Title: Practices and Cases of Training Excellent Engineering Master in National University of Defense Technology

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Abstract: As a symbol of China’s modern national defense technology, National University of Defense Technology has great influence in engineering talent training, scientific research, serving for the military modernization and etc. NUDT has played an significant role in manned spaceflight as well as other major science and technology projects, and developed “Tianhe-2” which gained No 1 supercomputer title in 2013. The paper starts with an introduction of military continuing engineering education system in NUDT, including engineering master training, short-term high-level professional and technical cadres training, and thematic continuing engineering education. Then, in the second part the paper describes the objectives, ideas and teaching content system of excellent engineering master training in NUDT, especially in aerospace engineering, computer science and technology,
electronics and communication engineering areas. Last but not the least, the paper analyzes authentic cases of excellent engineering master's training. In 2005, 13 engineering master's degree recipients of NUDT won the first "Award for Engineering Master's Degree Recipients Who have Made Outstanding Contributions". The number of winners was the second highest among all the colleges and universities in China. This part concludes the experiences and characteristics of NUDT's engineering master's training, looks forward the prospective of excellent engineering master's training, and presents some suggestions.