

College of Engineering and Mineral Resources

Department of Mining Engineering

Undergraduate Program

Outcomes Assessment

Assessment Questionnaire – Mining Senior Year

As part of our educational objectives, we strive to continuously improve the quality and quantity of education we provide to our graduates. Therefore, the Department of Mining Engineering gathers information regarding the education received by WVU Mining Engineering graduates. Thus, we require that all senior students in Mining Engineering respond to this questionnaire. After completing the questionnaire, there will be a follow up interview with the Department Chair during which you may wish to discuss your responses in more detail. All responses to this questionnaire are anonymous and will be held in the strictest of confidence. We thank you for your time and effort in this matter.

Listed below are different aspects, or components, of your educational experience at WVU. Please rate the quality of each individual aspect of your educational experience on a **scale of 1 to 5, where 5 is the highest possible score**. Please fill in the rating in the space provided. If for some reason the topic does not pertain to you, please leave it blank.

EDUCATIONAL COMPONENTS		RATING				
		1	2	3	4	5
A	Problem solving skills					
B	Ability to apply math, science, engineering to solve problems					
C	Analysis of mining systems					
D	Oral communication skills					
E	Written communication skills					
F	Laboratory experience (conducting and analyzing experiments)					
G	Ability to learn independently					
H	Understanding importance of interdisciplinary problems					
I	Computer usage					
J	Design of mining systems					
K	Group dynamics					
L	Understanding of engineering economics					
M	Ethics					
N	Health and safety consideration					
O	Broad based education					
P	Impact of mining engineering on the environment and society					

EDUCATIONAL COMPONENTS		RATING				
		1	2	3	4	5
Q	Knowledge of contemporary issues affecting engineering					
R	Use of modern engineering tools					
S	WVU career services					
T	Mining Engineering advising					
U	Information regarding graduate school					

If you have had a summer job/co-op in mining engineering, please specify the dates, company, and job position, and then rate the amount of experience and knowledge gained in that particular position on a scale of 1 to 5:

	Period 1	Period 2	Period 3	Period 4																	
Dates?																					
Company?																					
Position Held?																					
	RATING																				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	
Experience Gained																					
Knowledge Gained																					

Comments on the value of your summer job or co-op:

What do you believe to be the most important thing that you learned your senior year from the Mining Engineering Department?

What do you believe to be the most important thing that you learned while being a Mining Engineering student at WVU?

What were the best one or two courses you had at WVU? Why?

What were the worst one or two courses you had at WVU? Why?

Have you, or will you, take the Fundamentals of Engineering (FE) exam?

Why or why not? Did you pass?

If you have any additional comments, please make them here: