

EMERGING TECH ENTREPRENEURSHIP - CERTIFICATE OF ACHIEVEMENT LEVEL 1

Students who complete the Emerging Tech Entrepreneurship certificates will be exposed to and become proficient in the coursework to become entrepreneurs in a technical field. This program combines the business skills necessary to make sound business decisions with the technical know-how to survive in the 21st century. Students will learn how to build and manage successful modern technical businesses.

Upon successful completion of this program, students will be able to:

- Create and produce documentable solutions to business problems and challenges.
- Identify key issues, research relevant data, and show evidence of analytical thinking about possible solutions for business opportunities and problems.
- Demonstrate knowledge of the influence of the Internet on business and terms relating to the World Wide Web.
- Demonstrate understanding of the impact and application of computers in business, government, and social organizations.
- Work and interact effectively in teams consisting of individuals with differing interests, gender, global backgrounds and professions.
- Create user interfaces and algorithms to solve business problems and user needs.

Certificate Requirements

| Course | Title | Credits |
|----------------------|--|-----------|
| Computer Programming | | |
| CIS 106 | Introduction to Coding and Python Programming | 3 |
| or CIS 024C | Python Programming | |
| Data Science | | |
| CIS 107 | Technest 2: Data Science | 3 |
| Internet of Things | | |
| CIS 108 | Technest 3: Internet of Things | 3 |
| Entrepreneurship | | |
| BUS 068 | Entrepreneurship and Small Business Management | 3 |
| Total Units | | 12 |