



**School of Engineering and Technology Industrial Advisory Board
Minutes for Spring Meeting at Lake Superior State University
Friday, April 26, 2013**

Members Present:

Bob Andersen, Fred Berg, Nathan Callaghan, Lynnette Eding, Steven Kars, Ralph Larsen, Brian Theriault, Don Stephanic, Adil Shafi, Tim Bennett, Trevor Swenson, Marty Zoerner, Jim Gibbs, John Tillotson, Diane Haig, Ernest Maas, Ralph Shoberg and John Truckey. Guest – Fred Borchaze, friend of Ralph Shoberg.

LSSU personnel present:

Dr. David Baumann, Dr. Andrew Jones, David Leach, Joe Moening, Dr. David Finley, Eric Becks, Jim Depvasaad, Dr. Hildebrand, Professor Weber and Jeanne Shibley.

Business:

- Meeting Called to Order at 8:43am by Nathan Callaghan, Chairman of IAB
- Nathan reviewed the Meeting Agenda
- Went around the room – Introductions of Members and LSSU staff
- Showed video on robots which simulate human activities
- Handed out articles on “the cause of engineering project delays – multitasking”

Meeting Minutes – Steven Reviewed the Minutes from the Fall Meeting

Motion to approve meeting minutes

Fred Berg – Moved

Tim Bennett – Second, Carried

Chairman’s Report

- IAB Scholarship Update – Reviewed the updates to the IAB scholarship funding requirements and will award larger amounts to students to attract them to LSSU engineering
- New Candidate – Paul Blackford – Reviewed his accolades – Adil talked about him, Jim Depersadd also talked about him, Motion to accept his Candidacy: Jim Gibbs, Second – Adil, Carried.
- Chairman Election – 2 year appointment – Nathan reviewed IAB officer Responsibilities to the group, he said he would have to step down due to pursuing his masters degree, and other family responsibilities which will not allow for him to focus on his.
- Brian T – Moved to make Steve the next chairman, Second – Tim Bennett, Carried
- Secretary Election – Due to Steve’s vacancy, we have to elect a new secretary
- Nathan reviewed the responsibilities, Nominations to secretary Lynnette Eding. Motion to approve Lynnette by Ralph Shoberg, second Bob Anderson, Carried.

Recruitment Subcommittee Report – Trevor Swenson

- Reviewed the meetings with Korah High School in Sault Canada – Good Ideas to improve recruitment with the Canadian Students
- First Robotics Event Participation – Reviewed, asking for more Alum and IAB participation
- 3 Local Clubs

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- Alumni Video Inquiry – make videos of work place, to present on the website, YouTube to try and bring interest to LSSU Engineering
- Reviewed the fall events further, summer camps in high demand
- Reviewed Low lights and Final Thoughts – Call out for IAB to attend events and target specific events
- Future Improvement- Ontario recruitment, more members to IAB sub committee, video creation, recruiting cards and more attendance at MACRO notes
- Thanks to Jeanne and IAB for continued support

Break – 9:40am – 9:55am

Program/School Updates – Dr. David Baumann, Chair of Engineering

- Thanks to Continental donation of an automobile
- Diane Haid – AMT for sponsoring robotic senior project
- IAB for Recruiting
- 65 Engineering Freshmen!
- 35 seniors – 7 project, lots of ECE grads – need projects for 2013-14 class year
- Abet – Update
- Deficiency for Programs
- Corrections #1 – now have Abet defined “student outcomes”
- Corrections #2 – Use direct evaluations of student work vs. course grades
- Major Program Changes
 - -Eng. Management “suspended”
 - -Accreditation for EET and MfgET? Should they continue to keep this accreditation? Asked for input from the board if they thought it was something they should keep. Good Lengthy Discussion.
 - -Consensus from the board is to remain accreditation on the EET and MfgET programs.
 - -Needs: -CNC Mill or lathe, 4 axis preferred
 - Funding of student group activities – solicit for interest from IAB
- -Michigan Funding of Engineering – Increased number of engineering grads in Michigan, funding capital items. Money is used for big expansions, branch out into other fields to attract new students. Suggestions were asked from the IAB for ideas. Adil mentioned underwater robotics applications. Upgraded lab equipment. Equipment for PDC or start up incubator. Recruitment robot.

Jeanne Shibley

- Reviewed the Student Feed Back from the Fall IAB meeting.

Dr. Jones – ECE Curriculum Updates

- Few Updates
- Scholarship Update for Incoming freshmen
- distribution of awards, reviewed IAB scholarship awards, information on how to donate to the IAB scholarship.

Dr. Hildebrand – ME Updates

- Moved egme110 to second semester freshman year, help with retention in ME program.
- Paul Duesing is retiring in December, search for his replacement. If someone who is interested.

Eric Becks – PDC Updates

- Quick update was given

Jim Devaprasad – Senior Project Updates

- Reviewed the projects for 2012-2013
- Reviewed the presentation schedule for 2013 projects
- Evaluations are important for ABET. Leave forms with Jeff.
- Call for project for 2013-2014, 35 Seniors – half ece, half me/met – By July 15, 2013
- Summer Camps – Update on camps – strong participation is have
- Reviewed a video and picture on the First robotics competitions in Eliplansi, Mi

Closing Remarks - Nathan

Next Meeting: November 1, 2013 at LSSU maybe?

Motion to Adjourned by Steven, Seconded by Brian T., Meeting Adjourned – 12:12pm, Lunch followed in the Laker Room.

RESPECTIVELY SUBMITTED,

STEVEN KARS
LSSU IAB SECRETARY