Deepen the cooperation between TVET and enterprises in the integration of production and education Promote the high-quality development of vocational education







"Symbiotic" between Qualification and Curriculum

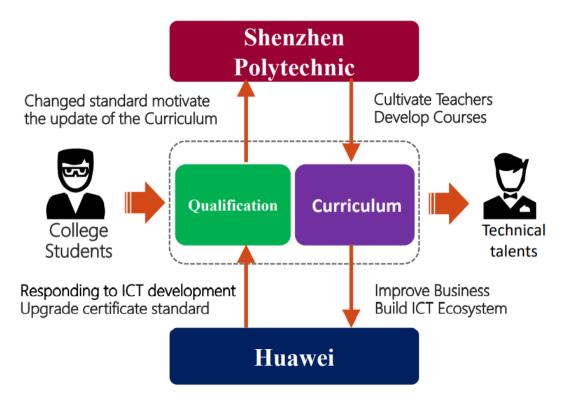
• Course development and certificate standards "inter-embedded"

Grasping the two key points of school curriculum and enterprise certification, taking the quality of talent training as the core, this paper integrates the training and certification of on-the-job engineers into the process of talent training in higher vocational colleges, and constructs a program suitable for zero-based college students.

• Course upgrade and certificate upgrade "interaction"

With the development of industrial technology, the certification standards of enterprises are keeping upgraded. The curriculum is keeping updated too, and fed back to the certification system, and the successful experience is radiated to other higher vocational colleges in China.



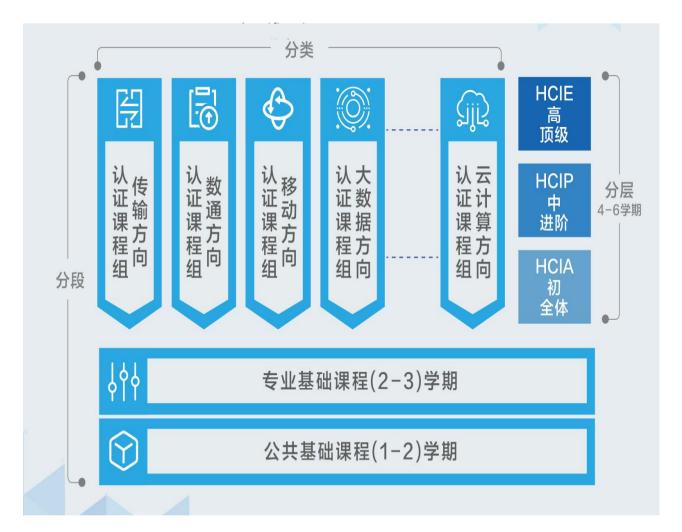


Curricula and qualification grow up together Produce market oriented graduates





Constructed the modularity curriculum system



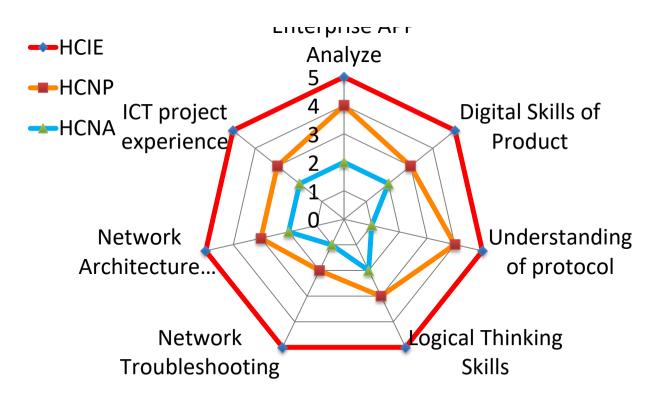
Modular, wide-base, and multi-directional

- "Segmentation" embodies the law of education and teaching
- "Classification" embodies the law of teaching according to the material
- "Latification" reflects the law of career growth

Progressive cultivation and individualized learning



A capability model is established - comprehensive technical capability.



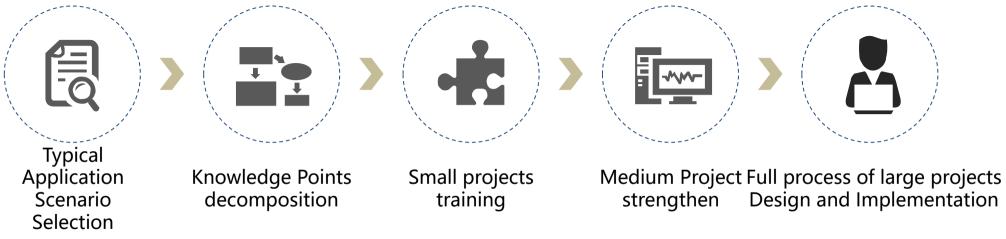


- Integration of talent cultivation and international first-class Huawei certification standards
- Introducing advanced technology and excellent culture of enterprises, and establishing the training mode of "Seven-dimensional ability"
- Reinforcing Hard Skills
- Focus on soft skills: engineering standards,
 documentation capability, professional ethics,
 communication, teamwork, social responsibility,
 and self-improvement
- Cultivating the Industrial Talents of Morality and Technology





"Five-Step Teaching Method" was created.



"Five-step teaching method" makes students' knowledge and skills from fragmentation to systematization through practical project teaching, and improves students' comprehensive application ability and project management ability.





6

Cooperate to publish Huawei 1+X certificate series teaching materials.









High-standard smart classrooms are built.







High-level training environment has been built.

- 3 training bases supported by the central finance:
- Communication Technology
- computer network technology
- IoT application technology





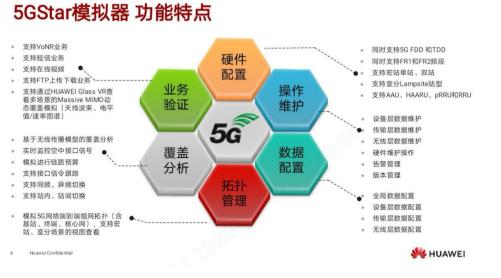


High-level training environment has been built.

Typical 5G Application Scenarios







9



Builds a service platform for technological skill innovation

Year	Name of Research Institution	Level	Project initiation and funding department
2018	Guangdong Industrial Internet of Things Control Technology Engineering Laboratory	Provin cial level	Guangdong National Development and Reform Commission
2015	Guangdong Magnesite Smelting Industry Internet of Things Engineering Technology Research Center	Provin cial	Guangdong Science and Technology Department
2014	Guangdong Information Communication Collaborative Education Platform	Provin cial	Guangdong Provincial Department of Education
2017	Industrial Internet of Things Heterogeneous Network Control Technology Engineering Laboratory	Munici pal level	Shenzhen National Development and Reform Commission (RMB 4.4 million)
2016	Shenzhen Smart Life Creator Service Platform	Munici pal level	Shenzhen Science and Technology Commission (RMB 2 million)
2014	Shenzhen Cultural Venue Digital Technology Engineeri ng Gaberaevel scientific research p	Munici pal Mojeto	Shenzhen National Development and CtReform Commission (3.6 million yuan)



Significant technical R&D and service results

- National Natural Science Foundation of China 10
 + items
- 2 "Internet of Things" projects of the Ministry of Industry and information technology of China
- > 1 major sub-topic of the national "863"

- > 150+ technical service items
- Payment received: RMB 70 million
- 280+ patent and software authorships
- > 300+ papers





Cultivated a high-level faculty





Special allowance expert of the State Council 3 leading national talents Pearl River Scholars 3 famous teachers in provincial teaching 3 provincial teaching teams





City Peacock Program Talent 5 outstanding teachers in the city Municipal Labor Medal 3 advanced educators in the city City technical master Market Skill Elite

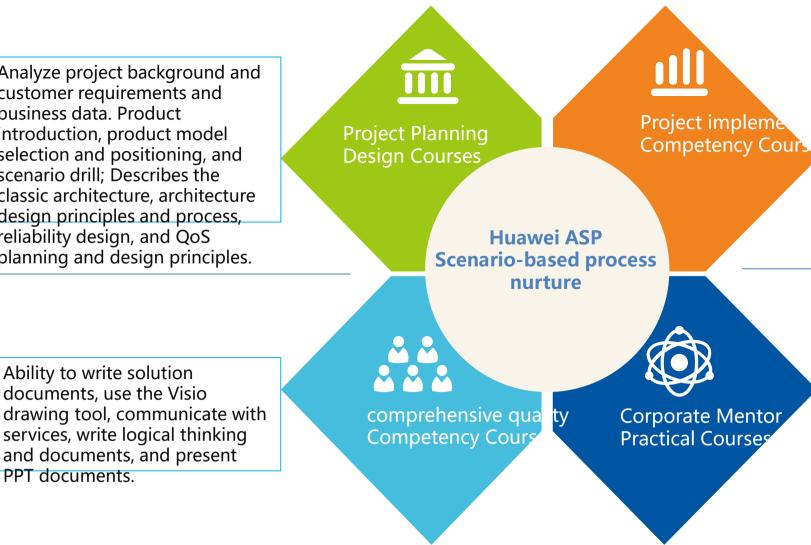






Cultivating industry engineers

Analyze project background and customer requirements and business data. Product introduction, product model selection and positioning, and scenario drill: Describes the classic architecture, architecture design principles and process, reliability design, and QoS planning and design principles.



Overview of common technologies, application technologies, equipment management, and tools; ASP service specifications, project delivery process specifications, high-risk operation process specifications, and engineer service specifications; ASP fault diagnosis and troubleshooting standards, equipment operation and ASP face evaluation skills; Typical cases, comprehensive capability test, and on-site visits and drills.

Arrange for enterprise ASP practice training, enterprise mentor system, learn Huawei culture, work order maintenance process specifications, patrol inspection process specifications, high-risk operation process, follow the project team to conduct project survey, solution design, implementation, network test, and situation report, and follow the project team to build the project platform and business. Release and test, accept, output project summary, develop PPT for network evaluation





Leading national talent development for top certification

- 276 college students passed Huawei HCIE, accounting for nearly 2% of the global HCIE.
- 152 graduates of the class of 2019
 - 2021 passed HCIE
- 15% + Majors pass HCIE





Motivation:Everyone is talented and everyone is brilliant

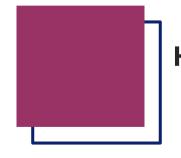
- By means of successful motivation, guidance of interest, group training and simulation experience, students' learning confidence is established, and they can help them achieve the leap of "low-in-high".
- Help students become Huawei certified
 engineers, achieve high-quality employment,
 enable them to gain the experience of "step by-step" and solve the problem of learning
 motivation.











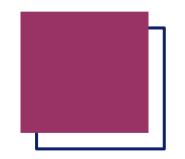
Huawei ICT Competition is an effective measure to promote students' innovation



students)





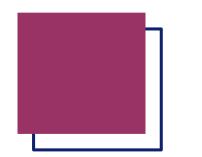


Huawei Campus Recruitment - Shenzhen Vocational and Technical College





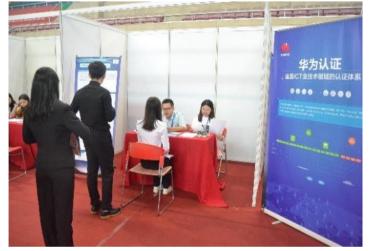


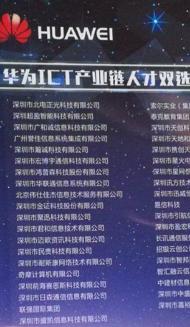




Huawei ICT Industry Job Fair Meeting







索尔实业(集团)有限公司 北古教育集团 深圳市天创科智科技有限公司 深圳市天地和网络有限公司 深圳市機创天成科技有限公司 深圳市星火电子工程公司 深圳市星网信通科技有限公司 深圳讯方技术股份有限公司广州办 深圳市迅威恒达科技有限公司 深圳市引航信息技术有限公司 漫圳市杂宏科技发展有限公司 长讯通信服务有限公司 招银云创公司 深圳市智邦嘉通信设备有限公司 般汇融云信息技术(深圳)有限公司 由建材信息技术股份有限公司 深圳市中盛瑞达科技有限公司 深圳市嘉裕泰科技有限公司







Some Experiences





- Intrinsic demand" is a prerequisite
- Cultural Blending" is the foundation
- "Course System" is the content
- graduate quality" is at the core
- strong cooperation" is the guarantee