Example: Abstract Page. This is a required page that displays the roman numeral iii page number. Abstracts in doctoral dissertations are limited to 350 words or approximately 1 1/2 pages. There is no word limit for a master's thesis abstract. Each page of the abstract is blank on the back side. Note: the optional acknowledgments page follows the same format as the abstract page.

<div align="center">

ABSTRACT ◄─── The title is centered in all capital letters one keyboard return below the top one-inch text margin.

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The solving of large, real world, combinatorial optimization problems has been of interest to the operations research community for some time. Because the algorithms used in solving these problems tend to have high computational time complexities (Order N^2 or greater), even the theoretical solutions are difficult to achieve. Dealing with such problems in an industrial environment where other factors such as human interaction and non-determinism are present make the problem solution, and further, the implementation of the results, an even greater challenge. The contents of this document describe a method that can be used to solve these problems in an industrial environment. More specifically, the problems considered involve multiple objectives, each objective either being a combinatorial optimization problem or one that is somewhat subjective in its measurement. The method developed, which is grounded in the Analytic Hierarchy Process, is then used to solve a life optimization problem at the Coors Brewery in Golden, Colorado.

The first page of the abstract is numbered roman numeral iii. ──► iii