

MassBay presentation Dec. 2021- David

<p>Discuss with MassBay Community College</p> <p>Our Purpose for Projectacademy.org is:</p> <p>Provide Life Skills learning to help young adults who graduated High School or did not, with no career path, enter the workforce and be good citizens.</p> <p>Developing people for the new economy Thinking Technicians(TT)</p> <p>Project Academy</p>	<p>We have 3 sets of Constituents</p> <ul style="list-style-type: none"> • Senior • Middle & High School • Young Adults <p>Show web site</p>
<p><u>The Future of Work Requires Non-Technical Expertise</u></p> <p>As advanced technologies automate our world in more ubiquitous ways, we naturally assume that technical skills will be in the highest demand in the future job market. But as revealed in a recent report from the World Economic Forum (WEF), among many other studies, the rise of ever-smarter machines demands a surge in the social and emotional abilities machines cannot master. Soft skills such as adaptability, creative thinking, persuasion, relationship mastery, the ability to deal with complexity, and time management are increasingly valuable to companies as they become more dynamic, interconnected, and flexible by necessity. However, HR professionals report difficulty recruiting candidates who have these very skills!</p> <p>MIT MANAGEMENT EXECUTIVE EDUCATION</p> <p>Project Academy</p>	<p>Need</p>
<p>Our Agenda for today</p> <ul style="list-style-type: none"> <input type="checkbox"/>What is Project academy about <input type="checkbox"/>Giving back to the community <input type="checkbox"/>Provide Life/Soft Skill learning in a project -based format <input type="checkbox"/>Get your feedback <input type="checkbox"/>See how we can share & work together <p>Project Academy</p>	<p>Read and ask if any changes</p>
<p>My Background</p> <ul style="list-style-type: none"> <input type="checkbox"/>Retired Electronics Engineer in High Tech <input type="checkbox"/>Managed & worked with hundreds of Technicians <input type="checkbox"/>Created Self-Directed work teams in Manufacturing <input type="checkbox"/>Managed Initial MA Middlesex STEM program at FSU <input type="checkbox"/>Developed and created program for preK -6 teachers around connecting Literature with STEM- Tufts/WPI <p>Project Academy</p>	<p>Strong connect with tech and factory workers</p> <p>Both Tufts, WPI got grants to develop concepts in slightly different paths</p>

	<ul style="list-style-type: none"> • English-tufts • Worcester Head-start
<p style="text-align: center;">What we do</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Our objective is to take a project-based learning plan made up of these elements as a learning platform to support young adults.</p> <p>Add Life & Soft Skills in each of the elements as part of the learning package</p> </div> <div style="width: 50%;"> <ul style="list-style-type: none"> • Learning about self • Organizational Structure (Business) • Building a team • Picking a problem & solved it • Reporting back to the community • Understand the benefits of being a lifelong learner. <p>to create a <i>Thinking Technician</i> that fits into the Corporate and Community world</p> </div> </div> <p style="text-align: right; font-size: small;">Project Academy</p>	
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Teamwork <ul style="list-style-type: none"> • Culture • Purpose • Communication • Values </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Business tools <ul style="list-style-type: none"> • Customer focus/Ownership • Mike Hammer/D Deming • Balanced scorecard • Quality process </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> About self & Mindset/Thinking <ul style="list-style-type: none"> • Branding • Time management • Goals • Attitude • Interpersonal • SEL </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Process & Creating Plans <ul style="list-style-type: none"> • Process design • Planning documents • Deliverables </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Life / Soft Skills <ul style="list-style-type: none"> • Foundational skills • Learned skills • Values </div> <div style="border: 1px solid black; padding: 5px;"> Analytic & Problem solving <ul style="list-style-type: none"> • Root cause • Research • Discussion • Requirements • Brain writing • Shaping • Decision making </div> </div> <div style="flex: 1;"> <p style="text-align: center;">Example of Skills</p> <p style="text-align: right; font-size: small;">Project Academy</p> </div> </div>	<p>How can we make these learning opportunities fun?</p> <p>Need partner to help</p>
<p style="text-align: center;">Our Process</p> <div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Infuse</p> <div style="border: 1px solid black; padding: 5px;"> <input type="checkbox"/> Life Skills / Soft-Skills <input type="checkbox"/> Foundational Business Skills <input type="checkbox"/> Mind-set Thinking <input type="checkbox"/> Project Based Learning </div> </div> <div style="flex: 1; text-align: center;"> <p style="text-align: right; font-size: small;">Project Academy</p> </div> </div>	<p>Major flow</p>
<p style="text-align: center;">Modules of our process</p> <div style="display: flex; align-items: center;"> <div style="flex: 1;"> <ul style="list-style-type: none"> • About self • Understanding the Company • Developing plans • Teamwork • Analyzing direction. • Questioning • Creativity & Innovation • Tools • Problem-solving • Reflection/learning from mistakes • Reporting/ Metacognition • Connection Themes </div> <div style="flex: 1; text-align: center;"> <p style="text-align: right; font-size: small;">Project Academy</p> </div> </div>	<p>Discuss Modules</p> <p>le Team work added for software course</p>

Life Skills /Soft Skills

We all need a set of life skills (or,adult capabilities) to manage work, family, and relationships successfully.	People Skills Interpersonal skills, Nonverbal skills Showing up
Respectful dealing with others (Professionalism)	Social & Emotional Learning character development, empathy, responsibility, self-esteem, flexibility, self-discipline)
Brain Plasticity we continuously are able to learn new things	Attitude towards work Growth Mindset
Trust, Respect, Empathy, Listening, Independence, Collaboration, Kindness.	Customer Service Ownership mindset
Gratitude, Flexibility, Honesty	Communication Skills

Project Academy

Can develop list with clients

Tailored to a career profession

List of tools –Business (Foundational)

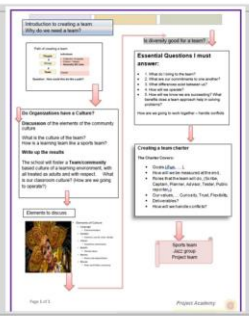
Info-Mapping --- Makes the document easier to read
Mind-Mapping---A mind map is a diagram
Process Sheets--- lists the exact sequence of operations needed to complete the job
Project Management---
Flow Map--- represents a workflow or process
Quality Processing--- tools to improve and continuous improvement
Balance Score card --- measurement in 4 buckets
6-Sigma --- Motorola's measurement of errors
Material-Flow JIT --- The just-in-time (JIT) inventory system /Toyota system
Closed-loop processing --- Regulates a process
Financial Literacy ... The rich man in Babylon by George S. Clason
A Gantt chart ... Controlling your schedule / plans

Project Academy

Mix & Eliminate

Teamwork

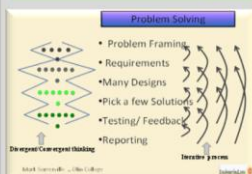
Create Charter.. Purpose
Culture.. Norms, Values, Roles
Dealing with conflict
Similarities to business/ society
Teamwork/ Leadership
Communications



Uniqueness:

- Creating a Charter/culture
- Dealing with adversity
- Making your teammate look good

Problem Solving



Module Detail

Brain writing ... many designs-Divergent
Converging
Shaping your design (Mundane, Stretch, Magical)
Decision making/ Requirements



Project Academy

Follow Olin College Model

- Adding magical
- Using Requirements
- Understanding the detail



<div data-bbox="203 220 846 573"><p>Get your feedback</p><p>◦Comments?</p><div data-bbox="269 384 738 470"><p>Need? Process? Content?</p></div></div>	<p>Listen</p>
<div data-bbox="203 630 812 963"><p>See how we can share & work together</p><div data-bbox="248 800 776 932"><p><input type="checkbox"/> Arrange a more detail review of www.projectacademy.org <input type="checkbox"/> Collaborate with MassBay Community College is see if any of the Project Academy modules would support its teaching goals? <input type="checkbox"/> Work together to make our project Based learning better for at risk young adults.</p></div></div>	<p>Discussion</p>
<div data-bbox="186 1020 889 1402"><p>Thank you for your interest:</p><div data-bbox="203 1066 889 1402"><div data-bbox="228 1066 456 1297"></div><div data-bbox="435 1192 630 1388"><p>Questions?</p><p>Next Steps?</p></div><div data-bbox="625 1123 878 1297"><p>Feedback</p><p>Bill Wolfson Project Academy, Inc. 5 Gannon Terrace Framingham, MA 01702 508-380-3747 billw@projectacademy.org www.projectacademy.org Copyright ©2014-2021</p></div><div data-bbox="753 1371 889 1402"><p>Project Academy </p></div></div></div>	<p>Next Steps</p>