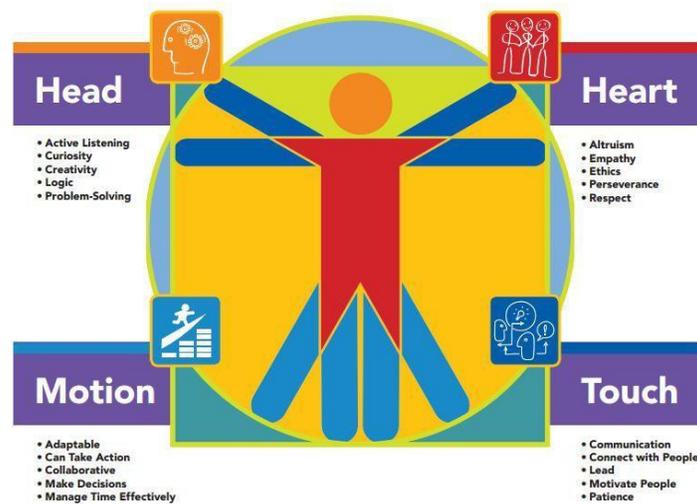


Summer 2014 Quarter Updates from the Center of Excellence for Information & Computing Technology

The Center of Excellence for Information and Computing Technology wants to share some research that was completed this June, as well as refresh and update you on a few things you might have missed. So, welcome to summer quarter...

The Ideal IT Student



[**Building an IT-Ready Washington: 2015 and Beyond**](#) outlines the in-demand technical skills and knowledge, including employability skills, IT students should become familiar with as they are required by prospective employees. The information, resources, and expansion on what these technical knowledge and skills are, and why they are important increases the probability the IT student will be prepared to meet their future employer's job requirements and responsibilities. This report also showcases and details a compilation of standards for IT students and educators in creating clearer expectations of what an IT program should be offering in terms of content. Essentially, these highly desirable attributes, as identified by a team of IT professionals, should be absorbed into the student's lexicon upon graduation. There are six sections to this report, for a total of 48 pages.

It is easy to read, easy to use, and provides you with the latest technology trends and curriculum recommendations.

- [**Introduction: Building an IT Career-Ready Washington: 2105 and Beyond**](#)
- [**Section 1. For an IT graduate \(whether a 2- or 4-year degree\) about to enter the workforce, we asked our IT Professionals what are the top five IT courses and subsequent IT concepts/competencies they should have mastered? For example, networking, programming, database design/development, etc.**](#)
- [**Section 2. What new technology competencies should the IT graduate be anticipating and searching out to master either in college, a training program, opportunities provided online, or by self-mastery \(reading a book, or IT content-specific website\)?**](#)

- [Section 3. Often, IT employers bemoan the lack of innovation and critical thinking in an IT graduate. Why do you think that is? What can a student do to “grow” their own capacity to innovate think critically?](#)
- [Section 4. When you are training and/or mentoring a new IT employee, what main things do you spend the most time on with them to improve their performance?](#)
- [Section 5: What Constitutes the Ideal IT Student? The IT professionals were asked, based upon their own IT experiences, to take the diagram below and write down which qualities would make up the ideal IT student. They were asked to think about this in the context of their IT expertise/specialization \(i.e. web, programming, gaming, etc.\)](#)
- [Section 6. Bryan Stevenson Talks about The Challenges and Opportunities of Creating the Ideal IT Career Pathway](#)

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IT Common Courses

IT faculty from around the state assembled in May 2014 at the **Mercer Island Community and Event Center** for the **Creating IT Futures Summit 2014**. They came to consensus on the six IT common courses they had been working on over the last two years.

- [Here is a list of the final six courses](#), including naming and numbering conventions.
- IT faculty will continue with IT common course work with additional courses that they selected for the next round, as well as creating a statewide CTC IT program marketing plan that the Center will be funding. You can read about the final decisions, outcomes, and steps IT CTC faculty will be taking moving into 2014-2015, “Updates & Final Decisions”, [here](#).



IT Applied Baccalaureate (BAS) Degrees

A [resource section](#) has been created on the Center’s website to house all things IT BAS. Colleges who would like to share resources, curriculum, proposals, etc. are invited to submit them to the Center.

There has also been a decision made by IT faculty on the standardization of IT BAS degree titles, that the State Board will be adopting moving forward.

Look for more updates, including options for having your college's IT program reviewed, two new summits, and information about a college consortium opportunity to participate in a MTA Microsoft certification subscription plan.

Please contact the Center with any questions at Maureen.majury@bellevuecollege.edu.