

CIT Advisory Committee Meeting Minutes

11/16/2018

EC CART Dining

Meeting was called to order by Heidi at 12:18pm

Everyone was asked to sign in

Everyone got food.

Heidi Started by mentioning she went to the WV Cyber Summit on 11/15 and there they mentioned the GAP of learning that employers recognized was the lack of hands on experience- Whether in a lab or in real life.

Dave Stoffel mentioned that most classes do hands on learning.

Dave asked the committee what do you need in your future employees that we can provide? Can we/Should we alter course work? Do more labs? More certs?

The committee stated they didn't know how much we could alter courses

J. Doolin mentioned that we have more room than you would think/expect.

The committee mentioned that having a self learning objective would help out immensely. Encouraging students to google, youtube, blog, etc. to find answers instead of going to their bosses.

J. Doolin explained how he implements this type of assessment into his operating systems class using the discussion board within BB.

D. Stoffel mentioned that spelling, grammar, and knowledge of proposals are important, along with problem solving skills, and that is what is taught in CIT 250 IT analysis and Design.

D. Rapp emphasized how we should add a "Googling" skills lesson to our courses- Something that helps students understand that adding or deleting little things from their search engine terms can help narrow down results. J. Doolin said they have a lesson on this in Fundamentals of Hacking, but we all agreed that adding it to the CIT 117 class for all students to learn would be great.

Scott Jones mentioned that CLOUD knowledge would give the students an advantage over people who have been in the workplace for 10+ years. Rapp and Bob Roset agreed-both their companies have some info in the CLOUD.

The committee discussed the "Flipped" classroom style- having the students cover a topic and then teach it to the other students. It makes the Lectures much more fun and productive.

Rapp mentioned they are having an issue with a COTS product- going back to the Self learning- instead of calling the company and rebooting, is there something else they can do to fix the problem? They need people who take the initiative to solve or fix problems.

J. Doolin bragged that our CIT 105 Operating systems class transferred at a 400 level class to Southern New Hampshire University

The committee agreed that we should have a more open schedule- With more classes being offered online/at night, or to High school students. Getting the community more imbedded would help enrollment. Getting the HS students to enroll would be great.

Jones asked Heidi to talk about the Red Hat opportunity: Heidi mentioned it is a work in progress, but we are trying to get all our ducks in a row to become a "Red hat academy". Which would give us access to more learning materials, discounts on tests/ certifications, and prepare more students to get jobs that require red hat skills, which are currently lacking in the workplace.

A few key notes from the committee:

More: Hands on, Problem solving, Search Query knowledge, and Certs

Roset mentioned that he has 3 Software development positions open right now, and has 0 WVNCC grad applications. Rapp agreed that they lack WVNCC graduate applications. Heidi, Stoffel, and Doolin said they would encourage some of the students to look into these opportunities. Roset mentioned that he is looking for people who can execute API calls, run stored procedures, and work on their own servers. VB and C# knowledge.

Heidi requested that [if possible] any of the companies could send us LARGE data sets for our students to practice with. This would help them with hands on activities- Like running a query on a 100 record data source always works, but once you get to bigger data sets, with millions of records, it would time out because it is written wrong or in a more complicated way than necessary.

Heidi, Stoffel, and Doolin Thanked everyone for coming.

The meeting was adjourned at 1.