



2015

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PLASTICS-ITC incorporating **PARTEC**

1030 Cavendish Road, Mount Gravatt,
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Plastics TRAINING

**A Post-Trade
and
Diploma Level
Skill Set.**



"Plastics and Rubber Technical Education Centre"

TOOLING DESIGNER (TD - 1)

(Plastic Components and Moulding Tooling)

Enrolments accepted from January 12, 2015 until February 27, 2015.



Course Fee:

Part 1: \$360

Part 2: \$240

(Nationally Recognised Training is GST exempt)

Course Program: Learning texts will be provided on payment of Part 1, and completion of enrolment.

There will be a set program of home study and assignments built around sessions of guided practice at PARTEC.

These sessions will be held on Thursdays, with a daytime session from 10am, and also 6pm to 8pm in the evening, to suit local and country students.

The first tutorial will be held on February 26, 2015, and then by arrangement with students, approximately every three weeks until mid-year.

This high-level training is subsidised by the Queensland Government for the purpose of professional development in Queensland Industry.

TD-1

TOOLING DESIGNER

- Course Duration:** This course is in two (2) parts. The formal tutorials will be Thursday evenings 6:00 pm - 8:30 pm, and daytime 10:00 am - 3:00 pm.
- Who is the Course for:** This course is primarily for practising toolmakers, designers, and manufacturing engineers. Access to CAD facilities would help. Freehand design sketches are required to develop skills using our unique "RonRae" design-drawing system as a precursor to the creation of CAD files.
- Group Size:** The maximum group number is limited to twelve (12) students.
- Course Objective:** Students at base level or professional level will get a world-class outcome from learning and assessment provided by professional teachers. Including 200 pages of tutorial hand-out notes, graphics, actual components and tooling design case-studies. Adequate breaks between tutorials to allow time for students to complete their design assignments and home study.
- Course Program:**
- Chapters 1-8: A complete introduction to the design of moulds and plastic mouldings.
 - Chapters 9-11,13: The Mould-Design Brief, 1st design assignment, 2nd design assignment.
 - Chapters 14 & 15: The critical polymer and design issues for injection moulding.
 - Chapter 12 & Appendices 1-4: 3rd design assignment, large and complex tooling and mouldings, final exams, review of entire course.
- Course Co-ordinator:** Roger Cater
- Course Venue:** PARTEC, 1030 Cavendish Rd, Mt Gravatt Qld. (On the Mt. Gravatt Campus of TAFE Brisbane) in the Conference Room.
- Course Fee:** \$600. Nationally Recognised training is exempt from GST. Students will be able to pay in two (2) parts during the course.
- Assessment:** Written and oral exams, with a practical design assignments portfolio developed with tutorial assistance.
- Certificates:** National Competency Units included within this course include competencies from PMB07 and MEM05, the Training Packages for the Plastics, Manufacturing and Engineering industries.
- Registrations:** Online registrations can be completed by visiting:
www.partec.qld.edu.au
In the Plastic and Engineering Short Courses Menu
Tooling Design Courses
- Enquiries can be made via our 'Contact Us' web page or by calling (07) 3849 7878.