e) An ability to identify, formulate and solve engineering problems.

Criterion	Initial	Emerging	Developed	Excellence
Identify variables and constraints of a problem.	The student does not identify either the variable or the major constraints of the problem.	The student does not identify all the variables nor all constraints of the problem.	The student identifies all the variables but not all constraints of the problem.	The student identifies all variables and constraints of the problem.
Select the solution's method.	The student selects the inappropriate method.	The student selects a suitable method for the problem.	The student selects a good method, but idealized.	The student selects the best method, applied to the real conditions of the problem.
Obtain the solution to the problem and evaluate the solution.	The student did not obtain the problem's solution.	The student partially solves or partially justifies the solution method and the numerical result.	The student presents the complete solution, but lacks of accuracy and proper justification of the solution's method.	The student presents the complete solution and properly justified the solution method and the numerical result.