

LEADING E-LEARNING ENTITY

Transformers Academy, as the leading e-learning entity in the transformer industry, offers a variety of study programs suitable for all pro les of employees in transformer manufacturing companies, in companies that supply materials, components, and equipment, in utilities, laboratories, consulting and engineering rms, etc. Combining multiple courses into a package, these study programs represent the most advanced form of education at the TA and serve to provide the attendees with wholesome knowledge, as well as to certify them within the chosen eld.

THE FOLLOWING PROGRAMS ARE AVAILABLE:

- » Transformer essentials
- » Transformer engineering
- » Management in transformers
- » Transformer asset management
- » Transformer reliability



TRANSFORMER ESSENTIALS

This study program is a perfect choice for employees with shorter experience in the transformer industry, as well as for non-technical personnel with longer experience (technicians and engineers who are starting out, sales and marketing people, human resources personnel, mechanical and chemical engineers, etc.). The program provides versatile and effective learning opportunities on essential technical and managerial topics. The content is delivered on such a level as to ensure that students get a solid insight into the matter. With a wide range of elective courses, the program can be easily customised to the core competences of your employees in **technical and managerial** positions.











THE TRANSFORMER ESSENTIALS PROGRAM COMPRISES THREE OBLIGATORY AND THREE ELECTIVE COURSES:

Obligatory courses

- Design of distribution transformers 2 lessons
- Design of power transformers 2 lessons
- Transformer testing 3 lessons

Elective courses (select one module)

Module I

- Level 2 transformer condition assessment 1 lesson
- Partial discharge measurement for power transformers 2 lessons
- On-load tap changers 1 lesson

Module II

- Transformer oil 3 lessons
- Online moisture in transformers monitoring and management 3 lessons
- Dissolved gas analysis 3 lessons

Module III

- Transformer specification 2 lessons
- Strategic sourcing for power transformers 1 lesson
- Contract management in the transformer industry 3 lessons



Register here: https://transformers-magazine.com/module/transformer-essentials/





TRANSFORMER ENGINEERING

This study program provides a comprehensive education on engineering topics. As such, it is suitable for **engineers and technicians** in design, quality, manufacturing, testing, commissioning, diagnostics, monitoring, asset management, etc. A bunch of elec-

tive courses makes this program an enhancing tool for other pro les of employees as well, namely sales and marketing people, supply chain personnel, company managers, etc.









THE TRANSFORMER ENGINEERING PROGRAM COMPRISES FOUR OBLIGATORY AND TWO ELECTIVE COURSES:

Obligatory courses

- Design of distribution transformers 22 lessons
- Design of power transformers 13 lessons
- Transformer testing 22 lessons
- Partial discharge measurement for power transformers 6 lessons

Elective courses (select one module)

Module I

- Level 2 transformer condition assessment 13 lessons
- On-load tap changers 8 lessons

Module II

- Online moisture in transformers monitoring and management 3 lessons
- Dissolved gas analysis 14 lessons

Module III

- Transformer specification 10 lessons
- Transformer oil 20 lessons





STUDY PROGRAMS

Register here: https://transformers-magazine.com/module/transformer-engineering/





MANAGEMENT IN TRANSFORMERS

This study program provides an all-inclusive training on managerial topics and includes elective technical programs that will additionally help managers excel in the transformer industry. It is suitable for company management, sales and marketing staff, supply chain personnel, etc. In addition, several elective courses make this program an enhancement tool for management-oriented employees in design, quality, manufacturing, testing, commissioning, diagnostics, monitoring, asset management, etc.

The Strategic sourcing course and the Contract management in the transformers industry course are available on Basic and Intermediate level.





THE MANAGEMENT IN TRANSFORMERS
PROGRAM COMPRISES THREE OBLIGATORY
AND THREE ELECTIVE COURSES:

Obligatory courses

- Contract management in the transformer industry 6 lessons
- Transformer speci cation-10lessons
- Starategic sourcing for power transformers 4 lessons

Elective courses (select one module)

Module I

- Design of distribution transformers 22 lessons
- Design of power transformers 13 lessons
- Transformer testing 22 lessons

Module II

- Level 2 transformer condition assessment 13 lessons
- Partial discharge measurement for power transformers 6 lessons
- On-load tap changers 8 lessons

Module III

- Transformer oil 20 lessons
- Online moisture in transformers monitoring and management 3 lessons
- Dissolved gas analysis 14 lessons





STUDY PROGRAMS

Register here: https://transformers-magazine.com/module/management-in-transformers/



TRANSFORMER ASSET MANAGEMENT

This study program provides a detailed education on asset management topics. It is suitable for **engineers and technicians** in asset management, testing, diagnostics, monitoring, design, quality, manufacturing, commissioning, etc. With a couple of elective courses, the program can also serve to level-up the competencies of other prolles of employees, such as sales and marketing people, company managers, supply chain personnel, etc.

THE PROGRAM COMPRISES SIX COURSES:

- Transformer testing 22 lessons
- Level 2 transformer condition assessment 13 lessons
- Partial discharge measurement for power transformers 6 lessons
- Dissolved gas analysis 14 lessons
- Online moisture in transformers monitoring and management 3 lessons
- On-load tap changers 8 lessons



STUDY PROGRAMS

Register here: https://transformers-magazine.com/module/transformer-asset-management/



TRANSFORMER RELIABILITY

This all-encompassing programme educates professionals in the eld of transformer reliability topics. It is suitable for **engineers and technicians** in design, quality, manufacturing, testing, commissioning, diagnostics, monitoring, asset management, etc. Provided that they select among the variety of the

elective courses, other proles – such as sales and marketing people, supply chain personnel, company managers, etc. – can benefit from this programme as well. It comprises four obligatory and two elective courses.

The Strategic sourcing course is available on Basic and Intermediate level.





THE TRANSFORMER RELIABILITY PROGRAM COMPRISES FOUR OBLIGATORY AND TWO ELECTIVE COURSES:

Obligatory courses

- Transformer speci cation–10lessons
- Strategic sourcing for power transformers 4 lessons
- Design of power transformers 22 lessons
- Design of distribution transformers 13 lessons

Elective courses (select one module)

Module I

- Transformer testing 22 lessons
- Level 2 transformer condition assessment 13 lessons

Module II

- Partial discharge measurement for power transformers 6 lessons
- · Dissolved gas analysis 14 lessons



Module III

- Transformer oil 20 lessons
- Online moisture in transformers monitoring and management 3 lessons



STUDY PROGRAMS

Register here: https://transformers-magazine.com/module/transformer-reliability/