

Continuing Professional Development (CPD) Calendar

2026 -2027

This calendar sets out the CPD courses the Institute of Engineering Rwanda will deliver from August 2026 to December 2027. For each course it lists the objectives, target audience, expected learning outcomes, date, delivery mode, participation fee by membership category, and CPD points awarded. Fees are in Rwandan Francs (RWF) per participant.

Fee Categories and Abbreviations

Abbreviation	Term	Definition
GE	Graduate Engineers	Engineering graduates who meet the prescribed academic requirements and are registered with IER as Graduate Engineers, but have not yet attained Professional Engineer status.
GT	Graduate Technologists	Engineering technology graduates who meet the prescribed academic requirements and are registered with IER as Graduate Technologists, but have not yet attained Professional Engineering Technologist status.
CM	Compliant Members	IER members who have fulfilled the applicable membership, registration, professional practice and other prescribed compliance requirements, including payment of required fees where applicable.
NCM	Non-Compliant Members	IER members who have not fulfilled one or more applicable membership, registration, professional practice or other prescribed compliance requirements.
NM	Non-Members	Individuals who are not registered or admitted as members of the Institute of Engineering Rwanda (IER).

A. CPD Calendar 2026

9 courses, August – December 2026

GE: Graduate Engineers | **GT:** Graduate Technologists | **CM:** Compliant Members | **NCM:** Non-Compliant Members | **NM:** Non-Members

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
1	Sustainable Engineering: ESG in the Construction Sector for Engineering Practitioners in Rwanda	- Understand ESG principles in the construction sector. - Integrate sustainability and risk mitigation into projects. - Strengthen stakeholder engagement and safeguard compliance.	Engineers and technologists; contractors and consultants; project managers and technical professionals; environmental and social practitioners; government and regulatory officials	- Identify key environmental, social and governance risks. - Apply sustainability and mitigation measures in projects. - Engage stakeholders and ensure compliance with safeguard requirements.	1	14 Aug 2026	Physical	GE & GT: 100,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
2	Construction Contract Drafting and Management	- Understand key principles of construction contract drafting and management. - Apply effective contract administration and risk management practices. - Strengthen skills in managing claims, variations, disputes and contract compliance.	Engineers and engineering technologists; contractors and consultants; project and contract managers	- Draft and interpret key construction contract provisions. - Administer contracts and manage risks, variations and claims effectively. - Manage disputes and ensure contractual compliance.	1	4 Sep 2026	Online	GE & GT: 30,000 CM: 50,000 NCM: 100,000 NM: 200,000	2	Register here
3	Practical Seismic Design of Reinforced Concrete Buildings	- Understand key seismic principles and building response. - Apply Eurocode 8 principles in reinforced concrete design. - Improve practical seismic analysis, design and detailing skills.	Civil and structural engineers; professional technologists, technicians and consultants; project, site and resident engineers; inspectors, managers and technical professionals	- Explain key seismic principles and building response. - Apply Eurocode 8 principles to reinforced concrete design. - Perform basic seismic analysis, design and ductile detailing checks.	1	11 Sep 2026	Physical	GE & GT: 100,000 CM: 100,000 NCM: 150,000 NM: 300,000	6	Register here
4	Kubaka System Webinar	Equip participants with practical skills to use the Kubaka System for construction-related processes.	Engineers and engineering technologists; architects and construction professionals; contractors and consultants; developers and project managers	- Navigate and use the Kubaka System. - Submit and manage applications through the system. - Track applications and use key system features effectively.	1	2 Oct 2026	Online	FREE	2	Register here

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
5	Resilient Concrete: Durability, Repair and Carbon Reduction	Understand concrete durability, service-life design, repair and rehabilitation, and their role in reducing whole-life carbon.	Civil, structural and marine/water infrastructure engineers; professional engineers; engineering consultants; contractors; project managers and relevant engineering stakeholders	- Assess durability and deterioration mechanisms. - Apply service-life design principles. - Select appropriate repair and rehabilitation strategies. - Apply durability measures for carbon reduction.	1	23 Oct 2026	Physical	GE & GT: 100,000 CM: 100,000 NCM: 150,000 NM: 300,000	6	Register here
6	Code of Ethics and Conduct for Engineering Professionals	- Understand core ethical principles governing engineering practice. - Recognise the importance of integrity and honesty in professional decision-making. - Appreciate the role of ethics in protecting public safety and professional reputation.	Engineers and engineering technologists; contractors and consultants; project and contract managers	- Identify ethical responsibilities set out in the IER Code of Conduct. - Apply ethical principles when faced with professional dilemmas. - Evaluate decisions using professional and public-interest considerations.	1	30 Oct 2026	Online	GE & GT: 5,000 CM: 20,000 NCM: 25,000 NM: 30,000	3	Register here
7	Structural Engineering: Advanced Design and Analysis	- Develop advanced structural analysis skills. - Apply advanced structural design principles to complex systems. - Improve structural modelling, load combinations, verification and detailing.	IER members; civil and structural engineers; engineering firms and employers	- Apply advanced structural analysis techniques. - Apply advanced design principles. - Analyse and design complex structural systems. - Verify structural adequacy. - Improve structural detailing and constructability.	6	6 Nov 2026	Physical	GE & GT: 100,000 CM: 100,000 NCM: 150,000 NM: 300,000	1	Register here
8	Environmental Management, Pollution Control and Circular Economy	- Understand environmental management, compliance, pollution-control and circular-economy principles. - Apply environmental assessment and waste-management approaches to engineering projects. - Promote pollution prevention, resource efficiency and sustainable waste management.	Environmental, civil, chemical and process engineers; project managers; contractors; consultants; government and regulatory officials	- Identify and assess environmental impacts and risks. - Apply environmental compliance and management procedures. - Select appropriate waste-treatment and pollution-control measures. - Apply circular-economy principles. - Develop sustainable waste and resource-management approaches.	1	27 Nov 2026	Physical	GE & GT: 30,000 CM: 60,000 NCM: 100,000 NM: 150,000	6	Register here

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
9	Engineer Your Professional Effectiveness: Time, Stress Management and Technical Reporting	Equip engineers with practical skills to manage time and stress, improve efficiency and productivity, maintain work–life balance, and communicate technical information clearly, accurately and professionally.	All engineering professionals: professional and graduate engineers, technologists, technicians, consultants, project managers, supervisors and engineering managers	- Manage time and priorities effectively. - Reduce workplace stress and promote wellbeing. - Improve personal efficiency, productivity and work–life balance. - Prepare clear, structured and persuasive technical reports. - Improve technical accuracy and avoid common reporting errors. - Align technical documentation with professional engineering standards.	1	11 Dec 2026	Online	GE & GT: 15,000 CM: 20,000 NCM: 30,000 NM: 50,000	4	Register here

B. CPD Calendar 2027

26 courses, January – December 2027

GE: Graduate Engineers | GT: Graduate Technologists | CM: Compliant Members | NCM: Non-Compliant Members | NM: Non-Members

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
1	Construction Materials and Innovative Technologies	- Understand construction material properties and selection. - Apply appropriate testing and quality-control methods. - Improve material durability and performance in construction.	IER members; civil and materials engineers; contractors and engineering firms	- Select appropriate construction materials. - Apply testing methods and standards. - Implement QA/QC procedures. - Assess material durability and performance. - Address material-related construction problems.	1	15 Jan 2027	Physical	GE & GT: 100,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
2	Climate-Resilient Infrastructure	- Understand climate risks and infrastructure vulnerability. - Apply resilient design and adaptation measures. - Promote sustainable infrastructure, nature-based solutions and green technologies.	IER members; civil and environmental engineers; urban planners; engineering firms and employers	- Assess climate risks and impacts. - Apply resilient design strategies. - Integrate nature-based solutions. - Promote sustainable infrastructure. - Apply relevant policies and best practices.	1	29 Jan 2027	Physical	GE & GT: 100,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
3	MEP Services: Mechanical, Electrical and Plumbing Systems	- Understand the principles and components of MEP building services. - Apply appropriate approaches to the design, coordination and installation of mechanical, electrical and plumbing systems. - Improve building performance, safety, energy efficiency and maintainability.	Civil, mechanical, electrical, environmental, MEP and building services engineers and technicians; architects; contractors and consultants; project and facility managers	- Identify major mechanical, electrical and plumbing systems. - Apply basic MEP design and coordination principles. - Coordinate MEP services with architectural and structural systems. - Identify energy-efficiency and water-saving opportunities. - Apply relevant safety, quality and building-code requirements.	2	12 Feb 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 200,000 NM: 300,000	6	Register here
4	HVAC Systems and Energy Efficiency	- Understand HVAC system principles and components. - Apply energy-efficient HVAC design and operation practices. - Improve building energy performance and indoor environmental quality.	Mechanical engineers; HVAC engineers and technicians; building services engineers; contractors and consultants; facility managers	- Design and evaluate HVAC systems. - Identify opportunities for energy efficiency. - Apply energy-saving technologies and practices. - Improve indoor air quality and thermal comfort.	1	26 Feb 2027	Physical	GE & GT: 30,000 CM: 50,000 NCM: 70,000 NM: 100,000	6	Register here

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
5	Smart Design with BIM: Transforming Projects Digitally	- Understand BIM principles and workflows. - Apply BIM tools in the planning, design, construction and management of projects. - Improve project coordination and information management.	Engineers and engineering technologists; architects and quantity surveyors; contractors and consultants; project and technical managers	- Explain BIM concepts and workflows. - Apply BIM tools to engineering projects. - Develop and manage digital project information. - Improve multidisciplinary coordination and collaboration.	1	5 Mar 2027	Physical	GE & GT: 80,000 CM: 150,000 NCM: 200,000 NM: 250,000	6	Register here
6	Evolving AI in Engineering: Applications, Productivity and Responsible Practice	Equip engineering professionals with practical knowledge of emerging AI technologies and their use in design, analysis, project management, construction, infrastructure operation and decision-making, while addressing responsible and ethical use of AI.	Civil, structural, electrical, mechanical, environmental, IT and chemical engineers; professional engineers; technologists; consultants; contractors; project managers; researchers and engineering managers	- Understand current and emerging AI technologies relevant to engineering. - Apply AI tools to engineering analysis, design, documentation and project management. - Use AI to improve productivity, decision-making and problem-solving. - Critically evaluate AI-generated engineering information and outputs. - Understand AI risks, ethics, data protection and professional responsibility. - Identify practical AI applications relevant to Rwanda's engineering and infrastructure sector.	1	12 Mar 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 200,000 NM: 250,000	6	Register here
7	Arbitration for the Engineering Profession: Practical Skills for Effective Dispute Resolution	- Provide a clear understanding of the arbitration process. - Equip engineering professionals with skills to prepare and present technical evidence. - Strengthen dispute management and contract interpretation skills.	Engineers and engineering technologists; contractors and consultants; project and contract managers; quantity surveyors and legal professionals	- Explain the basic steps and principles of arbitration. - Identify common sources of engineering disputes. - Prepare relevant technical documents for arbitration.	1	26 Mar 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
8	Structural Engineering: Advanced Design and Analysis	- Understand advanced structural analysis methods. - Apply structural design principles. - Design complex structural systems.	IER members; civil and structural engineers; engineering firms and employers	- Apply advanced structural analysis techniques. - Improve structural design and detailing skills. - Evaluate and design complex structural systems.	1	31 Mar 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
9	Designing for Tomorrow: Climate-Resilient Infrastructure	• Apply climate-resilient design principles. • Integrate sustainability into projects. • Assess environmental risks.	Engineers and engineering professionals; architects, contractors and consultants; project and technical managers; environmental and sustainability professionals; government and regulatory officials	• Design infrastructure that withstands climate shocks. • Incorporate sustainable methods. • Reduce vulnerability.	1	2 Apr 2027	Physical / Hybrid	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
10	Quality Counts: Best Practices in Documentation and Quality Assurance	• Strengthen quality assurance practices. • Improve professional documentation. • Ensure compliance with standards.	Engineers and engineering technologists; contractors and consultants; project and quality managers; site engineers and supervisors; government and regulatory officials	• Apply QA processes. • Prepare compliant records. • Improve audit readiness.	TBC	30 Apr 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	4	Register here
11	Legal and Regulatory Framework for the Built Environment in Rwanda	• Understand key laws, regulations and technical tools governing construction and the built environment in Rwanda.	Engineers and engineering technologists; architects and quantity surveyors; contractors and consultants; developers and project managers; government and regulatory officials	• Identify key legal and regulatory requirements. • Understand applicable laws, sanctions and the Rwanda Building Code. • Apply legal and regulatory requirements in professional practice.	1	7 May 2027	Online	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
12	Green Engineering and Sustainable Infrastructure	• Understand green engineering principles and sustainable infrastructure concepts. • Apply sustainable design approaches to engineering projects. • Promote resource efficiency and environmental sustainability.	Engineers; architects; contractors; project managers; environmental professionals; engineering firms and consultants	• Apply green engineering principles. • Integrate sustainability into infrastructure design. • Evaluate resource and energy efficiency. • Apply sustainable technologies and practices.	1	28 May 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
13	Water and Wastewater Treatment Technologies	• Understand modern water and wastewater treatment technologies. • Apply appropriate treatment processes for different water-quality challenges. • Improve treatment efficiency and environmental protection.	Environmental and civil engineers; water and wastewater professionals; plant operators; consultants; government and regulatory officials	• Identify major water and wastewater treatment technologies. • Select appropriate treatment processes. • Evaluate treatment-system performance. • Apply water-quality and environmental protection requirements.	1	4 Jun 2027	Online	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
14	Geographic Information Systems (GIS)	- Understand GIS principles and spatial data management. - Apply GIS tools to engineering and infrastructure projects. - Use spatial analysis to support planning and decision-making.	Civil and environmental engineers; surveyors; urban planners; GIS professionals; engineering firms	- Explain GIS concepts and applications. - Collect, manage and analyse spatial data. - Produce and interpret engineering maps. - Apply GIS in infrastructure and environmental projects.	1	25 Jun 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
15	Digital Engineering: AI, BIM, GIS and Data Analytics	- Understand modern digital technologies used in engineering practice. - Apply AI, BIM, GIS, data analytics and engineering software to professional activities. - Improve productivity, coordination, analysis and decision-making through digital tools.	Engineers; technologists; architects; surveyors; project managers; consultants; contractors; engineering firms	- Apply BIM and digital engineering workflows. - Identify appropriate AI applications in engineering. - Use GIS and spatial data for engineering projects. - Analyse and interpret engineering data. - Select appropriate digital tools for engineering tasks.	1	2 Jul 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
16	FIDIC Made Simple: Contracts and Claims Management	- Understand FIDIC contract requirements. - Manage claims effectively. - Reduce disputes.	Engineers and engineering professionals; contractors and consultants; project and contract managers; quantity surveyors and procurement professionals	- Draft compliant claims. - Interpret contract clauses. - Protect project outcomes.	1	30 Jul 2027	Online	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
17	Investigating Failures: Forensic Engineering Insights	- Conduct investigations. - Analyse failures. - Apply legal awareness.	Engineers and engineering professionals; consultants and contractors; building inspectors and project managers; legal and insurance professionals involved in construction	- Produce technical reports. - Provide expert opinion. - Implement preventive measures.	1	6 Aug 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
18	Renewable Energy Technologies	- Understand major renewable energy technologies and applications. - Evaluate renewable energy systems for different applications. - Promote efficient and sustainable energy solutions.	Mechanical and energy engineers; engineering consultants; contractors; energy-sector professionals	- Identify suitable renewable energy technologies. - Evaluate renewable energy system performance. - Apply renewable energy solutions to engineering projects. - Assess sustainability and energy-efficiency opportunities.	TBC	27 Aug 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
19	Leading with Impact: Strategic Leadership Skills	- Lead engineering teams. - Make strategic decisions. - Drive performance.	Engineers and engineering professionals; engineering and project managers; team leaders and supervisors; senior technical professionals	- Implement leadership strategies. - Improve decision-making. - Enhance project outcomes.	1	10 Sep 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
20	Roads, Transportation and Pavement Engineering	- Understand road design and pavement engineering principles. - Improve drainage and stormwater management. - Strengthen transportation infrastructure planning, resilience and maintenance.	IER members; civil and transportation engineers; engineering firms and employers	- Apply road design principles. - Design effective drainage systems. - Plan and manage transport infrastructure. - Improve infrastructure resilience and maintenance. - Apply lessons from case studies.	1	30 Sep 2027	Physical	GE & GT: 50,000 CM: 100,000 NCM: 150,000 NM: 200,000	6	Register here
21	Engineering Software and Digital Tools	- Understand modern digital tools used in engineering practice. - Apply engineering software to design, analysis and project management. - Improve productivity and accuracy through digital technologies.	Engineers; technologists; engineering students; consultants; contractors; engineering firms	- Identify appropriate engineering software and digital tools. - Apply software to engineering design and analysis. - Improve project documentation and workflow efficiency. - Integrate digital tools into professional engineering practice.	TBC	8 Oct 2027	Online	GE & GT: 30,000 CM: 50,000 NCM: 100,000 NM: 200,000	2	Register here
22	Disaster-Ready Infrastructure: Building Resilience	- Improve disaster preparedness. - Enhance resilience. - Reduce infrastructure vulnerability.	Engineers and engineering professionals; architects, planners and technical professionals; project managers and consultants; government and disaster management officials; infrastructure developers and contractors	- Develop resilient infrastructure. - Implement risk reduction plans. - Improve response capacity.	TBC	29 Oct 2027	Physical	GE & GT: 30,000 CM: 50,000 NCM: 100,000 NM: 200,000	6	Register here
23	Solar Energy and Photovoltaic Systems	- Understand solar energy principles and photovoltaic technologies. - Apply solar PV system design and installation principles. - Evaluate solar energy performance and applications.	Electrical engineers; energy professionals; solar technicians; contractors; engineering firms and consultants	- Explain solar energy and PV system principles. - Design basic solar PV systems. - Evaluate PV system performance. - Apply appropriate solar technologies to different applications.	TBC	5 Nov 2027	Online	GE & GT: 100,000 CM: 150,000 NCM: 200,000 NM: 300,000	6	Register here

No.	Course Title	Objectives	Target Audience	Learning Outcomes	Days	Date	Mode	Fee per Participant (RWF)	CPD Points	Registration link
24	Steel Design: Advanced Structural Steel Design and Detailing	Strengthen practical knowledge of structural steel design, connections, stability, detailing and relevant design standards.	Civil and structural engineers; professional engineers; engineering consultants; contractors and project managers	- Apply principles of steel structural design. - Design beams, columns and frames. - Design and assess steel connections. - Apply stability and detailing requirements. - Use relevant design codes and software effectively.	1	26 Nov 2027	Physical	GE & GT: 100,000 CM: 150,000 NCM: 200,000 NM: 300,000	6	Register here
25	OSHA: Occupational Safety and Health for Engineering and Construction Projects	Enhance engineers' and construction professionals' knowledge of occupational safety and health requirements, risk management and safe work practices.	All engineering professionals; contractors; site engineers; project managers; supervisors; safety officers and relevant engineering stakeholders	- Identify workplace hazards and assess risks. - Apply occupational safety and health principles on engineering projects. - Develop and implement safety procedures. - Understand incident prevention and reporting. - Promote a strong safety culture on construction and engineering sites.	2	3 Dec 2027	Physical	GE & GT: 100,000 CM: 150,000 NCM: 200,000 NM: 300,000	12	Register here
26	Geotechnical and Foundation Engineering	- Understand soil investigation and characterisation. - Apply appropriate foundation design and analysis methods. - Address retaining structures, slope stability and ground improvement.	IER members; civil and geotechnical engineers; engineering firms and employers	- Interpret geotechnical investigation data. - Design appropriate foundations. - Assess slope stability and retaining systems. - Apply ground improvement techniques. - Solve practical geotechnical problems.	2	17 Dec 2027	Physical	GE & GT: 100,000 CM: 150,000 NCM: 200,000 NM: 300,000	12	Register here

Note: TBC = to be confirmed. Dates, fees and delivery modes may be adjusted; any change will be communicated through official IER channels.

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