate to the specific care situation—to inform care decisions, while respecting patient and community values and priorities/ preferences for care. (33) TT4

___ Explain the roles and responsibilities of other care providers and how the team works together to provide care. (34) RR4

___ Maintain competence in one’s own profession appropriate to scope of practice. (35) VE10

___ Use available evidence to inform effective teamwork and team-based practices. (36) TT10

___ Respect the dignity and privacy of patients while maintaining confidentiality in the delivery of team-based care. (37) VE2

___ Engage diverse healthcare professionals who complement one’s own professional expertise, as well as associated resources, to develop strategies to meet specific patient care needs. (38) RR3

IPECC-SET 27 – SECTION A

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

___ Work in cooperation with those who receive care, those who provide care, and others who contribute to or support the delivery of prevention and health services. (1) VE5

___ Communicate consistently the importance of teamwork in patient-centered and community-focused care. (2) CC8

___ Manage ethical dilemmas specific to interprofessional patient/ population centered care situations. (3) VE8

___ Perform effectively on teams and in different team roles in a variety of settings. (5) TT11

___ Engage other health professionals—appropriate to the specific care situation—in shared patient-centered problem-solving. (6) TT3

___ Recognize how one’s own uniqueness, including experience level, expertise, culture, power, and hierarchy within the healthcare team, contributes to effective communication, conflict resolution, and positive interprofessional working relationships. (7) CC7

___ Express one’s knowledge and opinions to team members involved in patient care with confidence, clarity, and respect, working to ensure common understanding of information and treatment and care decisions. (8) CC3

___ Give timely, sensitive, instructive feedback to others about their performance on the team, responding respectfully as a team member to feedback from others. (9) CC5

___ Reflect on individual and team performance for individual, as well as team, performance improvement. (10) TT8

IPECC-SET 27 – Section B

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

____ Describe the process of team development and the roles and practices of effective teams. (12) TT1

____ Forge interdependent relationships with other professions to improve care and advance learning. (14) RR7

____ Engage in continuous professional and interprofessional development to enhance team performance. (18) RR8

____ Demonstrate high standards of ethical conduct and quality of care in one's contributions to team-based care. (20) VE7

IPECC-SET 27 – Section C

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

___ Recognize one’s limitations in skills, knowledge, and abilities. (21) RR2

___ Communicate one’s roles and responsibilities clearly to patients, families, and other professionals. (24) RR1

___ Apply leadership practices that support collaborative practice and team effectiveness. (26) TT5

___ Use the full scope of knowledge, skills, and abilities of available health professionals and healthcare workers to provide care that is safe, timely, efficient, effective, and equitable. (27) RR5

___ Organize and communicate information with patients, families, and healthcare team members in a form that is understandable, avoiding discipline-specific terminology when possible. (28) CC2

___ Share accountability with other professions, patients, and communities for outcomes relevant to prevention and health care. (29) TT7

IPECC-SET 27 – Section D

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

___ Communicate with team members to clarify each member’s responsibility in executing components of a treatment plan or public health intervention. (30) RR6

___ Develop consensus on the ethical principles to guide all aspects of patient care and teamwork. (31) TT2

___ Develop a trusting relationship with patients, families, and other team members (CIHC, 2010). (32) VE6

___ Integrate the knowledge and experience of other professions— appropriate to the specific care situation—to inform care decisions, while respecting patient and community values and priorities/ preferences for care. (33) TT4

___ Explain the roles and responsibilities of other care providers and how the team works together to provide care. (34) RR4

___ Maintain competence in one’s own profession appropriate to scope of practice. (35) VE10

___ Use available evidence to inform effective teamwork and team-based practices. (36) TT10

___ Engage diverse healthcare professionals who complement one’s own professional expertise, as well as associated resources, to develop strategies to meet specific patient care needs. (38) RR3

IPECC-SET 9

Instructions: Please rate how confident you are that you can demonstrate the skills below. A slider bar (0-100) will appear to mark your selected rating. Higher ratings indicate higher confidence.

___ Perform effectively on teams and in different team roles in a variety of settings. (5) TT11

___ Engage other health professionals—appropriate to the specific care situation—in shared patient-centered problem-solving. (6) TT3

___ Recognize how one’s own uniqueness, including experience level, expertise, culture, power, and hierarchy within the healthcare team, contributes to effective communication, conflict resolution, and positive interprofessional working relationships. (7) CC7

___ Express one’s knowledge and opinions to team members involved in patient care with confidence, clarity, and respect, working to ensure common understanding of information and treatment and care decisions. (8) CC3

___ Give timely, sensitive, instructive feedback to others about their performance on the team, responding respectfully as a team member to feedback from others. (9) CC5

___ Recognize one’s limitations in skills, knowledge, and abilities. (21) RR2

___ Organize and communicate information with patients, families, and healthcare team members in a form that is understandable, avoiding discipline-specific terminology when possible. (28) CC2

___ Share accountability with other professions, patients, and communities for outcomes relevant to prevention and health care. (29) TT7

___ Develop consensus on the ethical principles to guide all aspects of patient care and teamwork. (31) TT2