# Plastics/Composites Manufacturing Technology (PMT)

## FOUR CERTIFICATES OF ACHIEVEMENT ARE AVAILABLE

- COMPOSITE INSPECTION
- COMPOSITES MANUFACTURING
- PLASTICS MANUFACTURING
- PLASTIC/COMPOSITE TOOL DESIGN

#### **AA DEGREES ARE ALSO AVAILABLE**



## **COMPOSITE INSPECTION CERTIFICATE OF ACHIEVEMENT**

• PMT 51	Composites Fabrication (2.5 units)	Completed 🛚
<ul> <li>PMT 61</li> </ul>	Fiberglass Technology (2.5 units)	
<ul> <li>PMT 67</li> </ul>	Fiberglass Production (2.5 units)	
<ul> <li>PMT 68</li> </ul>	Plastics Materials and Processes (2.5 units)	
• ENGT 116	Blueprint Reading (2 units)	Completed 🗆
<ul> <li>ENGT 117</li> </ul>	Geometrical Dimensioning and Tolerancing (2 units)	Completed
• MTT 56	CNC Shop Inspection (2 units)	Completed 🗆
<ul> <li>MTT 68</li> </ul>	Computer-Assisted Inspection Using Verisurf (2 units)	Completed
• MFGT 54	Ultrasonic Level I Testing (1.5 units)	Completed 🗆

#### **TOTAL 19.5 UNITS**

#### COMPOSITES MANUFACTURING CERTIFICATE OF ACHIEVEMENT

<ul> <li>PMT 51</li> </ul>	Composites Fabrication (2.5 units)	Completed
<ul> <li>PMT 53</li> </ul>	Composites Repair (3 units)	Completed
<ul> <li>PMT 61</li> </ul>	Fiberglass Technology (2.5 units)	
<ul> <li>PMT 63L</li> </ul>	Specialty Plastics Lab (0.5 unit)	Completed
<ul> <li>PMT 67</li> </ul>	Fiberglass Production (2.5 units)	
<ul> <li>PMT 76</li> </ul>	Vacuum Infusion Process (VIP)/ Resin Transfer Molding (3 units)	Completed
• PMT 100	Plastics Technology (2.5 units)	Completed
• ENGT 116	Blueprint Reading (2 units)	Completed $\square$

**TOTAL 18.5 UNITS** 

## PLASTICS MANUFACTURING CERTIFICATE OF ACHIEVEMENT

Composites Fabrication (2.5 units)	Completed
Injection Molding (2.5 units)	Completed
Specialty Plastics Lab (0.5 unit)	Completed
Plastics Materials and Process (2.5 units)	Completed
Plastics Technology (2.5 units)	Completed
Blueprint Reading (2 units)	Completed
Geometrical Dimensioning and Tolerancing (2 units)	Completed
CNC Shop Inspection (2 units)	
Tooling and Materials for New Product Development (3 units)	•
	Injection Molding (2.5 units)  Specialty Plastics Lab (0.5 unit)  Plastics Materials and Process (2.5 units)  Plastics Technology (2.5 units)  Blueprint Reading (2 units)  Geometrical Dimensioning and Tolerancing (2 units)  CNC Shop Inspection (2 units)

**TOTAL 19.5 UNITS** 

## Plastics/Composites Manufacturing Technology (PMT)

#### New Students and or 1st Semester Students

can take the following classes

• ENGT 103 (3 units) Introduction to Engineering Design Using Inventor

• ENGT 116 (2 units) Blueprint Reading

• MFGT 54 (1.5 units) Ultrasonic Level I Testing

• MTT 68 (2 units) Computer-Assisted Inspection

Using Verisurf

• NPD 103 (3 units) Tooling and Materials for New

Product Development

• PMT 51 (2.5 units) Composites Fabrication

PMT 53 (3 units) Composites Repair
 PMT 59 (2.5 units) Injection Molding I

• PMT 61 (2.5 units) Fiberglass Technology

• PMT 67 (2.5 units) Fiberglass Production

• PMT 68 (2.5 units) Plastics Materials and Process

• PMT 72 (2.5 units) Tooling for Plastics

• PMT 76 (3 units) Vacuum Infusion Process (VIP)/

Resin Transfer Molding

• PMT 100 (2.5 units) Plastics Technology

## **2<sup>nd</sup> Semester Students and or Continuing Students**

may take any of the following classes in conjunction with the 1st Semester recommended classes and/or in later pursuit of certificate

• ENGT 117 (2 units) Geometrical Dimensioning and

Tolerancing

• ENGT 138 (4 units) AutoCAD

• ENGT 258 (4 units) Design and Production Technology

Using Solid Modeling

• ENGT 259 (4 units) SolidWorks

• MTT 54 (2.5 units) CNC Blueprint Reading

• MTT 56 (2 units) CNC Shop Inspection

• PMT 63L (0.5 unit) Specialty Plastics Lab

For detailed course descriptions, please refer to the current General Catalog: www.cerritos.edu/catalog



## **Interested in enrolling at Cerritos College?**

Please refer to the step-by-step enrollment process: www.cerritos.edu/futurestudents

## Want to apply to get your certificate?

- 1. Make sure you meet the requirements for the certificate.
  - a. Determine which form to fill out and download the form at:

http://cms.cerritos.edu/admissions-and-records/online-forms/

- i. Petition for Certificate: Petition to graduate with a Certificate of Achievement
- ii. Petition for Degree: Petition to graduate with an Associate in Arts
- 2. Fill out the appropriate form and meet with a counselor.
  - a. Make an appointment by calling (562) 860-2451, ext. 2231or use Online Counseling at:

http://cms.cerritos.edu/counseling/online-orientation.htm



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