Cyber Information Technology
Information Programmer Analyst Subcommittee Meeting Minutes
December 13, 2010

I. Call to order/Introductions
   A. Dalia Gumeel called the meeting to order at 10:05am and everyone introduced themselves.
   B. Attendees
      • Dalia Gumeel – Instructor of Cyber Information Technology, BPCC
      • Jeff Key – Manager of Development, Morrison & Dickson.Net
      • Achla Agarwal – Instructor of Cyber Information Technology, BPCC
      • Laura Goadrich – Dean of Cyber Information Technology, BPCC
      • Keith Simpson – Praeses, Manager of Development
      • Lili Kassaee – Instructor of Cyber Information Technology, BPCC
      • Tom Hopkins – Instructor of Cyber Information Technology, BPCC
      • Patrick Wheatley – Programming Student
      • Heather Kasperic – Recruit at Praeses
      • Jason Cooper – Instructor of Cyber Information Technology, BPCC
      • Sara Herbert – Centenary Multimedia; Independent Contractor
      • Mark Goadrich – Centenary Professor of Computer Science

II. Division Merger
   A. Effective the fall semester, the academic area aligned the computer Information systems courses within the Division of Cyber Information Technology. This realignment affords the opportunity of Interfacing Similar subject matter more closely for enhanced delivery of academic services to students.
   B. The Division of Cyber Information Technology is now responsible for all Cyber Information Technology, Computer Information System, Computer Web Design and Management Information system courses.
   C. Discussion of Division Merger
      1. Keith – Opened with questions about the goal of the program.
         Laura – Replied with the goal of both 4-year transfer to a college with a Computer Science major.
         Jeff – Query about the purpose of Advanced programming course Half would be Java, C#, and half would be .Net
         Keith – Concerned about the transfer goal with NSU since his company, Praeses, has only hired one NSU graduate within the last 5 years since Cobol focused.

III. Current court requirements
IV. Strengths and weakness of current course load – (Dalia Gumeel - We are trying to help the student get the most from the course work)

V. Courses to add or remove from the program
   o Consideration to replace CIS 115 (Software Applications) with CIT 242 (Computer Architecture)
   o Consideration to replace CIS 117 (Introduction to Visual Basic) with “Programming Elective”
   o Consideration to replace CIS 209 (Advanced MS Access) with CIT 243 (Data Structures)
   o Consideration to replace CIS 217 (Visual Basic II) with “Programming Elective”
   o Consideration to replace CIT 160 (COBOL Programming) with “Hardware Elective”
   o Consideration to replace CIT 161 (COBOL Programming II) with CIT 151 (Advance Java Programming)
   o Consideration to replace CIT 235 (Web Application Development) with CWD 230 (Web Design II)
   o Consideration of list of Programming electives: CIS 113, CIS 213, CIT 160, CIT 161, CWD 210
   o Consideration of list of CIT electives: CIT 101, 112, 115, 282
   o Consideration of new classes: CIT 242 (Computer Architecture), CIT 243 (Data Structure)

VI. Review/Discussion on course changes
A. Dalia Gumeel reviewed the above changes to be made.
B. Discussion
   1. Jeff – Feels that SQL should be taught earlier (2nd semester). SQL gives a student good business knowledge. Also we should make sure that there are not be 2 programming classes in the 2nd semester. That way we won’t overload the student with too many programming classes at one time.
      Keith – Question about the content covered in CWD 130 including. Several good topics would be the I-Pad, I-Phone, and CS5
      Jeff – Encouraged an additional focus on HTML5 and Mobile Apps.
      Laura – We are considering a textbook of learning Data Structures with Mobile Apps for the new course CIS 242.
      Keith – Encourages that CWD 230 needs to include objective C. Therefore the topics course can include current updates and CIT 270 was encouraged to map to the SQL 2008 certification.
      Jeff – Encourages including hand written queries in CIT 270.
      Sara – One database class is enough for this program.
Keith—Mentioned his preference that for a programming degree, it is okay to not have a focus on certifications.
Laura—Mentioned that we have three certifications embedded.
Keith—MSAT is a good starter certification.
Achla—Concerned about CIS 117 & CIS 217 removal.
Keith—Can cover concepts in Java class. NSU – targets TI & Statefarm 60% of NSU. ULL has strong programming hires for Praeses. General background, not language specific.
Heather—Mobile apps. is a niche that the students need in the area that is not being met, therefore including it in more than one course is a good idea.
Keith—No VB in the industry today, but VB.NET is being used more.
Laura—Our CIT 217 teaches VB.NET.
Jeff—Teaching C# (close to objective C) prepares students for VB.
Laura—This is something that we would like to include in the advanced topics course
Patrick—Noted that you can use text boxes in Java to cover the same concepts.
Sara—Encourages students to have knowledge of user experience/education in creating user interface design.
Keith—Wire-framing and user testing is needed.
Sara—Workflows are needed.
Laura—Summarized that CWD 230, the advanced topics course, can add it for 8 weeks (1/2 the course).
Sara—Encourages the additions, stating that it will create a flexible programmer.
Lili—It’s also covered in CWD 130 – introduction to web design.
Sara—It is also a good idea to build it into several classes like: CWD 130, CWD 230, CIT 151, CIT 282.
Tom—Mentioned that in CIS 102 you get design practice.
Sara—Discussed that in the field, students will need the experience to work with clients to address their concerns and handle problems. Certifications are not a main focus. Most are hiring for skills that can be expressed in a job interview.

VII. Vote on changes – Meeting to vote on new changes will be held in Feb. 2011, vote for all recommendations did not pass, but the subcommittee did agree that the changes mentioned during the meeting would enhance the program and should be made. Updates will be sent via e-mail and to get confirmation on new updates.

VIII. Meeting adjourned at 11:00am.

The minutes were submitted by: Patti Swart
The minutes were approved by: Laura Goadrich