

## THE USE OF CRITICAL PATH METHODS IN MANAGEMENT OF THE REPAIR ACTIVITIES

**Florin Blaga<sup>1</sup>, Traian Buidos<sup>1</sup>, Iulian Stănăşel<sup>1</sup> & Alin Pop<sup>1</sup>**

<sup>1</sup>University of Oradea, Department of Machine Manufacturing Technology

Corresponding author: Florin Blaga, fblaga@uoradea.ro

**Abstract:** Complete overhauling activities may be included in "single-part production" or "project" categories. In these circumstances, the critical path methods can provide solutions to optimize the project's components scheduling activity. The use of specialized software in project management allows timely processing of large amount of information, thus obtaining optimal solutions for planning project activities. This paper shows how these methods were applied to a company with machine tools repairing and retrofitting as its object of activity

**Keywords:** project, critical path methods, PERT chart, Gantt chart.