

## **DIRECTING YOUNG PEOPLE TO CREATIVE ENTREPRENEURSHIP EDUCATION DURING PRACTICAL TRAINING IN TECHNOLOGY**

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### **Abstract**

In today's rapidly developing world, the integration of technology and entrepreneurship is becoming increasingly important for economic growth and innovation. As the global landscape continues to shift toward a knowledge-based economy, equipping young people with the skills and mindsets necessary to thrive in entrepreneurship is critical. This article explores the importance of guiding youth in creative entrepreneurship education through hands-on technology training. By combining technical skills with an entrepreneurial mindset, we can empower the next generation of innovators, problem solvers and job creators.

### **Introduction**

As technological advances reshape industries and redefine work dynamics, fostering a culture of entrepreneurship and innovation has become imperative. Young people have great potential and creativity, which makes them ideal candidates for developing an entrepreneurial mindset. Integrating creative entrepreneurship education with hands-on technology training provides a unique opportunity to empower young minds, enabling them to apply their technical skills to drive economic growth and community development.

The importance of creative entrepreneurship education:

Creative entrepreneurship education encourages young people to think critically, identify problems and develop innovative solutions. By combining hands-on technology training with an entrepreneurial mindset, students learn to apply their technical knowledge to solve real-world problems, developing a proactive and solution-oriented approach. Entrepreneurship education prepares young people for a rapidly changing professional landscape. It cultivates flexibility, resilience and the ability to accept uncertainty. By providing students with hands-on training in technology and entrepreneurship, they are equipped to meet the challenges of the digital age and seize the opportunities that emerge.

Development of creative thinking and innovation:

Creative entrepreneurship education fosters a culture of creative thinking and innovation. It encourages young individuals to explore unconventional paths, challenge existing norms, and generate new ideas. By engaging students in hands-on technology activities, they gain first-hand experience in using emerging technologies to create innovative products, services and business models. Creative thinking and innovation are critical skills in today's fast-

paced world. Integrating creative entrepreneurship education with hands-on technology training creates a conducive environment for young individuals to develop these skills. Some key factors that help foster creative thinking and innovation are:

1. **Fostering a Growth Mindset:** Creative entrepreneurship education encourages students to adopt a growth mindset, which emphasizes that skills and intelligence can be developed through dedication and hard work. By instilling the belief that creativity and innovation can be developed and improved, students can take risks, explore new ideas, and embrace failure as an opportunity to learn.
2. **Encourage Divergent Thinking:** Divergent thinking is the ability to generate multiple ideas and solutions to a problem. Creative entrepreneurship education promotes divergent thinking by encouraging students to explore different perspectives and possibilities. Through brainstorming sessions, design thinking exercises, and open-ended problem-solving activities, students learn to think outside the box and generate innovative ideas.
3. **Ensure a multidisciplinary approach:** creative thinking and innovation often come from the intersection of different disciplines. Practical training in technology provides an opportunity to integrate several fields such as engineering, design, business and social sciences. By exposing students to different fields of knowledge, they can draw inspiration from different sources and use interdisciplinary approaches to solve complex problems.
4. **Foster Collaboration and Teamwork:** Innovation thrives in a collaborative environment where individuals from diverse backgrounds and skill sets come together. Creative entrepreneurship education emphasizes teamwork, collaboration, and effective communication. By working in teams on technology projects, students learn to leverage their collective strengths, share ideas, and co-create innovative solutions.
5. **Emphasize Design Thinking:** Design thinking is a human-centered approach that involves empathizing with users, identifying problems, generating ideas, prototyping, and iterating solutions. Creative entrepreneurship education often incorporates design thinking principles to guide students through the innovation process. This approach encourages students to understand the needs and wants of users, which leads to the creation of user-oriented and innovative products or services.
6. **Provide access to emerging technologies:** Hands-on technology classes introduce students to emerging technologies such as artificial intelligence, virtual reality, blockchain, and 3D printing. By gaining hands-on experience with these technologies, students can explore their potential applications, experiment with new possibilities, and develop innovative solutions to real-world problems.
7. **Encourage risk-taking and learning from failure:** Creative entrepreneurship education provides a safe space for students to take risks, experiment and learn from failure. Students are encouraged to embrace failure as a valuable learning experience that allows them to refine their ideas, iterate on their solutions, and develop a resilient attitude toward innovation.
8. **Cultivate an entrepreneurial mindset:** Entrepreneurial mindset combines creative thinking with a proactive and action-oriented approach. Creative entrepreneurship

education helps students develop entrepreneurial mindsets by developing skills such as opportunity recognition, resourcefulness, flexibility, and persistence. These qualities are essential for turning creative ideas into concrete innovations and entrepreneurial ventures.

**Integrating creative entrepreneurship education into hands-on technology training:**

Educational institutions should include specially designed modules to integrate creative entrepreneurship education within applied technology training programs. These modules can cover topics such as design thinking, ideation, business planning, market analysis and intellectual property rights. By incorporating entrepreneurship concepts into the technical curriculum, students gain a holistic understanding of the innovation process. Engaging young people in experiential learning opportunities such as internships, industry partnerships, and startup incubators has a practical impact on the entrepreneurial ecosystem. By immersing themselves in real-world scenarios, students complement their technical expertise and develop critical entrepreneurial skills, including networking, teamwork, and project management. Establishing mentoring programs that connect aspiring young entrepreneurs with experienced professionals can help transfer knowledge, provide guidance, and instill a sense of responsibility. Mentors can provide insights into the entrepreneurial journey, share industry wisdom, and help students overcome challenges along the way, building entrepreneurial skills.

Including case studies and success stories of young entrepreneurs who have successfully combined technology and creative entrepreneurship can inspire and motivate students. Sharing these experiences demonstrates the feasibility and impact of combining technical skills with an entrepreneurial mindset, encouraging young people to explore similar avenues.

In order to evaluate the effectiveness of integrating creative entrepreneurship education in practical training, it is essential to assess its impact and long-term benefits. Monitoring the progress of students, measuring their entrepreneurial skills, and analyzing the results of entrepreneurial activities can provide valuable information. Longitudinal studies help understand the lasting effects of such education on individuals, communities, and economies.

### **Summary:**

Exposing young people to creative entrepreneurship education through hands-on technology training is a transformative approach to expanding and equipping them with the skills and mindsets they need to thrive in the entrepreneurial world. By combining technical expertise with an entrepreneurial perspective, we can unlock the potential of young minds while supporting innovation, economic growth and social progress. Educational institutions, policymakers and industry stakeholders need to collaborate and invest in integrating creative entrepreneurship education to realize its long-term benefits for individuals and society as a whole. Combining creative entrepreneurship education with hands-on technology training plays an important role in fostering creative thinking and innovation in young people. By providing an environment that encourages divergent

thinking, interdisciplinary collaboration, and the use of emerging technologies, students are empowered to develop and implement innovative ideas. These skills are not only valuable for their personal development, but also contribute to economic growth, social development and solving complex global problems.

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