MEAU CNC Programming Certification Program

In addition to MEAU's CNC Maintenance Certification Program and individual CNC, PLC and Robot classes which are offered weekly, MEAU offers Certification credentials in CNC Operations and Programming. Based on three distinct levels, students can become proficient and well-rounded in how to program machining centers (mills) and turning centers (lathes). The MEAU CNC Programming Certification Program is geared towards students who are new to CNC Machining, CNC Operators, CNC Programmers, and Machine Setup employees who wish to obtain industry-recognized credentials that will last a lifetime. Operations & Program employees have the opportunity to select and purchase one of three certification packages through Mitsubishi University and **Diamond*works!*** – MEAUB, MEAUA, or MEAUP certification. MEAUB and MEAUA certification are offered through **Diamond*works!*** and MEAUP is offered through Mitsubishi University.

MEAUB certification is designed for the student who has no machining or CNC experience and is considered a "**Beginner**" in his or her quest to learn CNC Programming. The Beginner's curriculum is designed to provide an introduction to CNC Systems, an introduction to Machining, and an introduction to Programming in general. When the Beginner's certification is selected, the courses contained therein will provide a comprehensive overview of the basic principles of G-code programming, conversational programming and machine setup.

MEAUA certification is designed for the individual with limited experience who is seeking to become a CNC "**Apprentice**". This level of certification and the associated curriculum include courses from the Beginner's certification, and it transcends into other, more advanced areas of CNC Programming. Students who choose to purchase this package will become well-rounded as a beginner to CNC Programming, but the curriculum still requires hands-on support from a qualified and experienced CNC Programmer. Apprentice students will gain knowledge in how to write a program and operate a CNC machine, but they must work together with a professional.

MEAUP certification is designed for the student who has prior CNC experience who seeks to become a CNC "**Programmer**". The student who achieves Programmer status through Mitsubishi University has gone through a nine-course curriculum and taken the highest track in becoming a seasoned CNC machining specialist. In pursuing the "Programmer" curriculum, a student will achieve the highest rating awarded by MEAU. Whether it is learning about Parametric Programming, CNC PLC Programming, or Multi-System CNCs, students who enroll and complete the MEAUP curriculum will become Certified CNC Programmers.

Each level of certification affirms to the student, their school, or their company that they have completed a very robust set of curricula, and they have received an industry-recognized distinction which is both noteworthy and respected. Currently, MEAU offers two ways to achieve MEAUB, MEAUA, or MEAUP certification – 1) by purchasing individual classes or 2) by purchasing the various bundle packages described herein. For more information about pricing and availability of these offers, please visit our registration page at https://us.mitsubishielectric.com/fa/en/support/training/topics/computerized-numerical-controls/certification-programs.