

Assessment of Engineering Entrepreneurial Mindset of UNH Engineering Students

Definition: An entrepreneur is a person who starts a business and is willing to take on a greater than normal financial risk in order to do so.

Please check your level of agreement with the following questions:

		I don't understand	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1	I am able to act effectively and creatively in difficult situations						
2	I am able to identify potential stakeholders for a new product or service						
3	Business value creation is the company owner's concern						
4	Business risk assessment is the business manager's responsibility						
5	I like to learn about entrepreneurship						
6	Every time I fail a task, I reflect on why I failed so that I can learn how to do better in the future						
7	I understand why a monopolistic market is usually not favorable to consumers						
8	I consider how multiple changes affect each other						
9	I am confident in leading a team to work on a project						
10	I have had exposure to entrepreneurship concepts before entering college						
11	I have the ability to anticipate technical developments by interpreting surrounding social trends						
12	When I see a piece of machinery, I always like to find out how it works						
13	I am able to communicate an engineering solution in economic terms						
14	I am able to substantiate claims with data and facts						
15	I have a clear plan for my professional development						
16	I am able to use the means at my disposal to handle situations effectively						
17	I am able to address stakeholder interests in a business plan						
18	Whenever I work on a project, I think about what value it will deliver						

		I don't understand	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
19	I thought about potential risks related to my past jobs and tried to actively manage them						
20	The ability to cope with failure can be improved through training						
21	I understand why a free market economy is generally favorable to consumers						
22	I am able to see the big picture as well as the details when I am working on a problem						
23	I always try to maintain a good interpersonal relationship in a team						
24	There is/are entrepreneur(s) among my relatives						
25	I like to speculate how new technology can be used for the future						
26	I always actively seek as much information as I can in a new situation						
27	I am able to assess the economic viability of a new product or service						
28	I am able to use data and facts to identify an opportunity						
29	I want to become a good engineer as well as a successful entrepreneur						
30	I am able to apply logical thinking to gathering and analyzing information						
31	Stakeholders have a strong influence on company business activities						
32	When I read about a new innovation, I try to understand the value that it will create						
33	Most employees of a company do not need to worry about managing risk						
34	Creative thinking skills can be acquired through training						
35	I know how to take advantage of market conditions when developing a product or service						
36	Understanding how events affecting each other occur is crucial in solving complex problems						
37	I always try to complete assigned tasks when working in a team						
38	I have the ability to anticipate technical developments by looking at existing technology						

		I don't understand	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
39	I consider myself to be a person who takes action when I'm curious about something						
40	I am able to make decisions based on economic value						
41	I am able to make data driven decisions						
42	I plan to start up my own business in the future						
43	I am able to apply logical thinking to designing and solving problems						
44	All stakeholders carry equal weight in company decisions and activities						
45	I welcome new ideas on how to accomplish tasks differently						
46	Considering a problem in relation to the whole results in a better solution						
47	I am able to leverage the personality traits of individuals to make a team perform well						
48	I have the ability to anticipate technical developments by interpreting surrounding economic trends						
49	I find myself being curious about a lot of things and people I encounter in life						
50	I think allowing supply and demand to determine price is good for customers						

Demographic Data About Yourself:

Name: _____

UNH Email: _____@unh.newhaven.edu

Major (check the correct one):

Computer Science/Information Technology ___

Electrical Engineering/Computer Engineering ___

System Engineering ___

Mechanical Engineering ___

Civil Engineering ___

Chemical Engineering/Chemistry ___

General Engineering ___

Undecided ___

Second major or minor (if there is one): _____

Gender: _____

Age: _____

Residence:

Domestic ___

International (indicate your country) _____

Have either of your parents earned a college degree?

Yes ___

No ___

Do you have formal work experience?

Yes (how many years?) ___

No ___