



Oregon Tech 2019-20 Tuition Recommendation

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Outline



- Introductions
- Program overview and enrollment
- Current state of equipment & history
- Industry partnership opportunity
- Finances

Program Overview



- Program established 1952
 - Certificate → Bachelor's degree
 - Primary & post-primary modalities
- Program goals:
 - Produce high quality graduates – x-ray
 - Provide dual certification opportunities

Program Enrollment



- Selection process – Pre-Medical Imaging
- 10 year acceptance rate $\sim 72\%$ /48 students/year
- University & program sustainability
 - With new equipment could increase to 56
 - Without new equipment forced to reduce to 36
 - Three cohorts/year
 - Five year attrition rate – 2.2%

Equipment History



- Martha Ann Dow Center for Allied Health - 2007

- Original equipment – 12 refurbished GE machines
- First two machines down in 2009 – unrepairable
- Discussion of developing a replacement plan – 2013
- Department strategic plan drafted – 2015
 - Requested two machines/year on a six year cycle

Current State of Equipment



- X-ray machines are 12 years old
 - Life expectancy is five to seven years
- Operational rooms – Five
- Tenuous rooms – Four
- Dead rooms - Three

Current Equipment



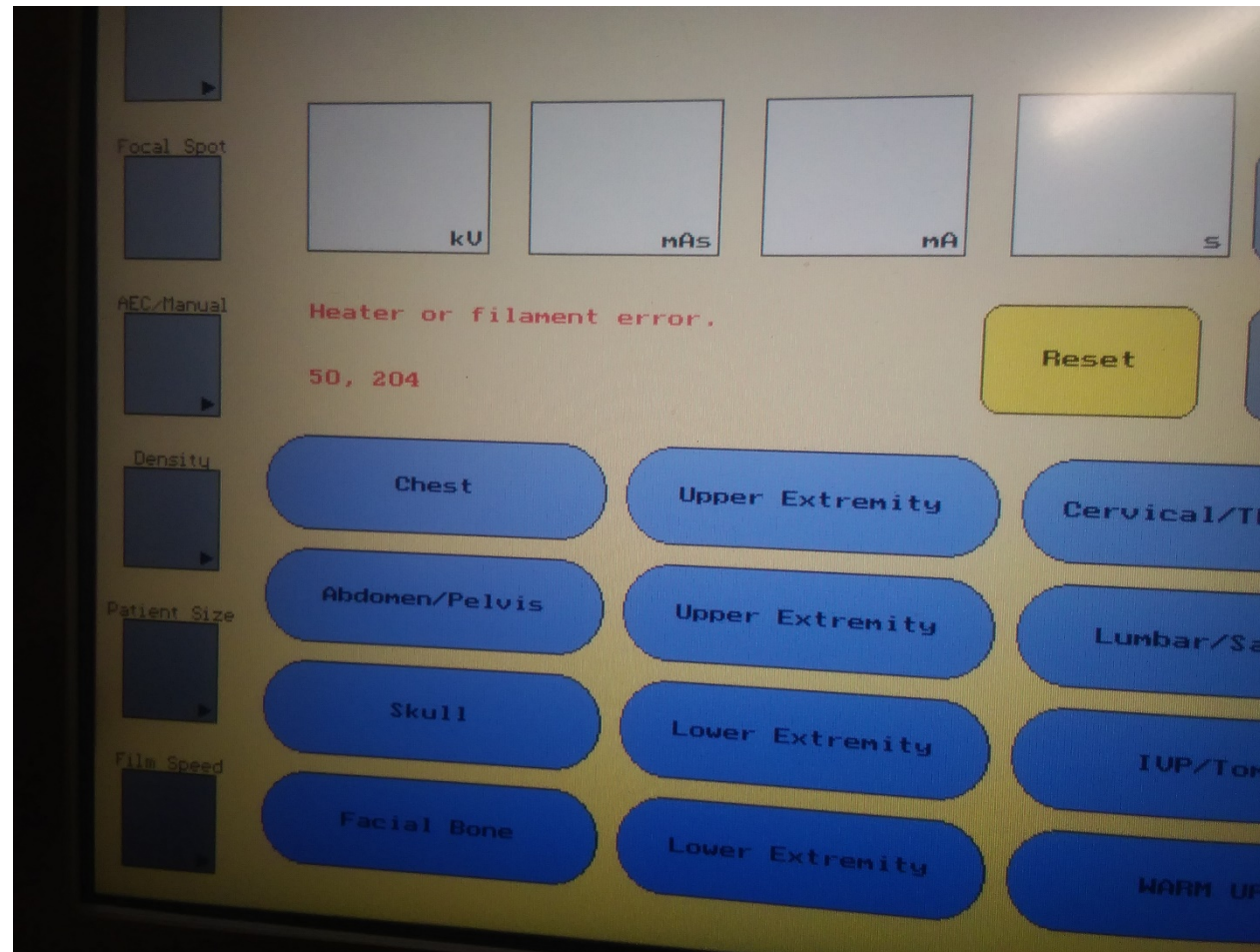
Current Equipment



Current Equipment



Current Equipment



Examples of Proposed Equipment

- Five standard rooms
- Two trauma bays
- One straight-arm simulator
- One U-arm simulator
- One portable x-ray machine



Standard Rooms & Portable



U-Arm



Konica-Minolta Industry Partnership



- Mutually Beneficial Partnership
- Oregon Tech:
 - Integration with key medical equipment supplier and their healthcare provider network
 - Sustain marque program
 - Link major medical manufacturer with ETM departments (Engineering, Business, IT) and potentially Data Sciences

Konica-Minolta Industry Partnership



- Radiologic Science
 - Provide semi-annual presentations with industry experts.
 - Provide materials to enhance program curriculum.
 - Quarterly meetings to explore partnership opportunities.
 - Potential for continuing education operations over summer term

Konica-Minolta Industry Partnership



- Radiologic Science
 - Provide biomed training for medical technologist
 - Discussing Oregon Tech being a beta test center for software development.

Konica-Minolta Industry Partnership



- Internship Opportunities for:
 - Electrical Engineering
 - Mechanical and Manufacturing Engineering Technology
 - Computer Systems Engineering
 - Information Technology
 - Operations Management
- Possible collaboration in the field of precision medicine and Data Sciences
- Expand ETM focus to medical technologies

Finances



- Seeking approval for President or designee to execute a purchase in excess of \$1 million dollars and enter into financing arrangements related to this proposal.
- Total equipment and service price currently under negotiations
- Remodel expense and lease included within FY 20 Budget Recommendation
- Financing:
 - Capital Lease with *de minimis* and pre-negotiated final purchase
 - Five year term
 - Oregon Tech Foundation or vendor financing partner
- Sole source necessary to execute the partnership agreement and manage construction during summer 2019



Questions and Discussion

Current Lab Layout



regon TECH



Current Lab Layout



Current Lab Layout



Current Lab Layout



regon TECH

