

SO1 **MET**

an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

MEASURES	RESULTS	ACTIONS
Exam Question Direct - Exam (Course-based) <i>Embedded Microprocesso Systems: ELEN 4486</i> Target 70% of the students will get 80% or more. Direct Assess for Description.pdf SACSCOC Plan BSEE 4 Watermark 25-26.docx	MET Analysis SO1 was met in ELEN 4486, however in general it was partially attained. Most courses met the established target for one or more performance indicators, and improvement was observed in several courses, including ELEN 3371, 3431, 4361, 4387, and 4486, where all assessed PIs met the target. However, opportunities for improvement remained in ELEN 3421 (PI3), ELEN 2411 (PI3), ELEN 3313 (PI2), ELEN 3322 (PI3), ELEN 3381 (PI1), and ELEN 3441 (PI1). Improvement actions have been identified and are being implemented.	<i>No actions have been added.</i>

Conclusion

The attached document shows all the continuous improvement actions.

SO2 **MET**

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.

MEASURES	RESULTS	ACTIONS
Final Report Sections Direct - Portfolio <i>Senior Project Design II: ELEN 4307</i> Direct Assess for Description.pdf	MET Analysis SO2 was attained. All assessed PIs in ELEN 4306 and ELEN 4307 met or exceeded the established target. The program achieved the desired level of attainment for all assessed performance indicators.	<i>No actions have been added.</i>

SO6 **MET**

an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

MEASURES	RESULTS	ACTIONS
Question in the final exam	MET	<i>No actions have been added.</i>

Direct - Exam (Course-based) <i>Embedded Microprocesso Systems: ELEN 4486</i> Direct Assess for Description.pdf	Analysis SO6 was attained. All contributing courses met or exceeded the established target for both assessed performance indicators. The program achieved the desired level of attainment for this student outcome.	
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SO7 **MET**

an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

MEASURES	RESULTS	ACTIONS
Final Report Section Direct - Portfolio <i>Senior Project Design II: ELEN 4307</i> Direct Assess for Description.pdf	MET Analysis SO7 was attained. Both performance indicators met or exceeded the established target in ELEN 4306 and ELEN 4307. The program achieved the desired level of attainment for all assessed performance indicators.	<i>No actions have been added.</i>