

# HAC Advisory Committee Meeting

April 24, 2019

Building T / Fogelson Foyer

**Present:** Joe Adeszko, Kiana Battle, Shanika Berdine, Steve Brasel, Dave Burton, Tom Burton, Iva Erkapic, Jeremy Kingery, John Moreno, Mike Oloier, Elizabeth Osborne, Pamela Payne, Tom Phillips, Alexis Terrazas, Joe Thompson, Tom Varlotta.

Topic	Discussion
<b>Commencement</b>	<ul style="list-style-type: none"><li>• Call to order at 3:50 p.m</li></ul>
<b>Review of Meeting Minutes</b>	<ul style="list-style-type: none"><li>• Joe asks everyone to review the minutes from the 2018 meeting. Motion to approve: Steve Brasel. Second the motion: Jeremy Kingery.</li></ul>
<b>Welcome and Introductions</b>	<ul style="list-style-type: none"><li>• Joe welcomes everyone and expresses his appreciation for their presence here. Introductions are made around the table. Kiana welcomes everyone and thanks them for their participation.</li></ul>
<b>HAC Department Overview</b>	<ul style="list-style-type: none"><li>• Joe: right now, we are running (26) classes, 6 days a week. We have classes that start at 7:00 a.m., 1:00 p.m., and 6:00 p.m., so we have classes running at (3) different times during the day. That has a lot to do with dual enrollment classes, but also others seem to like the 1:00 p.m. start. It took us by surprise, but pleasantly. We have (349) students enrolled in the spring semester. A thing that seems to be extremely popular with our student base are the online and hybrid classes. We are trying to incorporate more of the hybrid where we have the lecture part online, and reinforce it in the lab. We are looking into implementing this in more courses. One class that has taken off is our Sustainability class, which fills up quickly. However, by nature of our classes, we still have to have lab here on campus. But we have to</li></ul>

<p><b>HAC Department Overview, con't.</b></p>	<p>reinforce what's taught online in the lab with hands on work.</p> <ul style="list-style-type: none"> <li>● Everything that we have is run by electricity. So for students to understand how everything works, we have a schematic. That seems to be hard for students to grasp. So we are focusing on more complicated schematics that the students are wiring themselves. When it doesn't work, they have to trouble shoot it themselves, and it is a very good hand on learning tool.</li> <li>● Joe mentions funding that was obtained to purchase (7) electrical trainers. They are HAC systems. Instructors can simulate problems that could occur in the field, and students have to troubleshoot to figure out how to fix it. We are really excited about incorporating this into our program. Joe expresses thanks to those who helped acquire the funding for this.</li> <li>● Joe talks about getting more classes in the 'T' Building for lecture classes. This way they can walk right to the labs in T, without having to lose class time walking from various different buildings. It makes it easier for the students.</li> <li>● Joe mentions that they are experimenting with getting rid of paper quizzes and finals. What he'd like to do is to get it online. Instructors have been doing it for awhile, and the students seem to like it. It's an issue of trying to find classroom availability with (15) to (20) computers. However, Joe prefers to proctor the exam in lieu of a home exam. Joe elaborates. Discussion ensues.</li> <li>● Dean Battle asks about the use of IPADS. Steve replies that in his particular background, cell phone usage was much more common than IPADS or lap tops. Joe mentions that laptops almost have to be used due to testing diagnostics, etc. Mike Oloier replies that yes, they require the use of laptops. Everything is run by microtechnology, even your furnaces. Discussion ensues.</li> </ul>
---	---

**HAC Department Overview, con't.**

- Mike asks about what book is being used. Joe says they switched to a different publisher, Goodheart Wilcox, it's a big thick book online. We worked out a deal where the students get the hardcover book, the online access, workbooks, etc., for a (2) year subscription for \$180. They get to keep the book, and have online access for (2) years. If they need a third year, it's \$60 or \$70 more. They don't have to lug the big book around, and it's much easier to scroll through their phones when they're on a job.
- Joe references the EPA608 is a certification that all students seem to need to have prior to becoming employed, or they have (6) months to obtain it after becoming employed. It teaches you how to work with high pressure refrigerants, etc., safely. We put on training classes 3-4 times a year. Students go through about 1.5 hours of review, take the exam online, and as soon as they hit the submit button, they find out if they passed or failed. Many don't pass the first time. We work out a deal with the Testing institute where they can retake the test (3) more times at no charge. The college only charges \$99 initially, which is about half what the industry charges. Tom Varlotta asks why we don't make that part of the curriculum. Joe states that Steve and he had talked about doing that, and he spoke to Jennifer about it. It would be a lot to set it up, altering curriculum, etc. If you make it part of the curriculum, only enrolled students could take it, and right now, we do have non-students coming in to take it. Discussion ensues.
- Joe talks about the Sustainability certificate that we offer. That is very big in our industry. We are constantly looking for better ways to design and have our equipment cost less money to operate. Looking for alternative ways to provide energy, HAC 165 class comes into play here. At the conclusion of that, students have the option of taking a proctored exam to get the Sustainability Certificate.

<p><b>HAC Department Overview, con't.</b></p>	<ul style="list-style-type: none"> <li>● We ran it once, but now has dropped off the face of the earth. We are going to try to run it again because we feel it would be a great asset and would set our students apart. Joe elaborates.</li> <li>● IIT partners with the college. Will comes in does presentations to our students; he talks about the benefits of getting a bachelor's degree. He told Joe they have more students from Moraine coming into their programs than any other college. That speaks well of our students. There are a lot of grants, etc., that the students can apply for. Some reduce the tuition by half. Other methods available also to reduce tuition costs. IIT really likes our students.</li> <li>● One of our local mechanical contractors, <b>Bob Flodin from Evergreen Service</b> company, has (2) students that work for him full time, one for over (20) years. He hires students from our program for many positions. He is a big supporter of our program. He has also donated (3) BACH coolers, which are invaluable.</li> <li>● Joe talks about Bob from Trane who has now retired, and Mike is taking over for him. Mike has been a great support, has done presentations for our classes, and Trane has hired our students for various different positions. He has opened up a lot of opportunities for our students.</li> <li>● Inside our lab, we received a donation of a fullfledged building automation system. Something like you would see in 55 story office buildings in the city. Automated Logic donated it awhile ago, but thanks to Tom Burton, Tom Varlotta and their classes working on them and getting them running, we are utilizing them now in classes. It is taking a long time to get the commercial end of things completed, but the students are gaining hands on experience doing this, and that is invaluable. Joe elaborates.</li> <li>● Joe talks about how badly we need part time instructors during the day, and some evening classes too.</li> <li>● We need electrical, basic refrigeration, we will find a class for a new individual to</li> </ul>
---	--

<p><b>HAC Department Overview, con't.</b></p>	<p>teach. We have been advertising, but no viable candidates. Dual credit has created this situation. Joe explains.</p>
<p><b>Dual Credit</b></p>	<ul style="list-style-type: none"> <li>● Alex Terrazas updates dual credit: applications deadline is Friday. Next council meeting with MACS, District 218 will sponsor a student to take HVAC course would like to see a video created for marketing purposes. She elaborates. Discussion ensues.</li> <li>● Tom asks about the certificate program for Sustainability, who is that through. Joe replies it's through ESCO and Nate. Steve says the first time they ran this, they used the LEED green building, but we were disappointed in it. He elaborates. Discussion ensues.</li> <li>● Tom Phillips asks about continuing on for an Associates degree...what are the numbers. Joe replies about 80%. He also pushes the bachelor's degree at Ferris State and IIT. Steve elaborates. Assistant Dean Willis asks about articulation agreements with Ferris State and IIT. Joe replies yes, 2+2 Agreement with Ferris State and IIT both. IIT will even let a student with a 2.5 or higher GPA with 50 plus credit hours, can continue on here for Gen Eds. Dean Battle asks where Ferris State is...Joe replies Michigan. She asks how many of our students go there. Steve replies about (5) to his knowledge. During the school year their classes are all online, and in the summer, they go on campus and work on things. Joe asks Jeremy if he gets a lot going to Ferris; Jeremy replies more to Tech. He elaborates. Tom Phillips: 399 business agents tell the students they have to take at least (5) classes, but urge them to get a degree from MVCC. He elaborates. He states they appreciate the partnership. Joe thanks him. Assistant Dean Willis asks if they offer any tuition reimbursement from the companies or the union.</li> </ul>

	<ul style="list-style-type: none"> <li>● Tom replies that they reimburse for students from MVCC as long as they are a part of ETF (Educational Training Fund). They will also reimburse for a bachelor's degree at IIT up to \$8,000. Discussion ensues.</li> <li>● Jeremy Kingery talks about a student Tyrone Green who is getting a full ride at Illinois Tech. They are so generous with funds. Students who have done well, and maintain a 3.2 GPA, are rewarded. He will walk out with a cybersecurity job. The price tag is high there, but they have many great scholarship offerings. He elaborates.</li> <li>● Mike speaks about Ingersoll Rand having a great scholarship program as well.</li> <li>● Joe speaks about how many companies are encouraging continuing education in the industry now. He mentions that IIT has all classes available on webinars too. When IIT does their presentations, students are very interested.</li> </ul>
<b>Adjournment</b>	<ul style="list-style-type: none"> <li>● Motion to Adjourn: Jeremy Kingery, seconded by Steve Brasel. Meeting commenced at 4:40 p.m.</li> </ul>