

2008-2009

PRECISION MANUFACTURING TECHNOLOGY  
Associate of Applied Science

STUDENT NAME \_\_\_\_\_ SS# \_\_\_\_\_  
ADDRESS \_\_\_\_\_ CITY, STATE, & ZIP CODE \_\_\_\_\_  
TELEPHONE (DAY) \_\_\_\_\_ EVE \_\_\_\_\_ ENROLLMENT DATE \_\_\_\_\_

PLACEMENT TESTING:

Alternative Exam:	Read	Writing	Math	*TSI COMPLETE/EXEMPT/WAIVED DATE: _____
Accuplacer/ASSET/COMPASS/THEA				
ACT				
SAT				

\*Texas Success Initiative Rules

DEVELOPMENTAL COURSES (enter grade) \_\_\_\_\_ Orin 101 - College Success  
Reading: \_\_\_\_\_ None \_\_\_\_\_ READ 70 \_\_\_\_\_ READ 80 \_\_\_\_\_ READ 90 \_\_\_\_\_ Non Course Remediation  
Writing: \_\_\_\_\_ None \_\_\_\_\_ ENGL 71 \_\_\_\_\_ ENGL 81 \_\_\_\_\_ ENGL 91 \_\_\_\_\_ Non Course Remediation  
Math: \_\_\_\_\_ None \_\_\_\_\_ MATH 80 \_\_\_\_\_ MATH 85 \_\_\_\_\_ MATH 90 \_\_\_\_\_ Non Course Remediation

Major Courses			SCH	COLLEGE	SEM/YR	GRADE	COMMENTS
<b>FIRST YEAR - FALL SEMESTER</b>							
DFTG	1325	Blueprint Reading and Sketching	3				
MCHN	1438	Machining I	4				
ENGL	1301	Composition	3				
MCHN	1343	Machining Mathematics	3				
MCHN	1320	Precision Tools and Measurements	3				
<b>FIRST YEAR - SPRING SEMESTER</b>							
DFTG	1313	Drafting for Specific Occupations	3				
PLTC	1445	Plastic Processes I	4				
MCHN	1452	Intermediate Machining I	4				
QCTC	1305	Teaming	3				
DEMR	1301	Shop Safety and Procedures	3				
<b>FIRST YEAR - SUMMER</b>							
MCHN	1382	CAPSTONE: Cooperative Education I	3				
<b>SECOND YEAR - FALL SEMESTER</b>							
INMT	1445	Computer Numerical Controls	4				
WLDG	1337	Intro. to Metallurgy for Manufacturing & Prec Manufac	3				
MCHN	2341	Advanced Machining I	3				
		Social / Behavioral Science Elective	3				
		Mathematics / Natural Sciences Elective	4				
<b>SECOND YEAR - SPRING SEMESTER</b>							
MCHN	2547	Specialized Tools and Fixtures	5				
		Humanities Elective	3				
		**Program Elective	3				
SPCH	1311	Introduction to Speech Communication	3				
<b>SECOND YEAR - SUMMER</b>							
MCHN	2382	CAPSTONE: Cooperative Education II	3				

IDENTIFIES COURSES TO FULFILL MINIMUM 15 HOURS GENERAL EDUCATION REQUIREMENT

\*\*See back of degree plan for Program Elective Options

STUDENT'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ FACULTY/ADVISOR'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**2008-2009 Precision Manufacturing Technology, Associate of Applied Science**

**PRE-REQUISITES:**

<b>DFTG</b>	<b>1325</b>	<b>BLUEPRINT READING AND SKETCHING</b> <i>Prerequisite: None.</i>
<b>MCHN</b>	<b>1438</b>	<b>MACHINING I</b> <i>Prerequisite: None.</i>
<b>ENGL</b>	<b>1301</b>	<b>COMPOSITION</b> <i>Prerequisite: A score of 60+/-6, E-7, E-8 or 80+/-5 on the ACCUPLACER Exam for Writing, equivalent placement score, or completion of ENGL 0091 with a grade of "C" or better; <u>and</u> a score of 61 on the ACCUPLACER Exam for Reading, the completion of READ 0080 or equivalent.</i>
<b>MCHN</b>	<b>1343</b>	<b>MACHINING MATHEMATICS</b> <i>Prerequisite: Completion of MATH 0080 or equivalent.</i>
<b>MCHN</b>	<b>1320</b>	<b>PRECISION TOOLS AND MEASUREMENT</b> <i>Prerequisite: None.</i>
<b>DFTG</b>	<b>1313</b>	<b>DRAFTING FOR SPECIFIC OCCUPATIONS</b> <i>Prerequisite: DFTG 1325.</i>
<b>PLTC</b>	<b>1445</b>	<b>PLASTIC PROCESSES I</b> <i>Prerequisite: None.</i>
<b>MCHN</b>	<b>1452</b>	<b>INTERMEDIATE MACHINING I</b> <i>Prerequisite: DFTG 1325, MCHN 1438.</i>
<b>QCTC</b>	<b>1305</b>	<b>TEAMING</b> <i>Prerequisite: None.</i>
<b>DEMR</b>	<b>1301</b>	<b>SHOP SAFETY AND PROCEDURES</b> <i>Prerequisite: Successful completion of READ 90 or equivalent.</i>
<b>MCHN</b>	<b>1382</b>	<b>CAPSTONE: COOPERATIVE EDUCATION I</b> <i>Prerequisite: None.</i>
<b>INMT</b>	<b>1445</b>	<b>COMPUTER NUMERICAL CONTROLS</b> <i>Prerequisite: MCHN 1452, DFTG 1313, MCHN 1438.</i>
<b>WLDG</b>	<b>1337</b>	<b>INTRO. TO METALLURGY FOR MANUFACTURING &amp; PRECISION MANUFACTURING</b> <i>Prerequisite: None.</i>
<b>MCHN</b>	<b>2341</b>	<b>ADVANCED MACHINING I</b> <i>Prerequisite: MCHN 1452.</i>
<b>MCHN</b>	<b>2547</b>	<b>SPECIALIZED TOOLS AND FIXTURES</b> <i>Prerequisite: DFTG 1313, MCHN 2341, MCHN 1452.</i>
<b>SPCH</b>	<b>1311</b>	<b>INTRODUCTION TO SPEECH COMMUNICATION</b> <i>Prerequisite: Completion of READ 0080 or equivalent.</i>
<b>MCHN</b>	<b>2382</b>	<b>CAPSTONE: COOPERATIVE EDUCATION II</b> <i>Prerequisite: MCHN 1382.</i>

**SOCIAL / BEHAVIORAL SCIENCES ELECTIVE - 3 CREDITS ( Depending on the course, check the catalog for pre-requisites.)**

**MATHEMATICS / NATURAL SCIENCES ELECTIVE - 4 CREDITS ( Depending on the course, check the catalog for pre-requisites.)**

**HUMANITIES ELECTIVE - 3 CREDITS ( Depending on the course, check the catalog for pre-requisites.)**

**\*\*PRE-REQUISITES FOR PROGRAM ELECTIVES:**

<b>MCHN</b>	<b>2345</b>	<b>ADVANCED MACHINING II</b> <i>Prerequisite: MCHN 2341.</i>
<b>MCHN</b>	<b>1293</b>	<b>COST ESTIMATING</b> <i>Prerequisite: MCHN 2341.</i>
<b>PLTC</b>	<b>2346</b>	<b>PLASTIC PROCESSES II</b> <i>Prerequisite: PLTC 1445.</i>
<b>DFTG</b>	<b>2402</b>	<b>MACHINE DRAFTING</b> <i>Prerequisite: DFTG 1313.</i>
<b>QCTC</b>	<b>1303</b>	<b>QUALITY CONTROL</b> <i>Prerequisite: MCHN 1320.</i>
<b>INMT</b>	<b>2334</b>	<b>COMPUTERIZED NUMERICAL CONTROL PROGRAMMING</b> <i>Prerequisite: INMT 1445.</i>