



MINISTRY OF HUMAN RESOURCES



HUMAN RESOURCE DEVELOPMENT CORPORATION

HRD CORP CLAIMABLE COURSES: COURSE VERIFICATION

Applicable only for Focus Area and Industry Specific Courses

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Overview

- In line with the HRD Corp Allowable Cost Matrix (ACM) implementation, the training courses under the Industry Specific (IS) and Focus Area (FA) category will be channeled to the Industry Experts appointed by HRD Corp for review and evaluation, prior to Course Registration.
- Thus, the course verification process by the Industry Experts are crucial for HRD Corp to ensure the quality and objective of the IS and FA courses are well aligned with the course content, as well as meet the industry needs and current trends.



Focus Area Courses

HRD Corp Focus Area Courses are related directly to supporting Government initiatives towards nation building, based on the nine (9) priority areas stated in the table attached.

As such, the courses offered under the HRD Corp Focus Areas are expected to equip the workforce with the skills required for the jobs of today and those of tomorrow. Details of the focus areas are as follows:-



No	HRD Corp Focus Area	Definition/Description
1.	Industry 4.0	<p>Industry 4.0 involves the integration of data, artificial intelligence, machinery and communication to create an efficient industrial ecosystem that is not just automated but intelligent.</p> <p>Overview of Industry 4.0 on technologies and impact on manufacturing as below:-</p> <ol style="list-style-type: none"> 1. Additive Manufacturing 2. Artificial Intelligence (AI) 3. Big Data Analytics 4. Advance Materials 5. Cybersecurity 6. Simulation 7. Cloud Computing 8. Augmented Reality 9. Internet of Thing (IoT) 10. Autonomous Robots 11. System Integration <p>Source : Industry 4WRD: National Policy on Industry 4.0 by MITI</p> <p>Courses on modern and smart technology for the purpose of automating manufacturing and industrial processes.</p> <p>Example of courses:-</p> <ul style="list-style-type: none"> • Internet of Things: Business Implications and Opportunities • Decision-Making for Autonomous Systems • Robotic Process Automation • Smart Factory



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2.	Green Technology / Renewable Energy	<p>Green technology is termed as sustainable technology that takes into account the long-term and short-term impact something has on the environment.</p> <p>Renewable energy is made from resources that nature will replace, for example wind, water and solar energy. Renewable energy is also called "clean energy" or "green power" because it doesn't pollute the air or the water.</p> <p>Courses on the use of green technology/renewable energy to produce goods or services that is more environmentally friendly.</p> <p>Example of courses:-</p> <ul style="list-style-type: none"> • Water and Wastewater Treatment Engineering: Biochemical Technology • Waste-to-Energy Fundamentals • Drinking Water Treatment Process & Water Quality Analysis with Competency Test • Municipal Solid Waste Management



No	HRD Corp Focus Area	Definition/Description
3.	FinTech	<p>Financial Technology (FinTech) refers to use of technology or integration of technology into financial services to improve offerings from the financial industry.</p> <p>Courses on the use of technological innovations that make the financial industry more user-friendly, attractive, productive and efficient.</p> <p>Example of courses</p> <ul style="list-style-type: none"> • FinTech: The Future of Money, Markets and Banking • Challengers and Incumbents at a Crossroad: Forging a Digital Banking Future • IoT and APIs in the Financial Industry • FinTech Ethics and Risks



No	HRD Corp Focus Area	Definition/Description
4.	Smart Construction	<p>Smart construction encompasses building design, construction and operation that makes full use of digital technologies and industrialised manufacturing techniques to improve productivity, minimise whole life cost, improve sustainability and maximise user benefits.</p> <p>Courses that use advance technologies to enhance the construction industry in Malaysia.</p> <p>Example of courses</p> <ul style="list-style-type: none"> • Drones for Construction and Inspection • Building Information Modeling (BIM) Implementation Training Course • Training on Smart Cities Construction • Sustainable of Construction and Development



No	HRD Corp Focus Area	Definition/Description
5.	Smart Farming	<p>Smart farming is an emerging concept that refers to managing farms using technologies like IoT, robotics, drones and Artificial Intelligence (AI) to increase the quantity and quality of products while optimising the human labour required for the production.</p> <p>Courses that support the adoption of latest technology into agricultural industry.</p> <p>Example of courses:</p> <ul style="list-style-type: none"> • Sustainable and Smart Farming using Cutting Edge Technologies and IoT • Precision Farming and Climate Smart Agriculture • Drones for Agriculture: Prepare and Design Your Drone (UAV) Mission • Data Analytics and Agricultural Intelligence



No	HRD Corp Focus Area	Definition/Description
6.	Aerospace industry	<p>Aerospace activity is very diverse, with a multitude of commercial, industrial and military applications. Aerospace engineering consists of aeronautics and astronautics. Aerospace organisations involved in research, design, manufacture, operate, or maintain aircraft and spacecraft.</p> <p>Course related to research, development and manufacturing of flight vehicles.</p> <p>Example of courses</p> <ul style="list-style-type: none"> • Digitalisation in the Aerospace Industry • Introduction to Aeronautical Engineering • Airborne Radar • Aerospace Electronic Engineering



No	HRD Corp Focus Area	Definition/Description
7.	Blockchain	<p>Blockchain refers to how the data are stored in "blocks" of information and then linked together in a permanent "chain." When a new block is added to the chain, it makes the previous blocks even harder to modify, which helps each block become more and more secure over time.</p> <p>Courses that will assist in understanding and implementation of block chain technology in employers' operation.</p> <p>Example of courses</p> <ul style="list-style-type: none"> • Blockchain and Data Privacy Masterclass • Apache Hadoop Big Data Training • Blockchain for Business Application and Strategy • Blockchain and Smart Contract Security



No	HRD Corp Focus Area	Definition/Description
8.	Micro Credential	<p>Courses that are recognised by Jabatan Pembangunan Kemahiran (JPK), Malaysian Qualifications Agency (MQA) or other approved accreditation bodies; and are registered with HRD Corp as micro credential courses.</p> <p>Example of courses</p> <ul style="list-style-type: none"> • Agile Leadership and Management • Applications of Blockchain



No	HRD Corp Focus Area	Definition/Description
9.	Future Technology	<p>5 biggest future technology trends that Malaysian employers should embrace are:</p> <ol style="list-style-type: none"> i. 5G & above and Enhanced Connectivity ii. Artificial Intelligence (AI) iii. The As-A-Service Revolution iv. Robotic, Drones and Vehicle Automation v. Extended Reality (EX) – Virtual and Augmented Reality (VR/MR) <p>Courses that support the adoption and implementation of future technologies in Malaysia and not specifically covered under other focus areas stated above.</p> <p>Example of courses</p> <ul style="list-style-type: none"> • Adoption of 6G and above technologies • Artificial Intelligence in Healthcare • Space Tourism • 3D Printed Food • Working in Virtual Reality



Industry Specific Courses

Industry Specific courses are training courses designed to provide targeted training and skills development tailored to the needs of a particular industry. These courses focus on the specific knowledge, techniques, and tools relevant to the industry, ensuring that participants are well-prepared to meet industry standards and requirements. Courses under this category are NOT certification courses but demanded by the specific industry.

Key criteria of industry specific courses include:

❑ Specialised Course Content

The course content is tailored to address the unique challenges, technologies, and practices of one specific industry.

❑ Expert Instruction

Courses are often led by industry professionals with extensive experience and up-to-date knowledge in their field of expertise or industry they belong to.

❑ Updated Content

Course content must be updated timely with the latest version and in line with the technological advancements and current industry trends.



Course Verification Process Flow



Course submission

- Course template to be downloaded from HRD Corp portal.
- Course template to be filled with the required course information.
- Completed course template attached with relevant supporting documents to be submitted to official HRD Corp's portal.

1



Course evaluation

- Course template and the supporting documents will be verified and evaluated in depth based on the evaluation criteria set, in terms of course structure and content by the Industry Expert, based on the given criteria and guideline.

3



Result notification

Recommendation for Course Approval:

- Course verification team will issue acknowledgement letter to TP respectively to proceed with course registration in e-TRIS.
- The acknowledgement letter is a compulsory attachment to be uploaded in e-TRIS for course registration.

5



Information review

- Course verification team will receive and review the course template for detailed info and documents.
- COMPLETE submission will be assigned to the relevant Industry Expert appointed by HRD Corp.
- INCOMPLETE submission will be returned to TP by the Course Verification team to request for further information.

2



Evaluation feedback

Recommendation for Course Improvement:

- Course verification team will communicate the details of the course improvement to the TP, respectively.
- TP to resubmit the amended course template and supporting documents to Course verification team within ten (10) working days.

4

Note:

Training provider may receive feedback from HRD Corp within **10 working days**.

Course Evaluation Criteria

The course module demonstrates depth and relevance, aligning with the Course Learning Outcomes (CLOs) and effectively justifying the importance of the specified industry or focus area.

The course title should appropriately reflect the entire course content and align with the course learning outcomes (CLOs)

The CLO(s) should clearly outline the expected learning outcomes, competencies, or values that participants are anticipated to acquire upon completing the course.

The course able to enhance participants' knowledge, addressing and bridging the existing gap in the specified industry or focus area.

The course content aligns with the latest trends, technologies, and specific needs of the targeted industry or focus area.

Supporting document to indicate course demand by respective industries is an added advantage.

Seminar and conference type of programmes are NOT applicable.



Course Template User Guide

- Course template can be downloaded from HRD Corp's portal via this link:
<https://hrdcorp.gov.my/program-registration-hrd-corp-claimable-course>

COURSE TEMPLATE

Application Details

*Category	
*Focus Area/Industry	
*Sector	

Course Details

*Course Name	
*Course Overview	*Course Objective
*Target Group (By destination)	Minimum Training Requirement

> **Form** **Sample** Evaluation +

Accessibility: Investigate

- Sample tab is provided as reference for training providers to fill in the form.
- Evaluation tab is only applicable for Industry Expert.

Contact Us

Focus Area & Industry Specific Course Verification:
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Grant application, Claim application
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HRDCORP
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THANK YOU.