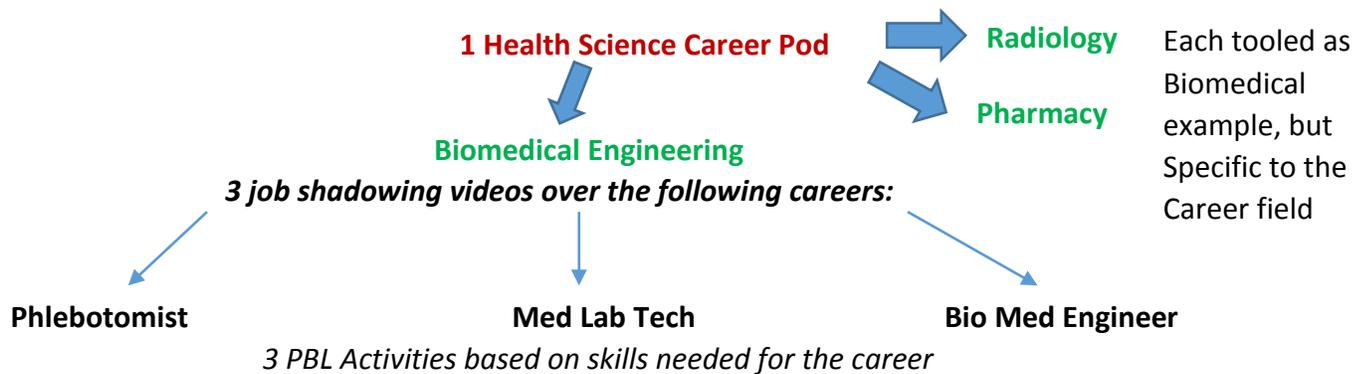


Modular Career Pods Example



With the exception of labs(1), most modular career pods will be built to resemble the top of a collaborative work station(2); however the base will be constructed for storage(3) of the industry specific tooling for students to carry out projects designed around the skills most needed for that career.

There will be 15 stations, each tooled for 3 different career paths. For each career path there will be 3 tiered projects. Tiers could be education level: certificate, associates and bachelors and then skills needed.



1. Calculate quantity of blood needed for a sample.
2. Apply a tourniquet to a model of an upper arm and practice fine motor skills by inserting a needle into simulated vein.
3. Sanitize, label, store and transport supplies and equipment to understand how misidentification or contamination of a blood sample can have serious consequences.

1. Match computer orders with specimen samples; sort specimens; check labeling; log specimens.
2. Run standards and controls, verifying equipment functions; calibrate equipment utilizing standard checklist, record quality control measures.
3. Given sample test results, identify and communicate with team any abnormal patient conditions

1. Evaluate the safety, efficiency, and effectiveness of biomedical equipment given specifications.
2. Use math or statistics to build an organ model given supplies in pod.
3. Design a prosthetic limb and print using the 3d printer.