

Explanation of Four Semester Plan

This degree plan is a recommended plan of study which may require adjustments to fit individual situations such as semester course load, summer courses, transfer coursework, courses repeated or developmental courses required.

This plan should be used with a degree checksheet to ensure all requirements are met for completion of the degree. Students should meet with an assigned faculty advisor at least once a semester to ensure that the plan is appropriate for the desired academic path.

Come join us on the Searcy Campus and build valuable skills in a fascinating trade. The Computerized Machining Technology program offers you the chance to gain job ready skills for an engaging career. Completion of this program can provide a real sense of pride and accomplishment by showing you how to become skilled at working with computer numerical control (CNC) machine technologies. You will learn how to create tools, dies, molds and other objects, all while obtaining the skills to operate 3-D printers, high-tech lathes and milling equipment to assist you in the creation of such objects. It's an opportunity to learn one of today's most interesting and dependable trades that can be used in an array of fields.

This program is accredited by the National Institute of Metalworking Skills (NIMS).

NOTES:

ADVISOR INFORMATION:

Derrick Holobaugh
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Joe Petty
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Searcy Campus: 501-207-6200



Associate of Applied Science **Computerized Machining** **Technology**

Four Semester Plan

ASU-Beebe **Career Education Division**

2021-2022 Academic Year

Now that you have chosen your college degree and career path, use this four-semester plan to map out your upcoming semesters! Your academic advisor will help you select the appropriate courses that will keep you on track to graduate.

Division Contact:

Searcy Campus

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FOUR SEMESTER PLAN

Semester #1 (18 hrs)

UNIV 1001	Principles of Academic Success
MATHA 1013	Technical Mathematics A
CMT 1013	CAD/CAM I
CMT 1103	Prototyping I
CMT 1203	Basic Machining
CMT 1303	CNC I
CMT 2022	Metrology I

Semester #2 (15 hrs)

ENG 1003	Freshman English I
CMT 1023	CAD/CAM II
CMT 2103	Prototyping II
CMT 2703	Advanced Machining
CMT 1313	CNC II

Semester #3 (15 hrs)

ENG 1013	Freshman English II
CMT 2113	Industrial Environment
CMT 2123	Concept to Production
CMT 2413	Manufacturing Materials & Processes
XXX 0003	Technical Elective

Semester #4 (12 hrs)

XXX 0003	Social Science Elective
CMT 2313	CNC III
CMT 2013	CAD/CAM III
XXX 0003	Technical Elective
XXX 0001	Technical Elective

Total Hours: 61

COURSE AVAILABILITY

Please note that some required courses are only offered in Fall or Spring semesters.

Fall Semester Only:

CMT 2123	Concept to Production
CMT 2413	Manufacturing Materials & Processes

Spring Semester Only:

CMT 2313	CNC III
CMT 2013	CAD/CAM III

*This list only includes courses required for this degree. To see course availability for electives, please visit the Course Description section of the ASU-Beebe Catalog.

PREREQUISITE COURSES

A prerequisite is a course or requirement that must be completed before taking an advanced course. Most prerequisites require a completed grade of "C" or better.

1.
Required Course: CMT 2123 Concept to Production
Required Pre-Req: CMT 1023 CAD/CAM II

2.
Required Course: CMT 2013 CAD/CAM III
Required Pre-Req: CMT 1023 CAD/CAM II

3.
Required Course: CMT 2313 CNC III
Required Pre-Req: CMT 1313 CNC II

*This list only includes prerequisites required for this degree. To see more course details, please visit the Course Description section of the ASU-Beebe Catalog.

DEVELOPMENTAL COURSES

Developmental courses are required based on placement scores. Each course listed below has a corresponding placement score (from ACT, Accuplacer, etc.) that determines which level of MATH or ENGLISH is required. Academic Advisors will assist students with registering for the correct developmental course as required.

Placement test scores are not final. Students may choose to retake the Accuplacer test after discussing with an academic advisor.

Developmental courses and credit hours are not applied toward the degree plan hours.

ENGLISH:

ENG 0013 Pre-College Literacy

ENG 0023 College Literacy

* Taken with Freshman English I

MATH:

MATH 0113 Pre-Technical Math

Please Note: All students enrolled in any of the courses above are also required to complete the 3 credit hour version of UNIV 1003 Principles of Academic Success.