Abet_PI_7_1: Demonstrate self-managing ability to articulate student's own learning goals

Goal: demonstrate self-managing ability

Steps for student to self-manage and articulate own learning goals:

1. Identify learning goals by assessing your strengths/weaknesses or concern areas by examining your learning progress status against department's Student Outcomes. Briefly summarize your thoughts for improvement.

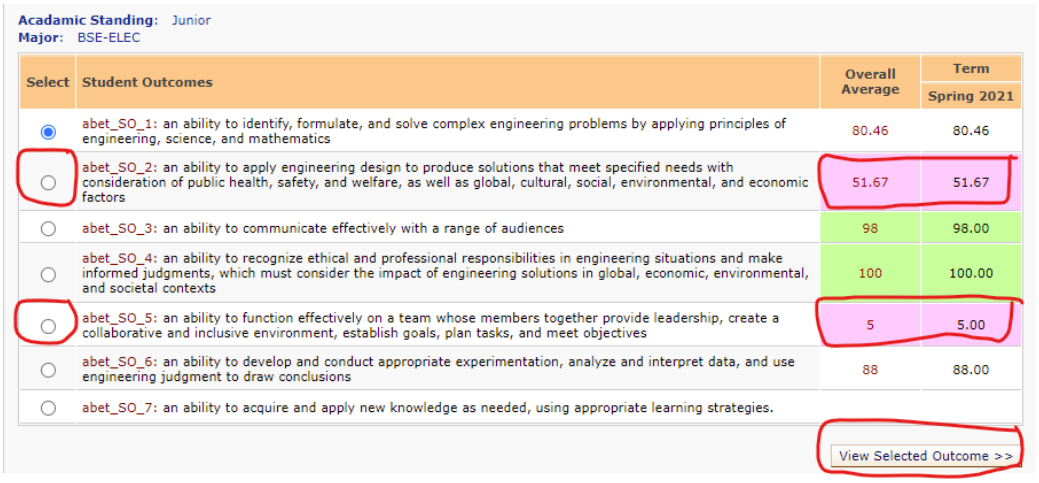
   Instructions:

   - *Please navigate to EvalTools: Student Advising -> Student SO/PI Evaluation*
   - *Examine your learning progress against each Student Outcome (SO)*
   - *After assessing your own SO/PI results, please summarize briefly your strength/weaknesses or concern areas for improvement for each SO*

   How to interpret your result

   To interpret your performance against the intended student outcomes, first, understand the color-coded results—Red: unsatisfactory; Yellow: concern; white: Adequate; Green: exceeding expectation. You only need to focus on student outcomes that are either yellow flag or red.

   As an illustration, say, your performance is illustrated by the following figure. You notice that SO_2 and SO_5 are red. You will need to identify the root cause of the issue. Please drill down SO_2 by selecting the SO_2 and click on "View Selected Outcome >"

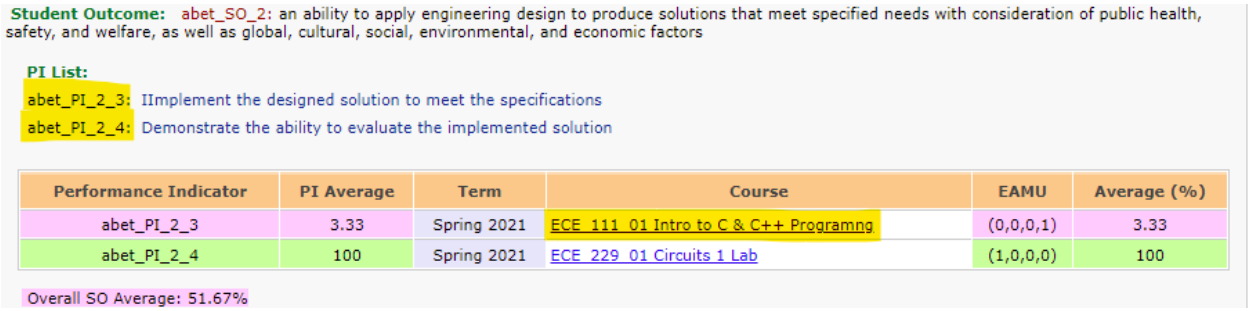


Acadamic Standing: Junior
Major: BSE-ELEC

Select	Student Outcomes	Overall Average	Term Spring 2021
◉	abet_SO_1: an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	80.46	80.46
○	abet_SO_2: an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors	51.67	51.67
○	abet_SO_3: an ability to communicate effectively with a range of audiences	98	98.00
○	abet_SO_4: an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts	100	100.00
○	abet_SO_5: an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives	5	5.00
○	abet_SO_6: an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions	88	88.00
○	abet_SO_7: an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.		

View Selected Outcome >>

After drilling down SO_2, you will see the PIs (performance indeces) that are measured. In this example, PI_2_3 and PI_2_4. By examing the PVT (table), you will notice that it was the key assignment you submitted for ECE_111 is unsatisfactory, marked as red.



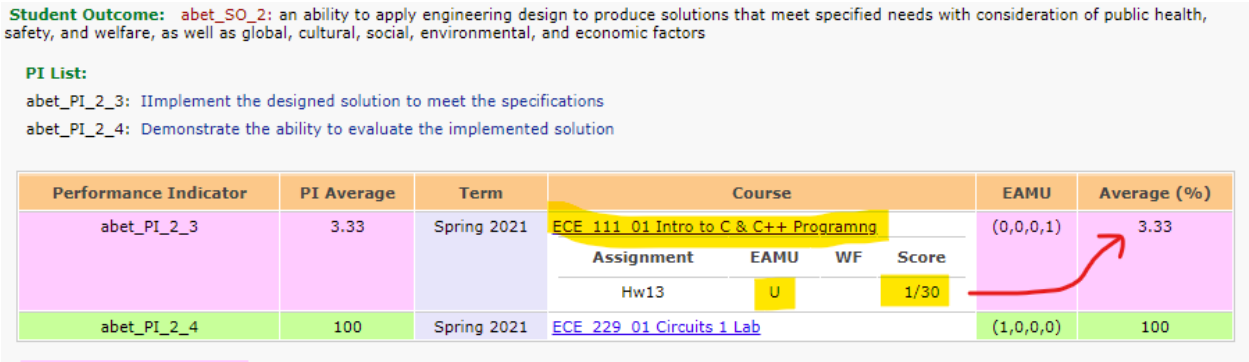
Student Outcome: abet_SO_2: an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors

PI List:
abet_PI_2_3: IImplement the designed solution to meet the specifications
abet_PI_2_4: Demonstrate the ability to evaluate the implemented solution

Performance Indicator	PI Average	Term	Course	EAMU	Average (%)
abet_PI_2_3	3.33	Spring 2021	ECE_111_01 Intro to C & C++ Programng	(0,0,0,1)	3.33
abet_PI_2_4	100	Spring 2021	ECE_229_01 Circuits 1 Lab	(1,0,0,0)	100

Overall SO Average: 51.67%

By clicking on "ECE_111_Intro to C &C++" to drill further down for details, you will find that the red flag resulted from a low score for this key assignment.



Student Outcome: abet_SO_2: an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors

PI List:
abet_PI_2_3: IImplement the designed solution to meet the specifications
abet_PI_2_4: Demonstrate the ability to evaluate the implemented solution

Performance Indicator	PI Average	Term	Course	EAMU	Average (%)
abet_PI_2_3	3.33	Spring 2021	ECE_111_01 Intro to C & C++ Programng Assignment / EAMU / WF / Score Hw13 / U / / 1/30	(0,0,0,1)	3.33
abet_PI_2_4	100	Spring 2021	ECE_229_01 Circuits 1 Lab	(1,0,0,0)	100

You may go back to your past term's course to investigate why received a low score for this key assignment. Being able to identify root cause is what you need to capture in your summary of findings for this work. Say, for example, the low score was due to incomplete submission of work.

How to summarize your findings

In your summary, you will cover the following points:

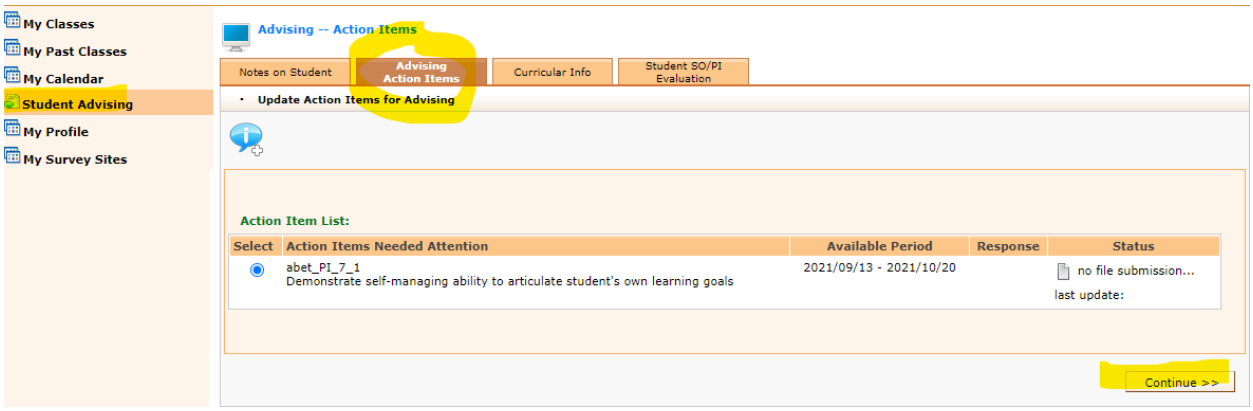
a. *Give an overall summary of your performance for SOs*
b. *Identify the SOs that need improvement*
c. *Summarize the root causes of low score for each SO.*

One possible summary for this example could be:

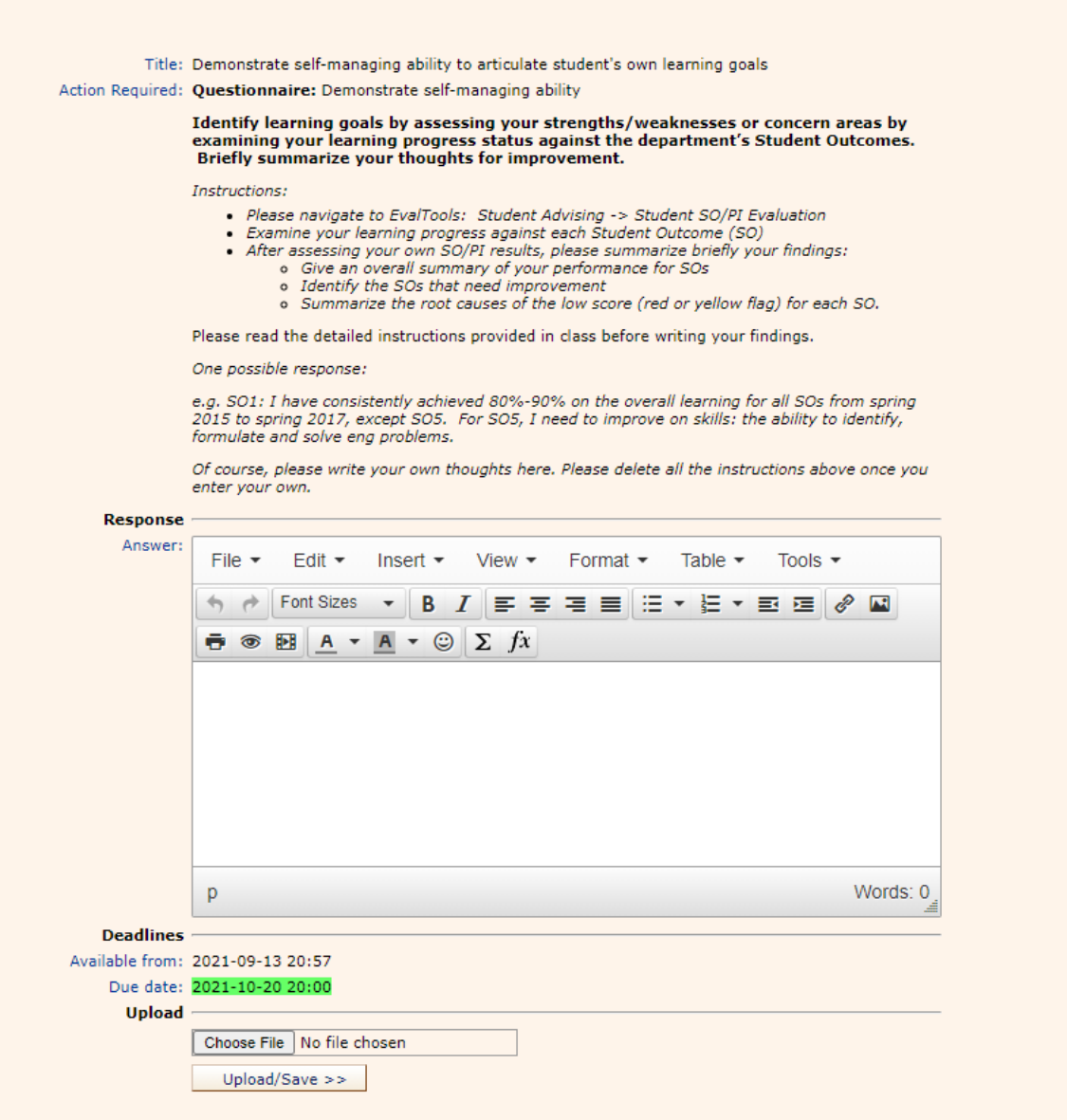
> *I have consistently achieved adequate to exceed expectations for SO1, SO3, SO4 and SO6. SO2 and SO5 show the red flag for concern and need improvement. Further investigation found that the red flags were due to my late submission of key assignments in ECE111 class. The key assignment for PI_2_3 measuring my ability to implement a design solution to meet specification.*

How to submit your findings

To submit your findings, please navigate to Student Advisign -> Advising Action Items, you should see the following screenshot:



You should see the specific PI_7_x assigned to you for completion. Please click on “Continue”, you should see the following:



You could either cut and paste your findings into the text box or submit your findings in a pdf format.