

Assessment of Student Learning
 Course or Program Action Plan

Faculty Name:	Amy	Coley
Course or Program Name:	Radiologic Technology	
Action Plan Title:	Technical Factor Understanding	

The action plan is for a:		This action plan is:		Expected end date if in progress:
Course	Program	Complete	In Progress	
	✓	✓		

Student learning Issue/need:

The students have historically had trouble with applying exposure factors in the clinical setting.

Course competency or program outcome:

Exercise independent judgment in areas of exposure factor manipulations involving all technical factors and equipment for procedures routinely preformed in the clinical setting.

Area of student learning improvement:

I would like to have the students feel much more confident when they are in the clinical setting as well as upon graduation in the independent selection of exposure factors.

Strategy to help improve student learning:

I would like to provide more time in the lab for experimenting with exposure factors. I would also like to have them collect and analyze data from their clinical experiences. I believe that experimenting in the lab and analyzing data will allow them to realize what exposure factors are appropriate and then successfully implementing them in the clinical setting and future employment.

Timeline to implement strategy:

The data will be collected in the Spring of 2017

RESULTS**The impact on student learning:**

In October of 2016 the students completed a survey in which only 26.67% of the students indicated that they could set appropriate technical factors 75% of the time. In May of 2017 the percentage of students that could set an appropriate technical factor 75% of the time jumped to 76.92%

Analysis of the results to determine the effectiveness of the strategy:

I feel that the results really speak for themselves. The students gained knowledge by taking notice of the technical factors at clinical sites. They improved by 50%, whereas if they had not been required to document the technical factors they were using, it would not have been as significant.

Next steps:

I plan on continuing to use this assignment with the students while they are in their clinical setting. I am also taking into consideration some of the comments made on their survey, such as doing more quizzing in the lab setting and talking to technologists regarding allowing the students to set their own technical factors without always relying on technology.

Consultation from peer (optional):

Name of consultant	Date of consultation