

School of Information Technology
Narratives for KPI Plans Year End Review
December 9th, 2019 by Ben Weng

These KPI plans were originally submitted on 3/4/2019. The following are responses to each itemized narrative.

Area One Increasing Awards

Deliverable 1 Developing an AS degree in Computer Science

Response. This plan is no longer being pursued. After careful review, it is determined that (1) we do not have credentialed faculty and won't be able to hire new ones given the current market, and (2) there is no evidence of a strong enough need from the students.

Deliverable 2 Cybersecurity: Teaching, learning and certification

Task 2.1 Completing the application for certification of Cyber Education Center

The preparation is underway. The application will be submitted for the 2019 or 2020 cycle.

Response. This is still in the works, with the goal of completing in AY 21 Cycle. This turns out to be more work than expected: We might have to consider commissioning it to faculty with some RCE.

Task 2.2 Acquire the servers and software required for the certification and the program

Response. This is completed.

Task 2.3 Working with Cyber Defense club on planning for future events and events

Response. This is ongoing as planned.

Deliverable 3 Promoting the programs in the School of ITEC

Task 3.1 Continuing to sponsor Twin Cities Coder Dojo and Rebecca Coder Dojo

Response. This is ongoing as planned.

Task 3.2 Working with the Foundation to connect to industry partners for collaboration and opportunities

Response. This is ongoing as planned. We have indeed made significant breakthroughs in this area, with the new partnership with US Bank.

Task 3.3 Working with the Career Services to employers. Continuing the success of ITEC Career Fair.

Response. This is ongoing as planned. The career fair has been successful, as well as the Info Night.

Task 3.4 Reaching out to at least 2 high school partners

Response. This is not yet done. We do have regular interaction with MPS through multiple channels.

Task 3.5 *Reviewing the curriculum and creating a program (AAS) that can be transferred seamlessly to Metro State.*

Response. Andy Chrastek will report on this after his sabbatical in Spring 2020.

Task 3.6 *Connecting to at least 2 transfer destination institutions*

Response. We have established transfer agreements with St. Mary's University of MN, one of the most frequent destinations for students of ITEC. There are also ongoing conversations with related programs in Concordia University and Augsburg Universities.

Area Two Closing Achievement Gaps

Deliverable 4 Advancing Teaching and Learning

Task 4.1 *Reviewing and adjusting the prerequisites of existing courses to ensure student success.*

Response. The faculty lowered the prerequisites of ITEC 2865 and 2895 to allow more students into these courses and graduate on time.

Task 4.2 *Dedicating time for faculty to discuss teaching and best practices in the classroom.*

Response. This is not fully implemented, although the ITEC faculty seem to be discussing teaching and their shared students a lot.

Task 4.3 *Dedicate time to discuss active learning strategies*

Response. This is not yet implemented.

Deliverable 5 Creating a vibrant learning community

Task 5.1 *Adding more computers in the hallway of the T-3000 Suite and recreating the space, making it welcoming for studying and discussions.*

Response 1. About the space. Some cleaning and repainting was done this summer, but anything beyond that would be a capital project. We continue to engage our corporate partners for possible sponsorship.

Response 2. About computers. US Bank has an ongoing conversation with us about donating hardware and software to the ITEC program.

Task 5.2 *Participating in North Star STEM Alliance*

Response. This is discontinued because no faculty is available. ITEC students in the North Star STEM Alliance are advised by Haile (math faculty), together with the students in math and science.

Task 5.3 *Promoting the student clubs and their activities*

Response. This is ongoing, and the ITEC Program did great in this area in 2019. The Cyber Defense Club continues to thrive and performing well at statewide competitions (Steve and Brian). The Women in Technology Club is very active in many campus-wide events, and will represent the College in the 2020 MPS STEM Expo (Clara and Catherine).