Dear Teachers, the Huawei **TTT Training on Academic Courses** for Trainers is about to begin!

⏰ Time:

NO.	Technical Direction	Class Name	Start Date To End Date	Start Time To End Time
1	AI	**Artificial Intelligence Fundamentals**	**18 ~ 19 November**	14:00-17:00 18:00-21:00 (UTC+8, Beijing Time)
2	openGauss	**openGauss Database Technology and Applications**	**23 ~ 24 November**	
3	Datacom	**Computer Networks**	**1 ~ 2 December**	
4	openEuler	**Deployment and Maintenance of the openEuler Operating System**	**9 ~ 10 December**	
5	AI	**Artificial Intelligence: Principles and Applications**	**16 ~ 17 December**	
6	Datacom	**Network Architecture and Technical Practices**	**21 ~ 22 December**	

Training certificate

Participants who complete the final exam will be awarded an official Huawei training certificate.

How to sign up

If you are interested in this training course, you can sign up via the following training link: **https://e.huawei.com/en/talent/#/personal/myclass/list** . First, enter the corresponding invitation code in the **"Enter Class Invitation Code"** text box , which can be found in the table below. Then, click **"Join"** and enter your company name in **"My Organization."** After your application is approved, you will receive an email reminding you to join the class.

NO.	Class Name	Class Invitation Code	Registration Deadline	Pre-study entry link
1	Artificial Intelligence Fundamentals	**1102TDAH**	17 November	Link
2	openGauss Database Technology and Applications	**1102FLKT**	22 November	Link
3	Computer Networks	**1102RWML**	30 November	Link
4	Deployment and Maintenance of the openEuler Operating System	**1102XJVP**	8 December	Link
5	Artificial Intelligence: Principles and Applications	**1102BSGW**	15 December	Link
6	Network Architecture and Technical Practices	**1102LZLO**	20 December	Link

Reminder:

Trainers are advised to register as ICT Academy teachers. After the training, teachers are advised to set up classes to tutor students.

- Please complete the corresponding empowerment courses for the relevant technical direction in advance to ensure the effectiveness of the training.
- Please use your real name for registration or logging in, and a training certificate will be issued according to the provided name.

Six training sessions invitation below

Session 1: Artificial Intelligence Fundamentals

Training Program	Start Date To End Date
AI General Education Curriculum System and Teaching Practice at Zhejiang University Basics Module Teaching Practice	**18 Nov**
Machine Learning Module Teaching Practice Deep Learning Module Teaching Practice LLM Module Teaching Practice	**19 Nov**

About this course

This is a practice-oriented general AI course built upon a systematic theoretical foundation. Through **rich labs and projects**, it guides you from scratch to build AI systems, enabling true comprehension and application of the knowledge.

Instructor Introduction



Chen Jianhai, Associate Professor

He is an associate professor and doctoral tutor of Zhejiang University, serves as Director of the Basic Teaching Center, School of Computer Science, and leads the *AI General Education curriculum* team. He is also Director of the Intelligent Computing & Systems Laboratory and the ZJU Supercomputing Competition Base, a visiting scholar at Swinburne University of Technology, Australia, and a member of IEEE/ACM/CCF.

He guided the competition and won more than 50 honors of various teaching achievement awards. He has completed more than 20 national provincial and ministerial key research and development programs and enterprise cooperation projects, and is presiding over 1 provincial vanguard key research and development program project. He has published more than 30 papers in CCF-A and other high-level conference journals, and has authorized more than 40 invention patents.

Session 2: openGauss Database Technology and Applications

Training Program	Start Date To End Date
Getting Started with openGauss and Architecture Deployment on openEuler Connection and Authentication Database Object Management Data Query Basics and Advanced SQL Programming	**23 Nov**
Database Security: User, Role, and Schema Management Database Permission Management Database Backup and Recovery Database Performance Tuning and Other Extensions	**24 Nov**

About this course

This course is designed to introduce the fundamental usage of the openGauss database system. Tailored for database development engineers and Database Administrators (DBAs), this course serves as an essential starting point for mastering openGauss, laying a solid foundation for advanced learning and practical application in real-world scenarios.

Instructor Introduction



He Ning, Senior Big Data Analyst

Head of Big Data Technology Major at Changzhou Vocational University of Information Technology. She holds a master's degree from Fudan University and conducted PhD research at Waseda University, Japan. Deeply engaged in big data teaching and industry-academia-research applications.

She has presided over provincial and ministerial research projects, participated in developing the 1+X Big Data Certificate standards, and served as chief editor for core textbooks including Data Visualization Technology and Application and Introduction to Big Data, as well as co-editor of *openGauss Database Technology and Application*. She has rich teaching and practical experience, and has coached students to win the National First Prize in the BRICS Blockchain Competition and multiple Second Prizes in Jiangsu Provincial Big Data Skills Competition.

Session 3: Computer Networks

Training Program	Start Date To End Date
Course Introduction & Syllabus: Computer Networks VLAN & Trunk STP / Single-Area OSPF / Multi-Area OSPF	**1 Dec**
ACL / NAT / WLAN and CAPWAP / Layer 2 Side-by-Side Deployment	**2 Dec**

About this course

Computer Networks is an important core course for undergraduate and college students majoring in computer and electronic information fields. This course is grounded in the talent requirements of computer networking. It adheres to the fundamental principles of developing students' professional competencies, and scientifically designs the skills learning roadmap and experimental projects. In addition, students will lay a solid foundation for further learning.

Instructor Introduction



Li Yingying, Associate Professor

She is an Associate Professor at Shenzhen Polytechnic University. She received her Master's degree in Information Engineering from Tianjin University, China, and was a visiting scholar at Clemson University, USA.

She is a recipient of the title "National Technical Expert" (2023) and "Shenzhen Skilled Elite" (2021), and has taught Huawei Datacom technologies for more than ten years. She won the Grand Prize at the Huawei ICT Competition 2024–2025 Global Final and holds the Huawei HCIA-Cloud Computing Certificate, the Huawei HCIA-HarmonyOS Application Developer Certificate, and is a Huawei Certified Academy Instructor. Over the past five years, at the invitation of the Shenzhen Association for Promoting International Economic & Technological Cooperation, she has conducted nearly 60 international training sessions, covering topics such as Smart City and related technologies, Digital Transformation, and 5G Bearer Networks.

Session 4: Deployment and Maintenance of the openEuler Operating System

Training Program	Start Date To End Date
Installation and management of openEuler operating system Configuration of openEuler operating system service	**9 Dec**
Business System Deployment and Performance Testing System Data Processing and Intelligent Classification Time Series Data Processing and Intelligent Forecasting	**10 Dec**

About this course

This is a core course for these students in these majors like computer science, cloud computing, and so on. Its main aims are to teach all the students to master these abilities such as how to install and manage the openEuler operating system, how to deploy and test finance business system, how to upload the finance business system to Huawei cloud, and how to process and intelligently classify the user information in finance business system.

Instructor Introduction



Yang Yongpeng, Associate Professor

PhD from Nanjing University of Posts and Telecommunications, , Associate Professor and Engineer at Nanjing Vocational College of Information Technology .

He has presided over projects including NSFC, MIIT, Jiangsu Provincial Higher Education Natural Science Foundation, National-Local Joint Engineering Research Center of Communications and Network Technology, MOE Key Lab open funds and Jiangsu Postgraduate Innovation Programs. He has published over 30 SCI papers and holds more than 40 invention patents. In teaching, he leads multiple national and provincial education initiatives, and is the course lead and instructor for *Deployment and Maintenance of the openEuler Operating System*.

Session 5: Artificial Intelligence: Principles and Applications

Training Program	Start Date To End Date
Surviving the Winter: An Overview of AI Thinking Building the Heavy Hitters: From ELIZA toDeepSeek Algorithm is King: From Transformer toViT Data as the Foundation: From MNIST to ImageNet Oracle Bone Script Recognition Based on Convolutional Neural Networks Industrial PCB Defect Detection Based on YOLO Sentiment Classification Based on Recurrent Neural Networks	**16 Dec**
Hardware-Software Synergy: From AI Hardware to AI Systems Filling the Gaps: CNN, RNN, GAN and Other Chapters Cartoon Avatar Generation Based on GAN Language Translation Application Based on Transformer Fine-tuning of DeepSeek Large Language Models Sharing on Teaching Integration and Course Offering Practice	**17 Dec**

About this course

Developed with industry-education integration, it aims to build students' AI thinking and practical skills. Using case and problem-driven learning, it covers classic AI concepts, deep learning frameworks, cutting-edge large-model technologies, and AI software-hardware co-optimization.

Instructor Introduction



Su Tonghua, Professor

He is tenured professor and deputy director of Faculty of Computing at Harbin Institute of Technology. His primary focus lies in addressing next-generation artificial intelligence scientific issues. Leveraging core technologies such as deep learning and heterogeneous computing.

He leads over 30 national projects, with 19 authored/translated books and 90+ papers in TNNLS, Pattern Recognition, CVPR, ICCV, AAAI. He holds a provincial second prize for scientific and technological progress. He pioneered handwritten Chinese text research and created the HIT-MW corpus, adopted by 200+ institutions globally. His Springer monograph is the first English book on handwritten Chinese text recognition, and he has won two world championships in this field. He is an Outstanding Teacher of the "Smart Base" Initiative (MOE & Huawei), one of Huawei's 14 national MVPs and 18 global Most Valuable Teachers. He serves on the Ascend CANN Technical Steering Committee and MindSpore Technical Governance Committee.

Session 6: Network Architecture and Technical Practices

Training Program	Start Date To End Date
Campus Switching Network Deployment Teaching Practice(VLAN/MSTP/LACP) IPv6 Dual-Stack Network Deployment Teaching Practice	**21 Dec**
IPv6 Routing Module Teaching Practice VRRP6 Module Teaching Practice	**22 Dec**

About this course

It is suitable for network architecture construction and operations courses in majors such as computer network technology, network engineering technology, and IoT application technology. It closely follows policies such as the Opinions on Deepening the Reform of Modern Vocational Education System Construction, and aligns with the core work scenarios of network engineers, system integration engineers, and other positions.

Instructor Introduction



Liu Yi, Associate Professor

She is an Associate Professor at Beijing Information Technology College.

Renowned vocational education teacher in Beijing

She won the third prize in the National Teaching Ability Competition, the first prize in the National Information Technology Teaching Ability Competition, and the first prize three times in Beijing Vocational College Teaching Ability Competition. She served as an expert several times in the secondary vocational college events of the National Vocational College Skills Competition.