



**Machine Tool Technology  
One-Year Certificate  
2014-2015**

Name \_\_\_\_\_ Anticipated Graduation Date \_\_\_\_\_

**Developmental Courses**

Original placement in developmental education courses is determined by ACT, ASSET, Compass, or SAT test scores. I understand that if required to enroll in developmental education courses as a result of my test scores and Arkansas law, Act 1101 an additional semester may be required to complete my program of study.

COURSE	TITLE	TERM	GRADE	COMMENT	CREDIT
READ0023	Technical Readings			ACT reading score of 0-18, ASSET reading score of 23-43, COMPASS score of 0-84, or SAT reading score of 0-419.	None
MATH0013	Pre-Algebra			ACT math score of 0-14, ASSET numerical test score of 23-40, ASSET intermediate test score of 0-29, COMPASS algebra test of 0-29, COMPASS pre-algebra test of 0-45, or SAT math score of 0-330.	None
COLL1001	College Success Strategies			First time or transfer students that test into 2 or more remedial classes.	None

**First Semester**

MEH1103	Introduction to Machine Process				3 hours
MEH1203	Basic Blueprint Reading				3 hours
MEH1206	Basic Lathe Operations				6 hours
MATH1013	Technical Math for Trades and Industry			Prerequisite: Student must meet criteria under either (a) or (b) as follows: (a) score 15 on the ACT, score 31 on ASSET Intermediate Algebra test, score 21 on the COMPASS Algebra Test, or score 21 or above on the COMPASS Algebra Test; or (b) pass MATH 0023 Intro-Algebra with a grade of "C" or higher. This course will develop and/or review mathematical skills with emphasis on problem solving related to the technical fields. This course is modularized using computer software with lessons tailored to the math content for the different technical	3 hours

				fields offered.	
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**Second Semester**

~ENG1003	Freshman English I OR			Prerequisite: Students must meet the criteria under either (a) or (b) as follows: (a) ACT English score of 19 or above or COMPASS English score of 80 or above or Asset English score of 44 or above (b) Completion of Writing Fundamentals ENG 0023 with a grade of "C" or higher.	3 hours
~SCOM1203	Oral Communications OR				
COM1013	Career Communications				
MEH1303	Metals and Alloys/Basic Diemaking				3 hours
MEH1406	Basic Mill Operation				6 hours
MEH1503	Fundamentals of CNC				3 hours

\_\_\_\_\_  
Student Signature Date

\_\_\_\_\_  
Advisor Signature Date

**As mandated by Act 472 of 2007, I have been informed of the Arkansas Course Transfer System, and how to determine which courses will transfer to other Arkansas public institutions. Website <http://acts.adhe.edu>**

**ACTS Transfer Courses**

Courses notated in the degree plan with the "~" symbol are considered ACTS courses. The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and equitable treatment in the application of credits for admissions and degree requirements. For further information the ACTS website link can be reached at <http://acts.adhe.edu/studenttransfer.aspx>.

**Prior Learning Assessment**

**For more information concerning Prior Learning Assessment (PLA) contact the Registrar's office (870) 248-4015**