Mapping SLOs to PLOs & ILOs: an eLumen Guide

Why we need to map SLOs:

The SLOs for every course must be mapped to at least one Institutional Learning Outcome. By doing this, we can then run reports based on the ILOs and have campus-wide results, without showing individual course statistics, and make these reports available to the public every year.

It is important that we get this mapping done prior to the Midterm Accreditation Report that is due at the end of the 2016-2017 academic year. In the future, it will be important to check on the mapping any time a SLO is changed to ensure that the mapping is still correct.

Mapping the SLOs to the PLOs also provides program-level evidence that can be used in APPWs and CPPRs.

How to get to mapping in eLumen:

In order to map individual course SLOs to Program Learning Outcomes (PLOs) or Institutional Learning Outcomes (ILOs), you must have either Department or Division Coordinator access in eLumen (see 1 in the figure below).

To locate the mapping, click on the "Outcomes & Assessment" tab (see 2 in the figure below), and chose the sub-tab "Curriculum Mapping" (see 3).
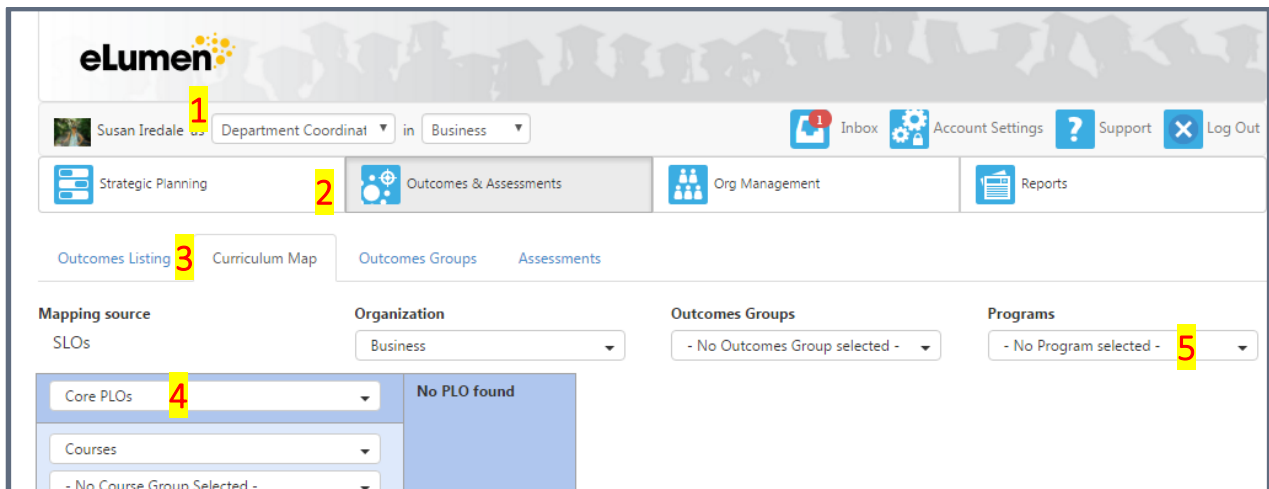

Figure 1: Important drop down menus and tabs needed to locate mapping.

In the drop down menu labelled 4 above, you can toggle between mapping SLOs to the 'Core PLOs' or the 'Core ILOs'. If you choose to map to the PLOs, note that no PLOs will likely appear unless you choose a program listed in the drop down box labelled 5 above.

When mapping SLOs to ILOs toggle drop down menu 4 to "Core ILOs". You will see that there are more ILOs than can be listed on the page (see figure 2 below). In order to map to other ILOs categories, you have two options. First, you can choose a particular ILO Category from the drop down menu labelled 6 in figure 2 below. Second, you can choose the scroll function labelled 7 in figure 2 below. The scroll function

tends to be very slow. However, if you have two ILO categories right next to each other, you can keep them both on the screen using scroll.

Since each ILO category has 2 – 4 subcategories (listed on the last page), chose no more than ONE subcategory in any given category, but you may map a SLO to more than one category. (See explanatory example below.)
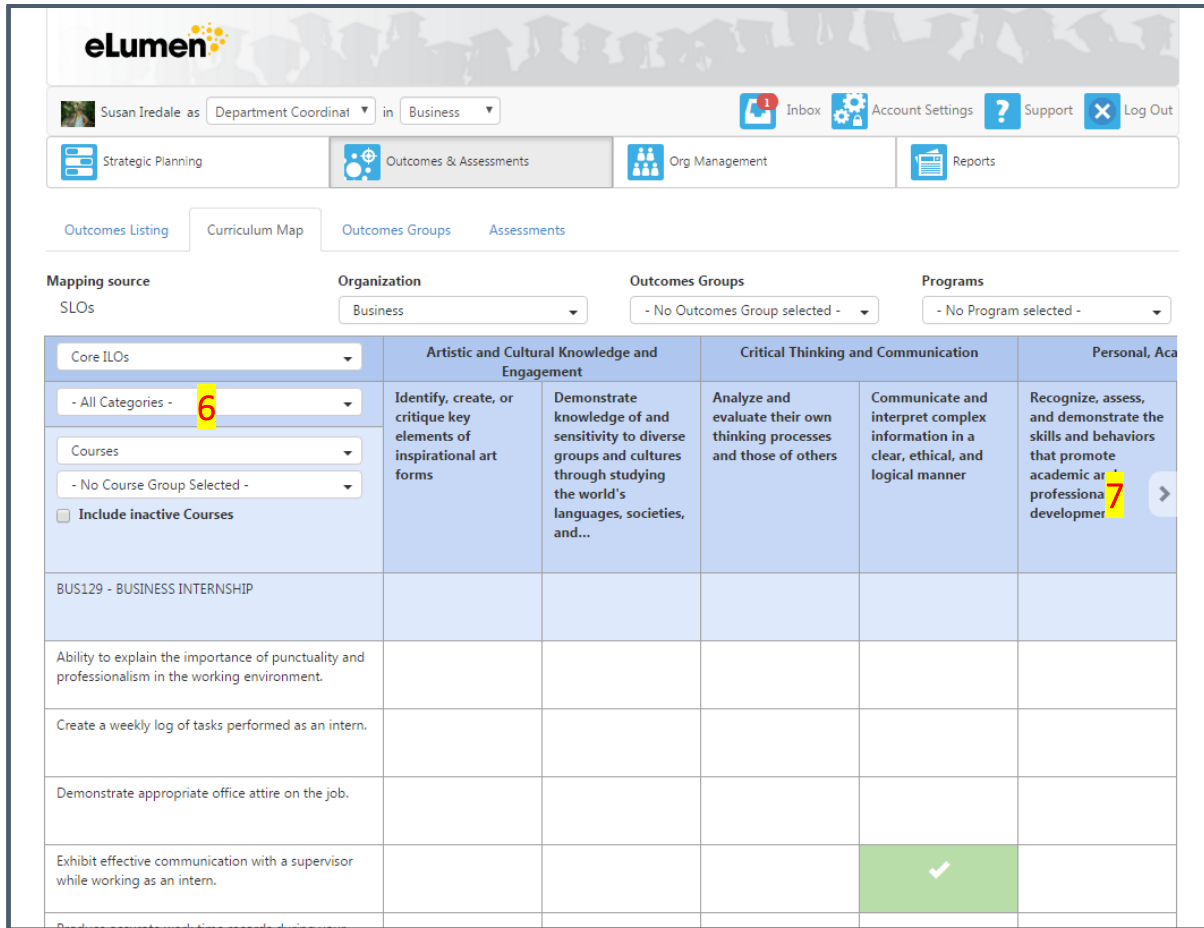

Figure 2: Changing to other ILO Categories (either drop down menu 6 or using the scroll button 7).

For example, suppose you have a SLO that says:
"Calculate and critically analyze national income statistics such as GDP, unemployment, and inflation."

You may choose to map this SLO to the "Critical Thinking & Communication" category and the "Personal, Academic & Professional Development", but chose only one subcategory within each.

Within Critical Thinking & Communication there is both: "Analyze and evaluate their own thinking processes and those of others" and "Communicate and interpret complex information in a clear, ethical, and logical manner". To prevent double counting within the Critical Thinking category, you will have to choose which of the two subcategories is most appropriate, otherwise student scores will be counted twice for each assessment where the SLO is mapped to both subcategories.

To select, simply click on an empty box, and to de-select, simply click on the check mark. You do not have to save your mapping, eLumen will save as you change it.

You may choose more than one ILO category, but only one sub-category, to avoid double-counting.

ILO 5. Artistic and Cultural Knowledge and Engagement

- Identify, create, or critique key elements of inspirational art forms

- Demonstrate knowledge of and sensitivity to diverse groups and cultures through studying the world's languages, societies, and histories

ILO 2. Critical Thinking and Communication

- Analyze and evaluate their own thinking processes and those of others

- Communicate and interpret complex information in a clear, ethical, and logical manner

ILO 1. Personal, Academic, and Professional Development

- Recognize, assess, and demonstrate the skills and behaviors that promote academic and professional development

- Recognize, assess, and practice lifestyle choices that promote personal health and mental well-being

- Demonstrate the professional skills necessary for successful employment

ILO 3. Scientific and Environmental Understanding

- Draw conclusions based on the scientific method, computations or experimental and observational evidence

- Construct and analyze statements in a formal symbolic system

- Analyze the relationship between people's actions and the physical world

- Make decisions regarding environmental issues based on scientific evidence and reasoning

ILO 4. Social, Historical, and Global Knowledge and Engagement

- Analyze, evaluate, and pursue their opportunities and obligations as citizens in a complex world

- Demonstrate understanding of world traditions and the interrelationship between diverse groups and cultures

ILO 6. Technical and Informational Fluency

- Recognize when information is needed, and be able to locate and utilize diverse sources effectively and ethically

- Produce and share electronic documents, images, and projects using modern software and technology