

# SPRING 2010

Course No. Title Reg ID#	Days	Time	Room	Instructor	Units	Course No. Title Reg ID#	Days	Time	Room	Instructor	Units
<b>Machine Technology</b> The one semester accelerated program provides entry-level skills so students can seek jobs. <u>Students enroll in MACH 120, 123, 126, and 129 sequentially, with start dates twice a semester.</u> Students should enroll in MACH 120 and we will enroll you in the rest of the classes on the first day of class. Please call (408) 288-3781 for additional information.						<b>MACH 123 - PRINCIPLES OF MACHINE TOOL PRACTICES 2, LATHE EMPHASIS</b> 4.5 Prerequisite: MACH 121 with C or better Corequisite: Or concurrent enrollment in MACH 120 and MACH 126 and MACH 129 Advisory Level: Read: 2 Write: 2 Math: None Intermediate application of machine tool practices.					
<b>MACH 098 - DIRECTED STUDIES</b> +0.5 - 3.0 Advisory Level: Read: 2 Write: 2 Math: None Independent study under the direction of faculty members in specific or related disciplines.						<b>Mar 1 to Mar 25</b> 54657 101 LEC MTWTH 0800-1105AM 107I ULATE, I 101 LAB MTWTH 1150-0500PM 109L ULATE, I <b>May 3 to May 27</b> 54658 102 LEC MTWTH 0800-1105AM 107I HEKMATPANAHA, 102 LAB MTWTH 1150-0500PM 109L HEKMATPANAHA,					
<b>MACH 100 - SHOP MATH AND BLUEPRINT READING</b> 4.0 Recommended: 3 units of MATH 310 with CR or placement based on Math assessment Covers basic shop math, blueprint reading, use of industrial charts and references.						<b>MACH 126 - PRINCIPLES OF MACHINE TOOL PRACTICES 3, MILLING MACHINE EMPHASIS</b> 4.5 Prerequisite: MACH 123 with C or better Corequisite: Or concurrent enrollment in MACH 120 and MACH 123 and MACH 129 Advisory Level: Read: 2 Write: 2 Math: None Principles and safe operation of the milling machine.					
<b>MACH 101 - INTRODUCTION TO MACHINE TECHNOLOGY</b> 3.0 Advisory Levels: Read: 3 Write: 3 Math: 1 This course is an introduction to machine tools including lathes, milling machines, grinders, drill presses and saws. <b>MATERIAL FEE: \$20.00</b>						<b>Feb 1 to Feb 25</b> 54659 101 LEC MTWTH 0800-1105AM 107I ULATE, I 101 LAB MTWTH 1150-0500PM 109L ULATE, I <b>Apr 5 to Apr 29</b> 54660 102 LEC MTWTH 0800-1105AM 107I ULATE, I 102 LAB MTWTH 1150-0500PM 109L ULATE, I					
<b>MACH 120 - PRINCIPLES OF MACHINE TOOL PRACTICES 1, MEASUREMENT EMPHASIS</b> 4.5 Corequisite: MACH 123 and MACH 126 and MACH 129 Advisory Level: Read: 2 Write: 2 Math: None Introduction to the fundamental and practical application of machine tool practices. <b>MATERIAL FEE: \$50.00</b>						<b>MACH 129 - CNC OPERATOR FUNDAMENTALS</b> 4.5 Prerequisite: MACH 123 with C or better Corequisite: Or concurrent enrollment in MACH 120 and MACH 123 and MACH 126 Advisory Level: Read: 2 Write: 2 Math: None An introduction to Computer Numerically Controlled (CNC) machines.					
<b>MACH 138 - WORK EXPERIENCE</b> +1.0 - 8.0 Corequisite: Be employed or a volunteer at an approved work-site for the minimum number of hours per unit as stipulated for paid and unpaid status. Advisory Level: Read: 3 Write: 3 Math: None This course provides for the development of workplace success skills.						<b>Mar 1 to Mar 25</b> 54661 101 LEC MTWTH 0800-1105AM 107I ULATE, I 101 LAB MTWTH 1150-0500PM 109L ULATE, I <b>May 3 to May 27</b> 54662 102 LEC MTWTH 0800-1105AM 107I HEKMATPANAHA, 102 LAB MTWTH 1150-0500PM 109L HEKMATPANAHA,					
<b>Feb 1 to May 28</b> 54650 101 BY ARRG BRANLUND, J 54651 102 BY ARRG BARNES, J 54652 103 BY ARRG BROOME, R						<b>Feb 1 to Feb 25</b> 54653 101 LEC MW 0500-0705PM 109 RAJNA, J					
<b>Feb 1 to May 28</b> 54654 101 LEC W 0715-0855PM 109 BROOME, R 101 LAB M 0710-1015PM 109L BROOME, R						<b>Feb 1 to Feb 25</b> 54655 101 LEC MTWTH 0800-1105AM 107I ULATE, I 101 LAB MTWTH 1150-0500PM 109L ULATE, I <b>Apr 5 to Apr 29</b> 54656 102 LEC MTWTH 0800-1105AM 107I ULATE, I 102 LAB MTWTH 1150-0500PM 109L ULATE, I					
<b>Feb 1 to May 28</b> 54664 101 BY ARRG STAFF											

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**MACH 151A - ADVANCED LATHE PRACTICES 4.0**

Prerequisite: MACH 101 with C or better or comparable industry experience  
 Advisory Level: Read: 2 Write: 2 Math: None  
 This course provides students with advanced skills on lathes.

Feb 1 to May 28

- 54665 101 LEC M 0715-1020PM 109 BARNES, J
- 101 LAB W 0715-1020PM 109L BARNES, J

**MACH 151B - ADVANCED MILLING MACHINE PRACTICES 4.0**

Prerequisite: MACH 101 with C or better or comparable industry experience  
 Advisory Level: Read: 2 Write: 2 Math: None  
 This course covers advanced milling machine applications.

Feb 1 to May 28

- 54666 101 LEC M 0715-1020PM 109 BARNES, J
- 101 LAB W 0715-1020PM 109L BARNES, J

**MACH 151C - APPLIED PROBLEMS IN SHOP PRACTICES 4.0**

Prerequisite: MACH 151B with C or better  
 Advisory Level: Read: 2 Write: 2 Math: None  
 Advanced machine tool practice: Surface grinders, heat treatment and EDM.

Feb 1 to May 28

- 54667 101 LEC M 0715-1020PM 109 BARNES, J
- 101 LAB W 0715-1020PM 109L BARNES, J

**MACH 153A - OPERATOR/PROGRAMMER I 5.0**

Prerequisite: MATH 011 or MATH 011R or MATH 011S and MACH 101 all with C or better  
 Advisory Level: Read: 3 Write: 3 Math: None  
 Introduction to computerized numerical control programming/machine operation for milling machines. This course includes an overview of CAD/CAM programming and solids tape file simulation.

**MATERIAL FEE: \$20.00**

Feb 1 to May 28

- 54669 102 LEC TTH 0600-0725PM 109 BRANLUND, J
- 102 LAB TTH 0730-1035PM 109L BRANLUND, J

**MACH 153B - OPERATOR/PROGRAMMER II 5.0**

Prerequisite: MACH 153A with C or better  
 Advisory Level: Read: 3 Write: 3 Math: None  
 Advanced CNC Programming and machine operation for milling machines using HAAS and Fadal EIA controls. Includes an overview of CAD/CAM programming and solid tape file simulation.

**MATERIAL FEE: \$20.00**

Feb 1 to May 28

- 54671 102 LEC TTH 0600-0725PM 109 BRANLUND, J
- 102 LAB TTH 0730-1035PM 109L BRANLUND, J

**MACH 160 - INTRODUCTION TO CNC LASER APPLICATIONS 5.0**

Advisory Level: Read: 3 Write: 3 Math: 2  
 Introductory course in CNC laser applications.

Feb 1 to May 28

- 54663 101 LEC MW 0600-0805PM 107D PRESS, R
- 101 LAB MW 0810-1015PM 107D PRESS, R

**Mathematics**

Students are required to bring a graphing calculator to class for certain sections of MATH 013, MATH 021, MATH 022, MATH 025, MATH 061, MATH 063, MATH 071, MATH 072, MATH 073. Texas Instruments TI-86, TI-89 or equivalent is recommended for all classes except MATH 063 for which a TI-83, TI-84 or equivalent is recommended.

**MATH 011A - ELEMENTARY ALGEBRA +5.0**

Prerequisite: 3 units of MATH 310 or MATH 311 with CR or placement based on math assessment  
 Advisory Level: Read: 3 Write: 3 Math: None  
 A five-unit course in introductory algebra.

Feb 1 to May 28

- 54493 101 LEC MTWTH 0800-0910AM S202 PARDO, R
- 54494 102 LEC MTWTH 0800-0910AM GE111 LESSING, H
- 54495 103 LEC MW 0800-1030AM B208 JENSEN, K
- 54497 105 LEC TTH 0800-1030AM GE115 SADEGHI-HASSA
- 54498 106 LEC S 0900-0230PM S123 SIOSHANSI, A
- 54499 107 LEC TTH 0915-1145AM S122 CRIBBS, A
- Umoja*
- 54500 108 LEC MTWTH 0915-1025AM B204 LESSING, H
- 54501 109 LEC MW 0930-1200PM GE115 AHLBERG, D
- 54502 110 LEC TTH 0930-1200PM GE111 CASTILLA, G
- 54503 111 LEC MTWTH 1045-1155AM GE113 COCHRAN, G
- 54504 112 LEC MW 1230-0300PM GE117 QUACH, T
- 54505 113 LEC TTH 0115-0345PM B204 HELLIWELL, C
- 54506 114 LEC MW 0330-0600PM GE111 NGUYEN, T
- 54507 115 LEC TTH 0615-0845PM S122 KALANTAR, M
- 54508 116 LEC MW 0630-0900PM GE113 TRIEU, P