

In partnership with IHI UBC & VCH:

The Quality Improvement Practicum Program

Student Timeline & Information

Timeline

Description	Suggested Date/Deadline
QI101: Fundamentals of improvement, QI102: The Model of Improvement: Your Engine for Change, QI103: Measuring for Improvement	Complete before initial project meeting
Initial project meeting between QI champion and student teams Sign QI201 Lesson 1, IHI Practicum: Teacher Learner Agreement	Early to mid January
QI201 Lesson 2, IHI Practicum: Project Charter QI201 Lesson 2, IHI Practicum: Cause and Effect Diagram	Early February
QI201 Lesson 3,4 & 5, IHI Practicum: PDSA Cycle 1	End of February
QI201 Lesson, 3,4 & 5, IHI Practicum: PDSA Cycle 2	End of March
QI201 Lesson 6, IHI Practicum: Final Report	End of February

The timeline above is a suggested timeline that we have planned based on projects that are planned for the cycle of January to April, depending on the scope of your project as discussed with your QI champion. If you plan for a longer and more intensive project, you may plan to finish in August and the timeline will adjust accordingly.

For your final report, VCH will provide opportunities for you to present your work within the organization. We also recommend that you think about applying to the local Quality Forum to speak on your work as well!

The QuIP workshops held by IHI UBC, if you choose to attend in the Spring semester, will also help to enhance your background knowledge. Subscribe to our newsletter here (<http://www.ih iubc.com/contact-us.html>) to receive updates about upcoming QuIP workshops.

Information on Required Online Courses

You'll need to make an account on IHI.org in order to access the online courses through the IHI Open School. Register with IHI.org here:

<https://www.ih i.org/ layouts/ih i/login/login.aspx?hidemsg=true&ReturnURL=%2fPages%2fdefault.aspx>

QI 101: Fundamentals of Improvement, 1.25hrs

Serious errors occur at the best hospitals and clinics – despite the best efforts of talented and dedicated providers. As the Institute of Medicine (IOM) declared in 2001, in words that still ring true, “Between the health care we have and the care we could have lies not just a gap, but a chasm.” This course launches you on your journey to becoming a health care change agent. First, you’ll get a sense of the scope of the problem, from an up-close and personal look at a wrong-site surgery at a major academic hospital... to a high-level picture of the current quality of care in the US and around the world. Then you’ll begin to work on a solution to the problem, using the roadmap for change offered by the Institute of Medicine’s six aims for improvement – and a theory of how to change systems.

QI 102: The Model for Improvement: Your Engine for Change, 1.5hrs

This course will teach you how to use the Model for Improvement to improve everything from your tennis game to your hospital’s infection rate. You’ll learn the basic steps in any improvement project: setting an aim, forming a team, selecting measures, developing ideas for changes, testing changes using Plan-Do-Study-Act (PDSA) cycles, and measuring to determine if the changes you are testing are leading to improvement.

QI 103: Measuring for Improvement, 1hr

Measurement is essential in any improvement work: It tells you if the changes you are testing are leading to improvement. But measurement for improvement is different from measurement for research. In this course, you’ll learn how to use three basic kinds of measures: outcome, process, and balancing measures. You’ll learn how to collect, display, and interpret data – to ensure that measurement accelerates the pace of change, rather than slowing it down.

IHI Open School Practicum QI 201

Students will be handing in their work through the IHI Practicum. To access these courses, go to this link: <http://app.ihi.org/lms/onlinelearning.aspx>. Here is a description of what the IHI Practicum entails:

This course is designed to walk you through the process of conducting a quality improvement project. It will call on your knowledge and learning from many other IHI Open School courses, and help you apply quality improvement skills in a real-world setting. Unlike other courses in our catalog, you will submit documents after several of the lessons. Upon successful completion of the course, you will receive the IHI Open School Practicum Certificate, showing future employers and health care organizations that you have the skills, knowledge, and desire to improve care processes. To help make sure your project is headed in the right direction, we will review the project charter you submit after Lesson 2 and provide written feedback. Then, at the end, after you turn in your summary report, we will provide additional feedback about your project and the lessons learned. You will submit the following at the end of each lesson:

Lesson 1: Teacher-learner agreement

Lesson 2: Project charter

Lesson 3: Cause and effect diagram

Lesson 4: No documents submitted during this lesson

Lesson 5: At least two PDSA cycles and a run chart

Lesson 6: Summary report