

Kriatec's Learnew : Best e-Learning System
for Maximising the Skillsets for Enhanced Productivity
and Quality in Mechanical Industries



www.learnew.org

**15 Years of
Business
Excellence**

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Kriatec's Learnew : The Ultimate e-Learning System you'll ever Need.

In today's rapidly evolving world, Industries face constant challenges and opportunities brought about by technological advancements, globalization, and changing customer demands. To remain competitive, companies must adapt and foster a culture of continuous improvement learning. By mapping the integration of new skills across various departments, organizations can optimize their operations, boost innovation, and drive overall success.



The Importance of Learning New Skills: Adapting to Technological Advances: As technology rapidly evolves, companies must cultivate a workforce that can effectively leverage new tools and platforms.



Navigating Changing Market Trends: Industries are influenced by shifting customer preferences and market dynamics. Organizations must invest in skill development programs to equip their workforce with the ability to anticipate and respond to emerging trends effectively.



Enhancing Employee Engagement and Retention: Offering opportunities for skill acquisition not only helps employees stay engaged but also improves their job satisfaction. By investing in their professional growth, companies can foster a culture of continuous learning, attracting and retaining top talent.

In today's fast-paced world, upskilling is crucial for professionals in mechanical industries to excel in their fields. Learnew provides a digital pathway for skill development, addressing the common challenge faced by working professionals in acquiring the necessary expertise. The platform acts as a catalyst, enabling engineers to acquire the specific skillsets required to thrive in their respective industries.

Kriatec Services has made significant improvements in the new product development process in CNC machining such as Production, Mould and Die, Machine Tools and Valve Machining Industries for over 300 customers in India by implementing EdgeCAM software, Cutting Tools, Probes and Productivity Improvement Projects for the past 14 years.

Continuous learning is crucial in the ever-evolving Mechanical/Manufacturing Industries. At Kriatec Services, we have developed tailor-made e-Learning skill development programs that cater to the upskilling needs of individuals seeking career growth.

Learnew offers a comprehensive range of self-paced e-Learning courses, accessible 24/7, to accommodate professionals' busy schedules. The Courses are thoughtfully designed, incorporating a minimum of five industry-specific live examples to ensure practical understanding. The content is carefully crafted, making it easy to comprehend and apply in real-life scenarios. Learners can also leverage mind mapping techniques provided within the courses to enhance their problem-solving abilities.



To provide continuous support, Learnew includes an online support text box for each topic, allowing professionals to seek assistance or clarification whenever required. Additionally, the platform offers high-quality video streaming of live industry examples, enabling learners to witness the application of concepts in real-world scenarios, further enhancing their understanding.

Learnew places great importance on continuous assessment to ensure optimal learning outcomes. Throughout the courses, learners will encounter multiple-choice questions (MCQs) and live projects to assess their understanding and progress.

Learnew is a groundbreaking eLearning platform designed to cater the skill development needs of professionals in mechanical industries. With its self-paced courses, practical examples continuous assessment, Learnew empowers engineers to enhance their skillsets, improve productivity, and excel in their respective fields.

Skill Development Course on Geometric Dimensioning & Tolerancing

Importance of GD&T

- GD&T is used in all the manufacturing industries like Automotive, Aerospace, Machine tool builders, Oil & gas, etc.
- GD&T is widely used in the Quality, Design, Assembly & Manufacturing departments of any manufacturing industry.

Focus Areas

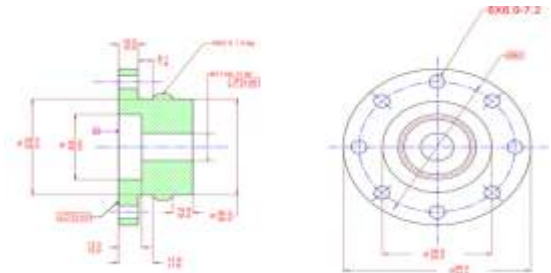
- Our Geometric Dimensioning and Tolerancing course covers the fundamentals and principles of the ASME Y14.5 2009 GD&T standard. The course focuses on the 14 geometric characteristic symbols, explaining in detail each symbol, feature control frames, different modifiers and how they affect tolerancing when placed in the feature control frame.
- The course also goes into depth on datums and datum selection methods. You will be exposed to methods of inspection for the characteristic symbols, composite feature control frames and design exercises.
- The course is delivered with a combination of principles, exercises and examples from a professional with over 20 years of practical experience.

Why is GD & T Skill important?

Geometric dimensioning and tolerancing, often referred to as GD&T, is a symbolic language used on engineering drawings and models to define the allowable deviation of feature geometry. The language of GD&T consists of dimensions, tolerances, symbols, definitions, rules, and conventions that can be used to precisely communicate the functional requirements for the location, orientation, size, and form of each feature of the design model. Thus, GD&T is an exact language that enables designers to “say what they mean” with regard to their design models. Production can then use the language to understand the design intent, and inspection looks at the language to determine set up requirements.

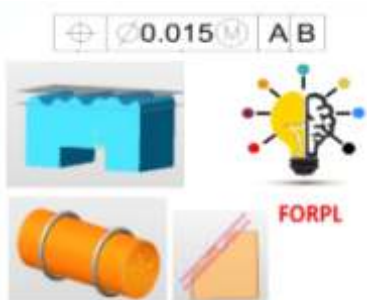
GD&T : Communicates Design Intent like Fit, Assembly and Function, Manufacturing Process flow and Inspection process. All Mechanical, Automobile and Mechatronics Engineers need to understand all the GD & T symbols and apply them in Engineering Drawings. GD & T is the basic requirement to enter into all the Engineering departments : Product Design, Manufacturing, Process Planning and Quality. GD&T Course content is curated to create, understand and interpret the drawings that are created in various countries across all industries.

There are 7 more GD & T symbols and controls missing in this drawing.



Outcomes of the GD&T course :

- Understand and explain the various GD&T symbols
- Read and interpret any manufacturing detailed drawings created across the globe
- Prepare a manufacturing drawing with proper GD&T usage which leads to less ambiguity for the user of the drawing
- Identify and explain where and why a particular GD&T symbol must be used
- Decide on the method of measuring the various GD&T symbols



Duration of the Geometric Dimensioning & Tolerancing course : 2 Weeks & 1 hour of effort per day.

- A Yearly Subscription Model is available.

Eligibility:

- Working professional with a minimum of 6 months working experience in Design, Quality, Production, NPD/MED/PED, Vendor Development and Purchase.
- Should have a Degree/Diploma from a University or college

Certification : On successful Completion of the Course, AICTE, New Delhi Evaluated Certificate will be provided

Mapping New Skills and Cross-Department Collaboration in the Modern Industry

Skill Mapping	Research & Development	Production Engineering	Production	Vendor Development	Quality	Sales & Marketing
Geometric Dimensioning & Toleranceing						
Fixture Design						
Hydraulic Fixture Design						
New Product Development						
CAM Programming						
7 Quality Control Tools						
Quality Management System						
Mould & Die Design						

No Competence
 Low Competence
 Some Competence
 High Competence
 Expert

Kriatec's Learnew is a revolutionary eLearning platform specifically designed to leverage and enhance the skillsets required for success in mechanical industries. With Learnew, professionals in fields such as automotive, aerospace, medical, tool making, oil & gas, and more can significantly improve their productivity and deliver high-quality products to their customers.

Ministry of Education Government of India appreciated skill set course during our course presentation to AICTE (All India Institute of Technical Education). Engineering students from various colleges undergoing these courses.

Trained more than 3,500 industry professionals

OUR ACCOMPLISHED LEARNERS FROM PROMINENT MECHANICAL INDUSTRIES, SHAPING THEIR SKILLSETS



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