

Approved 12/13/07

A. NAME OF AGENDA ITEM

Consideration and approval of new or revised courses and programs.

B. STATEMENT OF ISSUE/PURPOSE

1. Background and Purpose

Sections 55002, 55130 and 55150 of Title 5 requires the local district governing board approve degree-applicable credit courses, nondegree-applicable credit courses, noncredit courses, community services offerings, and credit and noncredit programs.

The following curriculum changes are proposed for the San Diego Community College District for City College, Mesa College, Miramar College or Continuing Education:

Apprenticeship - Machining Trades Apprenticeship

Adoption of a revised program at City College. (**Attachment A**)

Computer Technical Illustration

Adoption of a revised program at City College. (**Attachment B**)

2. Cost and Funding

There is no additional cost to the District

C. PROPOSAL

The Board of Trustees hereby grants authority to take the action outlined in Part A.

Henry T. Ingle, Ph.D.
Vice Chancellor
Instructional Services

ACTION

Adoption of a revised program at City College.

Proposed program revision at City College:

**Certificate of Achievement:
Tool and Cutter Grinder**

Courses Required for the Major:	Units
ENGE 108 Dimensioning and Tolerancing	3
ENGE 151 Engineering Drawing	2
ENGE 152 Engineering Design.....	3
MACT 140 Machine Technology.....	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach	4
MATH 096 Intermediate Algebra and Geometry	5
MAFG 102 Print Reading and Symbology	3
MAFG 115 Properties of Materials for Technicians	3
Total Units =	21

**Certificate of Achievement:
VTL Machinist/Milling Machinist**

Courses Required for the Major:	Units
ENGE 108 Dimensioning and Tolerancing	3
ENGE 151 Engineering Drawing	2
ENGE 152 Engineering Design.....	3
MACT 140 Machine Technology.....	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach.....	4
MAFG 102 Print Reading and Symbology	3
MAFG 115 Properties of Materials for Technicians	3
MATH 096 Intermediate Algebra and Geometry	5
Total Units =	21

**Associate in Science Degree:
Tool and Cutter Grinder**

Courses Required for the Major:	Units
ENGE 108 Dimensioning and Tolerancing	3
ENGE 151 Engineering Drawing	2
ENGE 152 Engineering Design.....	3
MACT 140 Machine Technology.....	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach	4
MATH 096 Intermediate Algebra and Geometry	5
MAFG 102 Print Reading and Symbology.....	3
MAFG 115 Properties of Materials for Technicians	3
Total Units =	21

**Associate in Science Degree:
VTL Machinist/Milling Machinist
Courses Required for the Major:**

Courses Required for the Major:	Units
ENGE 108 Dimensioning and Tolerancing	3
ENGE 151 Engineering Drawing	2
ENGE 152 Engineering Design.....	3
MACT 140 Machine Technology.....	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach.....	4
MAFG 102 Print Reading and Symbology.....	3
MAFG 115 Properties of Materials for Technicians	3
MATH 096 Intermediate Algebra and Geometry	5
Total Units =	21

Computer Technical Illustration

ACTION

Adoption of a revised program at City College.

Proposed program revision at City College:

**Certificate of Completion:
Computer Technical Illustration***

Courses Required for the Major:	Units
TECI 101 Basic Technical Illustration	3
TECI 102 Advanced Technical Illustration	3
TEHW 101 Introduction to Technical Writing	3
Total Units = 9	

**Certificate of Achievement:
Computer Technical Illustration**

Courses Required for the Major:	Units
TECI 101 Basic Technical Illustration	3
TECI 102 Advanced Technical Illustration	3
ARTG 120 Advanced Illustration	3
CISC 110, Microcomputer Applications	2
ENGL 101 Reading and Composition	3
ENGE 111 Introduction to Computer-Aided Design 3	
MAFG 102 Print Reading and Symbology	3
MATH 096 Intermediate Algebra and Geometry	5
Total Units = 22	

**Associate in Science Degree:
Computer Technical Illustration**

Courses Required for the Major:	Units
TECI 101 Basic Technical Illustration	3
TECI 102 Advanced Technical Illustration	3
ARTG 120 Advanced Illustration	3
ARTG 125 Digital Media	3
CISC 110, Microcomputer Applications	2
ENGL 101 Reading and Composition	3
ENGE 111 Introduction to Computer-Aided Design 3	
MAFG 102 Print Reading and Symbology	3
MATH 096 Intermediate Algebra and Geometry	5
MFET 105, Print Reading and Symbology	3
Recommended Electives:	
MATH 104 Trigonometry	3
MATH 116 College and Matrix Algebra	3
Total Units = 26	

**Associate in Science Degree:
Engineering Emphasis**

Courses Required for the Major:	Units
TECI 101 Basic Technical Illustration	3
TECI 102 Advanced Technical Illustration	3
ARTG 120 Advanced Illustration	3
ARTG 125 Digital Media	3
CISC 110, Microcomputer Applications	2
ENGL 101 Reading and Composition	3
ENGE 111 Introduction to Computer-Aided Design 3	
ENGE 151 Engineering Drawing	2
ENGE 152 Engineering Design	3
ENGE 198 Computer Applications in Engineering ..	3
MAFG 102 Print Reading and Symbology	3
MATH 096 Intermediate Algebra and Geometry	5
MFET 105, Print Reading and Symbology	3
Recommended Electives:	
MATH 104 Trigonometry	3
MATH 116 College and Matrix Algebra	3
Total Units = 34	