

How this Station will be Used to Advance Our Educational Programs

A. Increased Enrollment

a. Exposure

i. Connecting to new audiences

1. Ages

a. 18-25

- i. Youth can listen to the radio when they're between classes or studying

b. 25-65

- i. Professionals can expose their coworkers to class reminders in a non-disruptive way during the work day.
- ii. Professionals can reinforce and expand their marketability by passive learning while they're at home.

c. 65+

- i. Freaking Really Old Guys can contribute to the knowledge pool by coming on over and using our recording studio to record a full on-air course.

2. Females

a. outreaches

- i. Craft nights with LEDs, sewing, and brush bots bridge women's interest into IT. However we have to actually publish when/where/what we're doing.
- ii. Game nights help ease women into the sometimes intimidating and abrasively honest culture of IT.
- b. Introverted younger women(who may be "closet nerds") can be exposed to the excitement and camaraderie with our technical community before they even show up! We can do this through broadcasting interviews/talks/and even gaming.

3. Vocations

a. Technology

- i. It can be hard for a rural community to gather enough technically savvy intellectuals in a single location. Often times, ideas are isolated and inbred between one or two people.

b. Bio Hacking

- i. We have a hydroponics corridor where we are currently trying to discover which frequencies of light are most effective at growing tomato plants. We hope that this will cut down on the energy required to grow plants. It may be

possible that this research will help our species grow plants in outer space. We're putting the knowledge in the public domain. We could use the radio to help talent-hunt volunteers.

ii. **Maintaining critical mass**

1. Solidifying sense of community within physical classes
 - a. The constant reminder of the radio can improve attendance and study habits of class members.
2. In my experience as a college professor and a four-year termed hackerspace president, building a class means starting with at least four students. The radio will help us get those extra two or three members. It's very difficult to maintain critical mass in a city with a very low population and density.

b. **Free and cheap classes over the airwaves!(experimental idea)**

- i. We want to set up a Learning Management System(Moodle) to track student's grades. We will use the radio to lecture over the following topics:
- ii. Computer Laws and Ethics
- iii. Programming class
- iv. Technology in Science

c. **Joint outreach programs**

None of these outreach programs have been crystallized, but here are some of the organizations we have talked to:

- i. Lewis and Clark Public Library
 1. Kid's tech night(with arduinos)
- ii. University of Montana --Helena
 1. Interviews on IT
 2. Shakespeare Sonnet readings
- iii. Carroll College
 1. On Air Lectures

B. Life Experiences

a. **Bolster Confidence in Verbal Communication Among the Intellectual Social Scene**

- i. We can get some of our members to overcome their fear of public speaking by easing them into it with radio segments.

C. Event Coordination

a. **Help to advertise the technical events in and around our city**

D. Social/Political change

a. **Intellectuals(not Nerds)**

- i. We can use the radio to encourage learning as a positive, productive and popular thing to do.

b. Bullying

- i. Satirical “False Advertising” segments which we name and shame the cruelty brought out by bullying.

c. Girls in IT

- i. Encourage people to see IT as another acceptable field for a woman to go into by interviewing more female IT personnel.