

COMPUTER SCIENCE ADVISORY COMMITTEE

Meeting Minutes

April 4, 2008

1:00 p.m. Room 407A

Those in attendance:

College Faculty and Staff

Tom Ashby	Kathy Cupp	Vicki Gibson	Tm Green	Al Heitkamper
Haifeng Ji	Sara Mathew	Anita Philipp	Mary Williams	Gary Dominguez

Jonny Allen – Coordinator Technology Training, OCCC
Tom Copeland – Information Systems Manager, DEQ Oklahoma
Michael Harris – Addison Technical
Kent Nabors – VP information Security, MidFirst Bank
Dale Small – FAA Contractor, Arctic Slope Regional Corp
Rob Standridge – President/CEO, RS Software
Lori Wohl – Addison Technical

Professor Ashby opened the meeting by welcoming and thanking everyone for attending. He then had everyone introduce themselves.

The packets with the list of Advisory committee members, brochures, course descriptions and the meeting minutes of last meeting were provided to everyone.

Professor Ashby had the lead Instructors explain the curriculum, updates and changes for each emphasis. Following lead instructors explained their programs;

- Professor Cupp - Computer Programming
- Professor Green - Computer Systems Support
- Professor Philipp - Web Design and Development.
- Professor Heitkamper - Cyber/Information Security
- Professor Ji - Database

Professor Ashby reported on the hardware structure and software changes we have made this year. The biggest change is that the computers in one of the class rooms were replaced with high-end workstations, which include dual processors, plenty of memory and three hard drives. This class room is primarily used for cyber/information security, SQL server, oracle administration and network administration. There are router switches and firewall that could be reconfigured when needed. He also shared with us that the mobile devices are introduced in this semester. PDAs and Pocket PCs are used in his media and gaming classes and he has tried to introduce the appropriate classes to these new mobile technologies.

Also he mentioned that we are looking into going to a high-end, a 64-bit architecture technology for a couple of class rooms next year, which is still in the budget process.

Professor Williams asked the members for input on current and future trends.

She shared with us her thoughts as a consultant; she thinks the necessary skills for this profession are communication skills, project management skills and general business skills as well as all the technical requirements. She thinks that the internship program would benefit students a lot, giving them the chance to see the real market. She also mentioned that research skills are very important in order to create a report.

Professor Williams mentioned that the assignments for the research paper and required business communication classes for the curriculums would help students to develop the necessary skills.

Professor Ashby added that the lack of communication skill is actually one of the common problems for IT specialists. We have focused on making students understand the importance of communication skill.

Mr. Eubanks shared with the group that he had experienced some problems with inexperience and younger generations due to the lack of communication and general business skills. It seems like that many those people do not realize how to act their roles as IT professionals and team players. He also mentioned that writing skills are very important as well. He agrees that research skills are another necessary skill to analyze the data and identify determine problems.

Professor Ashby asked if there was anything new that we needed to be aware of in the market.

Mr. Eubanks mentioned that the objected oriented programs are coming back in the market.

Ms. Patton brought up that, security is one of the major subjects with mobile devices and its related programs are hot topics as well. Especially the security issues on mobile devices.

Professor Green asked what aspect to look for Unix and Linux. And Professor Philipp mentioned that Linux is a requirement course for Web Design and Development emphasis students for Apache server.

Mr. Eubanks told us that Microsoft is dominate, the problem that Unix and Linux has there is no standard choice for industries.

Professor Ashby asked if there were any more suggestions or thoughts from the members and thanked everyone again for participating in the meeting. The meeting was adjourned.