COURSE OVERVIEW IT0270
Implementing IT Disaster Recovery (DR) Plan

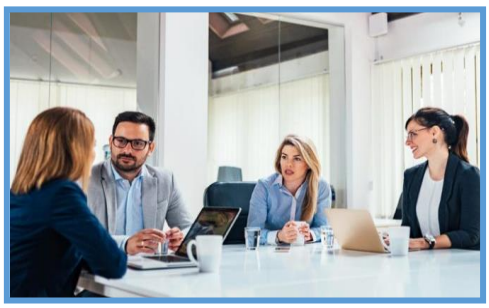
Course Title
Implementing IT Disaster Recovery (DR) Plan

Course Date/Venue
Session 1: August 16-20, 2026/Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE
Session 2: November 15-19, 2026/Sur Meeting Room, Royal Tulip Muscat, Muscat, Oman

Course Reference
IT0270

Course Duration/Credits
Four days/3.0 CEUs/30 PDHs

Course Description



This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.

This course is designed to provide participants with a detailed and an up-to-date overview of Disaster Recovery Planning. It covers the disaster recovery, critical IT systems and processes; the risk assessment and management; identifying and evaluating risks and establishing recovery objectives; the legal and compliance considerations, disaster recovery plans, data backup and recovery strategies; the resource allocation and management, communication, stakeholder management and vendor and third-party management; and the disaster recovery plans, developing and delivering training sessions and raising DR awareness among IT staff.

During this interactive course, participants will learn to design and execute DR tests; evaluate and improve DR plans; the incident response protocols and coordinating and managing incidents; the strategies for application restoration, infrastructure recovery techniques and cloud-based disaster recovery solutions; the advanced data restoration techniques, cybersecurity considerations in DR and IT service continuity management; the innovative DR solutions and technologies; the post-implementation review and analysis; the continuous improvement in DR planning and developing a resilient IT culture; and the future trends in disaster recovery.

Course Objectives/Outcomes & Benefits for the Participants

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain an in-depth knowledge on disaster recovery planning
- Interpret disaster recovery and its role in ensuring critical IT systems and business processes resumption following a disaster
- Create comprehensive and actionable disaster recovery plans that outline the steps to be taken during a disaster to ensure the recovery of critical IT systems and data
- Discuss disaster recovery, critical IT systems and processes
- Carryout risk assessment and management, identify and evaluate risks and establish recovery objectives
- Explain legal and compliance considerations, develop disaster recovery plans and apply data backup and recovery strategies
- Employ resource allocation and management, communication and stakeholder management and vendor and third-party management
- Implement disaster recovery plans, develop and deliver training sessions and raise DR awareness among IT staff
- Design and execute DR tests as well as evaluate and improve DR plans
- Develop incident response protocols and coordinate and manage incidents
- Apply strategies for application restoration, infrastructure recovery techniques and cloud-based disaster recovery solutions
- Carryout advanced data restoration techniques, cybersecurity considerations in DR and IT service continuity management
- Recognize innovative DR solutions and technologies and apply post-implementation review and analysis
- Implement continuous improvement in DR planning, develop a resilient IT culture and discuss future trends in disaster recovery

Exclusive Smart Training Kit - H-STK®

*Participants of this course will receive the exclusive "Haward Smart Training Kit" (**H-STK®**). The **H-STK®** consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.*

Who Should Attend

This course provides an overview of all significant aspects and considerations of disaster recovery planning for IT department BCM team and champions.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations

Haward's certificates are accredited by the following international accreditation organizations: -

- British Accreditation Council (BAC)

  Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

- The International Accreditors for Continuing Education and Training (IACET - USA)

  Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

  Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

  Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures
20% Practical Workshops & Work Presentations
30% Hands-on Practical Exercises & Case Studies
20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

Course Fee

US$ 5,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:

Dr. Mike Tay, PhD, MSc, BSc, is a **Senior IT**, **Telecommunications**, **Control & Electronics Engineer** with over **30 years** of extensive experience. His expertise widely covers in the areas of **IT Performance** Management, Critical Success Factors for **IT Performance**, **IT Service** Management, **IT Service** Management Strategy, **Information Technology** Architectures, **E-Communication & Collaboration** Skills, **Virtual Communication**, **Social Networking**, **Business Intelligence** Tools, **IT Disaster Recovery & Planning**, **IT Risk Management** Concepts, **IT Risk Management** Standard Approaches, I**T Risk Management** Planning, **IT Risk** Identification, **IT Risk Monitoring** & **Control**, **Application** Architecture, **Portfolio** Management, **Application Security**, **Application Integration** Technologies & Strategies, **Solution Architecture** Patterns, **Web Applications** & Services, **Mobile** & **Cloud Applications**, **Blended Learning** Programs, **Web Programming**, Advanced **Database Management** Systems, **Web Design**, **HCI**, 3D Animation, Multimedia Design, Gamification Techniques, Internal & External Auditing, **OS Architectures** and **Network Security**. Further, he is also well-versed in **Network & Wireless** System, **LAN & WAN Network**, UYAP Network, **Network Routing** Protocols, Multicast Protocols, **Network Management** Protocols, **Mobile & Wireless Networks**, Mobile Protocols, **Digital Signal** Processing, 4G LTE, GSM/UMTS, CMDA2000, WIMAX Technology, HSPA+, **Alarm Management** System, **Computer** Architecture, Logic & Microprocessor Design, Embedded Systems Design plus **Computer Networking** with CISCO, **Network** Communication, Industrial Digital Communication, Designing Telecommunications Distribution System, Electrical Engineering, WiMAX **Broadband Wireless** System, TT Intranet & ADSL Network, TT Web & Voicemail, Off-site ATM Network, IT Maintenance, Say2000i, IP Phone, National Address & ID Automation, Electricity Distribution Network, and Customs Network & Maintenance. Currently, he is the **Technical Advisor** of **Izmir Altek**.

During his career life, Dr. Tay worked with various companies such as the **KOC Sistem**, **Meteksan Sistem**, **Altek BT**, **Yasar University**, **Dokuz Eylul University**, **METU** and occupied significant positions like the **Aegean Region Manager**, **Group Leader**, **Technical Services Manager**, **Field Engineer**, **IT Engineer**, **Research Assistant**, **Instructor**, **Technical Advisor** and the **Dr. Instructor**.

Dr. Tay has **PhD**, **Master's** and **Bachelor's** degree in **Electrical & Electronic Engineering** from the **Dokuz Eylul University** and the **Middle East Technical University** (**METU**) respectively. Further, he is a **Certified Instructor/Trainer**, **Technical Trainer (Australia)**, **Trainer** for **Data-Communication System (England & Canada)**, a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management** (**ILM**), a **Certified CISCO** (**CCSP**, **CCDA**, **CCNP**, **CCNA**, **CCNP**) **Specialist**, a **Certified CISCO IP Telephony Design Specialist**, **CISCO Rich Media Communications Specialist**, **CISCO Security Solutions** & **Design Specialist** and **Information Systems Security** (**INFOSEC**) **Professional**. He has delivered and presented innumerable training courses and workshops worldwide.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the workshop for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Overview of Disaster Recovery*** *Definitions and Concepts •Importance and Implications for IT*
0930 – 0945	*Break*
0945 – 1030	***Identifying Critical IT Systems & Processes*** *Assessment and Prioritization • Dependency Mapping*
1030 – 1130	***Risk Assessment & Management*** *Identifying and Evaluating Risks • Mitigation Strategies*
1130 – 1215	***Establishing Recovery Objectives*** *Recovery Time Objectives (RTO) • Recovery Point Objectives (RPO)*
1215 – 1230	*Break*
1230 – 1330	***Legal & Compliance Considerations*** *Understanding Regulatory Requirements • Ensuring Compliance*
1330 – 1420	***Interactive Workshop: Critical IT Systems Identification*** *Practical Exercise on Identifying and Prioritizing IT Systems • Group Discussions and Feedback*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day One*

Day 2

0730 – 0830	***Development of Disaster Recovery Plans*** *Components and Structure • Integration with Business Continuity Plans*
0830 – 0930	***Data Backup & Recovery Strategies*** *Backup Solutions and Technologies • Data Restoration Processes*
0930 – 0945	*Break*
0945 – 1100	***Resource Allocation & Management*** *Identifying Required Resources • Efficient Allocation and Management*
1100 – 1215	***Communication & Stakeholder Management*** *Developing Communication Protocols • Managing Internal and External Stakeholders*
1215 – 1230	*Break*
1230 – 1330	***Vendor & Third-Party Management*** *Assessing and Managing Vendor Risks • Establishing Vendor Coordination Protocols*
1330 – 1420	***Scenario-Based Exercise: DR Plan Development*** *Creating a Tailored DR Plan • Peer Review and Feedback*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Two*

Day 3

0730 – 0830	***Implementing Disaster Recovery Plans*** *Execution Strategies • Overcoming Implementation Challenges*
0830 – 0930	***Training & Awareness Programs*** *Developing and Delivering Training Sessions • Raising DR Awareness among IT Staff*
0930 – 0945	*Break*
0945 – 1100	***Conducting DR Drills & Exercises*** *Designing and Executing DR Tests • Evaluating and Improving DR Plans*
1100 – 1215	***Incident Management & Response*** *Developing Incident Response Protocols • Coordinating and Managing Incidents*
1215 – 1230	*Break*
1230 – 1330	***Application & Infrastructure Recovery*** *Strategies for Application Restoration • Infrastructure Recovery Techniques*
1330 – 1420	***Simulation Exercise: DR Plan Execution*** *Participating in a Mock DR Scenario • Evaluating Execution and Identifying Areas for Improvement*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Three*

Day 4

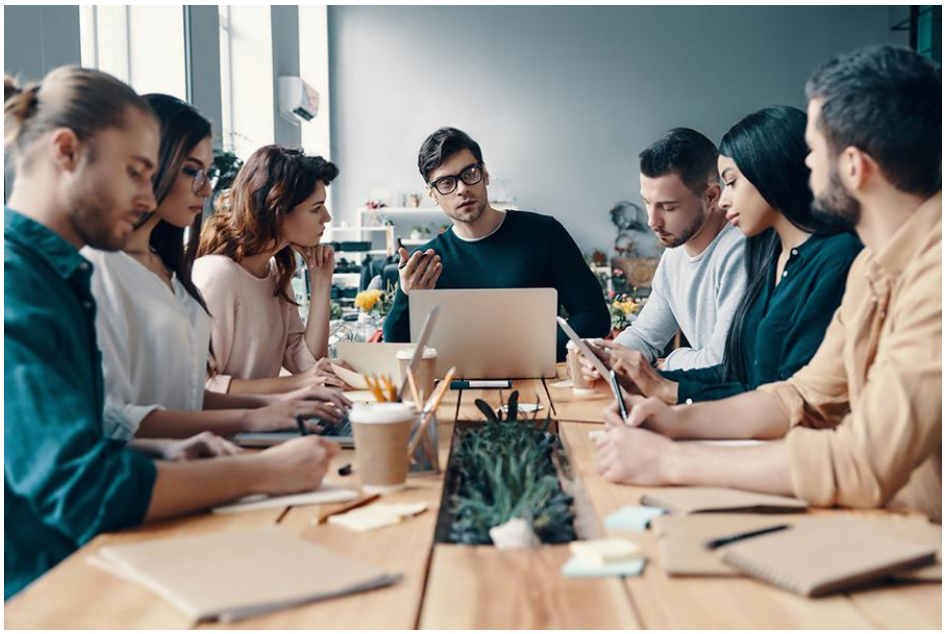
0730 – 0830	***Cloud-Based Disaster Recovery Solutions*** *Leveraging Cloud Services for DR • Evaluating Cloud DR Solutions*
0830 – 0930	***Advanced Data Restoration Techniques*** *Emerging Technologies in Data Recovery • Best Practices in Data Restoration*
0930 – 0945	*Break*
0945 – 1100	***Cybersecurity Considerations in DR*** *Managing Cyber Risks during Disasters • Integrating Cybersecurity Measures in DR Plans*
1100 – 1215	***IT Service Continuity Management*** *Ensuring Continuous IT Service Delivery • Integrating ITSCM in DR Planning*
1215 – 1230	*Break*
1230 – 1330	***Innovative DR Solutions & Technologies*** *Exploring New and Emerging DR Solutions • Assessing and Implementing Innovative DR Technologies*
1330 – 1420	***Panel Discussion: Advanced DR Strategies*** *Sharing Insights and Experiences • Discussing Advanced DR Approaches and Technologies*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Four*

Day 5

0730 – 0830	***Post-Implementation Review & Analysis*** *Evaluating the Effectiveness of Implemented DR Plans • Identifying Areas for Enhancement*
0830 – 0930	***Continuous Improvement in DR Planning*** *Updating and Optimizing DR Plans • Learning from DR Exercises and Actual Incidents*
0930 – 0945	*Break*
0945 – 1100	***Developing a Resilient IT Culture*** *Fostering a Proactive and Prepared Mindset in IT • Embedding DR Principles into IT Operations*
1100 – 1230	***Future Trends in Disaster Recovery*** *Anticipating Developments in DR Technologies and Strategies • Preparing for Future DR Challenges*
1230 – 1245	*Break*
1245 – 1345	***Final Review & Action Planning*** *Summarizing Key Learnings • Developing Individual and Organizational Action Plans*
1345 – 1400	***Course Conclusion*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course*
1400 – 1415	***POST-TEST***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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