

LEAD Center Update

June 24, 2021



Draft Implementation Timeline

2021-2022

- Summer
 - RP E&D curriculum work
 - Continue to meet with COE Advisory Groups (HVAC, Electrical, Plumbing and Automation & Robotics)
- Fall/Winter
 - Opening of RP E&D
 - Program market/recruitment of students
 - Hire a program coordinator
 - Hire teachers for two programs: Electrical and Cadet Teaching
 - Program budget development
 - Equipment/supply needs
 - Support staff (nurse, custodial, etc.)
- Spring
 - Begin curriculum development with teachers

Draft Implementation Timeline

2022-2023

- Summer
 - Electrical and Cadet Teaching curriculum work
 - Continue to meet with COE Advisory Groups (HVAC, Electrical, Plumbing and Automation & Robotics)
- Fall/Winter
 - Opening of RP E&D
 - Move RP E&D and machining program
 - Begin Cadet Teaching and year one of Electrical
 - Hire teachers for two programs: HVAC and Automation & Robotics
 - Program budget development
- Spring
 - Begin curriculum development with HVAC and Automation & Robotics teachers
 - Revise Cadet Teaching and Electrical curriculum as needed

Draft Implementation Timeline

2023-2024

- Summer
 - Create HVAC, Automation & Robotics and year 2 of Electrical curriculum
 - Continue to meet with COE Advisory Groups (HVAC, Electrical, Plumbing and Automation & Robotics); add Cosmetology
- Fall/Winter
 - Implement year 2 of Electrical program
 - Hire teachers for Plumbing and possibly Cosmetology
 - Program budget development
- Spring
 - Begin curriculum development with Plumbing and possibly Cosmetology teachers
 - Revise other curriculums and create year 2 curriculum for HVAC and Automation & Robotics

Draft Implementation Timeline

2024-2025

- Summer
 - Create Plumbing and Cosmetology curriculum and year 2 curriculum for HVAC and Automation & Robotics
 - Continue to meet with COE Advisory Groups (HVAC, Electrical, Plumbing and Automation & Robotics, Cosmetology)
- Fall/Winter
 - Implement year 2 of HVAC and Automation & Robotics programs
 - Program budget development
- Spring
 - Revise other curriculums and create year 2 curriculum for Plumbing and Cosmetology programs

PopCulture Partnership Opportunity



Keys to Long-Term Success

- Mutually beneficial
- Community involvement
- Student interest
- Variety
- Commitment

Mutually Beneficial



Ray-Pec

- Hands-on experience working in a real business environment
- Resume building
- Strong mentors, teachers, and subject matter experts
- Consistent projects
- Interesting and engaging curriculum

Popculture

- Exposure
- Giving back to your community
- Low-risk expansion
- Business development
- Experimental space
- Innovation opportunities
- Potential employee recruitment

Students

Customers

PopCulture

Ray-Pec Staff

RP E&D
Students

Consistent
internal partners

Product

Facilitating

10-15
Students

New
Customers

Subject Matter
Experts

Filling Gaps

Focused
Subgroups

Ray-Pec
Community

Mentoring

Communication
and Feedback

Logistics



Annual Reset

- Consistent internal clients
- No external clients given to them
 - Business Development
- Transfer of new clients at the end of every year
- New business plan
 - Flavors, marketing strategy, design features, target customers, processes, etc.

Legal Discussion

- NDA
- Copyright & trademark
- Profit sharing
- Growth

Curriculum



- Curriculum will be steeped in the elements of the project
 - Developed by RP E&D teachers and instructional coaches
- Standards not found in the project will be taught separately
- Possible credits in English, business, (food) science and/or research and design
- Curriculum development would occur in the 2021-2022 school year with implementation in the fall of 2022
- Students will utilize the design thinking process in creating solutions

Next Steps



- Work with PopCulture to learn current operations
- Develop a business plan
 - Products, pricing, marketing, distribution, design elements, target demographic
- Students start the school year with only internal clients
- Market to and develop new clients
 - Set up meetings to execute with PopCulture present
 - Work with PopCulture to sell *potentially* new products
- Produce and distribute product to all clients
- Host community events
- Market new activity
- Evaluate current practices potential improvements
- Bookkeeping, reinvestment strategy, financial analysis

Other Opportunities

- PhabLab
- Special Education Co-op
- Drone program
- Dual credit through a technical school
- ROTC

“Innovation is change that unlocks new value.”

--Jamie Notter

Questions?