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**22478VIC Diploma of Engineering Technology – Mechatronics**

**AUSTRALIAN QUALIFICATION**

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| **Course** | **22478VIC – Diploma of Engineering Technology – Mechatronics** |
| Registered Training Organisation | Chisholm Institute  121 Stud Road  Dandenong, Victoria, Australia 3175  **RTO Registration No. 0260** |
| Chisholm Course Coordinator | International Projects  Email: [international.projects@chisholm.edu.au](mailto:international.projects@chisholm.edu.au) |
| Entry Requirements | 1. Successful completion of Year 12 2. Chisholm English Language ILETS Level 3.5 |
| Course Duration | Three years consisting of:   * Year 1 - English Language development * Years 2 and 3 - 22478VIC Diploma of Engineering Technology -Mechatronics |
| Method of Delivery | The course is full time delivered in class for 25 hours per week over 40 weeks per year. |
| Course Overview | This course develops high-level engineering technician training in various streams including computer numerical control (CNC), computer aided drafting (CAD), computer aided manufacturing (CAM), fluid power, mechatronics, mechanical design and welding supervision. |
| Sample Units of Competency | The following units are an indication of units covered in the course:   * MEM09002B - Interpret technical drawing * MEM09009C - Create 2D drawings using computer aided design system * MEM13014A - Apply principles of occupational health and safety in the work environment * MEM16006A - Organise and communicate information * MEM16008A - Interact with computing technology * MEM18001C - Use hand tools * MEM22001A - Perform engineering activities * MEM22002A - Manage self in the engineering environment * MEM23004A - Apply technical mathematics * MEM23109A - Apply engineering mechanics principles * MEM30007A - Select common engineering materials * MEM30031A - Operate computer-aided design (CAD) system to produce basic drawing elements * VU21232 - Program, operate and select a robotics system * VU21270 - Implement control processes using PLCs * VU22451 - Investigate advanced technology applications in the manufacturing industry and related industries * VU22452 - Use communication network concepts and practices in manufacturing and engineering applications * VU22472 - Apply electrotechnology principles in an engineering work environment * VU22480 - Implement basic materials science principles to engineering applications * VU22499 - Apply hydraulic principles to achieve an engineering task * VU22505 - Write and modify basic CNC programs |
| Chisholm’s Obligations to you | Students are enrolled at Chisholm and Chisholm’s Training Partner Institute. This means that Chisholm will be responsible for the quality of the training and assessment. It also means that students are covered by Chisholm policies in the event that the Training Partner Institute ceases delivery of this course.  Upon graduation you will be awarded:   * Chisholm Institute English Certificate * Diploma of Engineering Technology – Mechatronics (22478VIC) * Aligned Diploma from your Training Partner Institute   Upon enrolment you will have access to:   * 22478VIC Course Guide with information about the course, units, assessment, learning resources, policies and coordinator details * A copy of the learning resources for the course such as textbooks, course workbooks manuals and any additional classroom handouts.   You will be advised by the Training Partner Institute of any additional materials and equipment that the student may need to provide for their training. |
| Grievances | Chisholm recognises that from time to time student grievances or complaints may occur on various matters.  The Chisholm Complaint Policy is designed to facilitate the equitable and speedy resolution of these grievances.  All students are entitled to fair and consistent treatment and prompt consideration and resolution of complaints. You can gain further information through your course coordinator or the Chisholm course coordinator.  See link below for Complaints and Appeals Policy |
| RPL | Chisholm has a policy to provide for the assessment and various types of learning undertaken by a student prior to enrolment at Chisholm.  This may include relevant work experience and other courses of study. This is known as Recognition of Prior Learning (RPL).  Students can gain further information from the Course Coordinators  See link below for RPL and Credit Transfer Policy |
| Chisholm Policies | Chisholm policies and procedures are available on the internet:  <https://qms.chisholm.edu.au/>  Some of the key policies relating to students are listed below: |
| |  |  | | --- | --- | | * Assessment of Learning-Vocational Education & Training ( VET) | QMS 111 | | * Privacy and Freedom of Information | QMS 301 | | * Copyright and Intellectual Property | QMS 302 | | * Student Complaints and Appeals | QMS 306 | | * Student Code of Conduct | QMS 117 | | * RPL and Credit Transfer and Recognition of Current Competency | QMS 107 | |
| Pathways | When students complete their course at Chisholm, it opens the door to further study at either Chisholm or another Australian Institution.  In some cases graduates will be eligible for credit transfer into aligned university programs upon the successful completion of the Chisholm Diploma.  Students can gain further information from the Course Coordinator |
| Fees | You will be advised of the fees, payment terms, conditions and refund policy for this course by our Training Partner Institute. |

