

**TOP INDUSTRIAL & MANUFACTURING ENGINEERING KNOWLEDGE, SKILLS  
AND PERSONALITIES SOUGHT BY EMPLOYERS**

In a recent job search using various websites, it has been found that companies need some knowledge, skills and personalities. These knowledge, skills and personalities have been ranked in the following table. Job searching websites used for this data were careerbuilder.com, monster.com, yahoojobs.com and google.com. The survey was based on 100 companies and their recent job descriptions.

	<b>Industrial Engineering</b>	<b>Manufacturing Engineering &amp; Technology</b>	<b>Ranking</b>
<b>Top knowledge's</b>	Lean and its implementation	Lean and its concepts	1
	Data analysis	Tool design	2
	Layout designs	Ability to understand Materials	3
	Six-sigma	Manufacturing Quality	4
	Design software's	Six Sigma	5
	Production planning	Production Development	6
	Process planning	Process Development	7
	Logistics	CAD	8
	Quality control	CNC machining	9
	Cost control	G codes & M codes	10
	FMEA	3D Modeling	11
	Operational improvement	CAM	12
	Time study	Ergonomics	13
<b>Top Skills</b>	Computer skills	Computer skills	1
	Ability to analyze work flow	Problem solving skills	2
	Problem solving skills	Analytical skills	3
	Analytical skills	Communication skills	4
	Communication skills	Documentation Skills	5
	Documentation Skills	Team building skills	6
	Team building skills	Resource utilization skills	7
	Resource utilization skills		8
<b>Top Personalities</b>	Positive attitude	Positive attitude	1
	Leadership qualities	Leadership qualities	2
	Enthusiastic and trust worthy	Enthusiastic and trust worthy	3
	Good work ethics	Good work ethics	4

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