



Applied Technology One-Year Plan



As an AAS student, you will complete approximately 15 credit hours of general education courses and 46-58 credit hours of courses most appropriate to address the intended outcome of the career program. The AAS is designed to prepare a student for employment in a specific occupational area.

The Applied Technology degree is designed for students who have completed certain technical programs at an area career and technical education school. Students completing an articulated technical program at an area technical school or career center may receive 30 credit hours of articulated credit after completing the remaining degree requirements (31 credit hours). Please see the program advisor to confirm your eligibility and to determine appropriate career and technical education elective and math requirements.

Suggested Course Outline			
EN101 English I	3	SP175 Speech Communications	3
BT160 Microcomputer Applications	3	Math Requirement*	3
HI103 American History to 1877 or		BT240 Employment Strategies	1
PL216 National Government	3	CTE Elective*	
CTE Elective*	3	CTE Elective*	3
CTE Elective*	3	CTE Elective*	3
<hr/>		<hr/>	
Total	15	Total	16

**Please see your advisor or the NCMC Academic Catalog for specific course choices in each area.*

- **Dual credit/Transfer credit** – This plan is designed for students with no dual or transfer credit. Consider any prior college credit to avoid repeating coursework. We will need official transcripts for these courses.
- **Developmental Studies** – This plan assumes that the student does not need to take Developmental Studies courses. Placement test scores determine whether or not the student will need to complete Developmental Studies courses. You can learn more about Developmental Studies courses in the NCMC Academic Catalog.

Contact NCMC Admissions to schedule a tour & register for classes:

660-359-3948 ext. 1410 or admissions@mail.ncmissouri.edu

Associate of Applied Science: Applied Technology (1+1)

Have you **completed** a technical program at Cass Career Center, Excelsior Springs Area Career Center, Grand River Technical School, Hillyard Technical Center, Kirksville Area Technical Center, Linn County Area Career and Technical Center, Macon Area Career and Technical Center, Moberly Area Technical Center, North Central Career Center, or Northwest Technical School? **North Central Missouri College in Trenton has a great opportunity just for you.**

We have a degree that will let you use your Certificate of Completion as 30 college credit hours* toward an Associate of Applied Science (AAS) in Applied Technology degree from NCMC. NCMC will offer the remaining credit hours of technical and general education on the main NCMC campus, in Chillicothe, and through NCMC's online or ITV courses. You can **save both money and time** while obtaining a degree.

Current agreements are:
Cass Career Center: automotive technology, construction technology, information systems technology, welding technology
Excelsior Springs Area Career Center: automotive technology, electrical trades, HVAC, construction technology
Grand River Technical School: auto service technology, building trades technology, collision repair technology, computer/network technology, diesel service technology, EMT-Paramedic/health or management track, industrial maintenance technology, or welding technology
Hillyard Technical Center: auto collision repair, automotive technology, computer aided drafting, construction technology, computer services technology, electronic technology, precision machining, refrigeration, heating & air conditioning, or welding technology
Kirksville Area Technical Center: automotive technology, automotive body technology, construction technology, or graphic arts
Linn County Area Career and Technical Center: auto service technology, building trades, or industrial welding technology
Macon Area Career and Technical Center: automotive technology, building trades technology, welding technology
Moberly Area Technical Center: automotive technology, building technology, collision repair technology, computer aided design drafting, computer information systems, electronics technology, machine tool technology, welding technology
North Central Career Center: automotive technology, automotive body technology, construction technology, or welding technology
Northwest Technical School: auto service technology, collision repair technology, construction technology, or industrial welding technology

* Enroll and begin coursework within 15 months of date on Completion Certificate. Complete remaining 31 credit hours with a 2.0 GPA. The 30 credit hour block is not entered on the NCMC transcript until completion of all AAS degree requirements.

**To learn more about this degree,
 contact an academic advisor at
 North Central Missouri College -
 660-359-3948.**

**Associate of Applied Science:
 Applied Technology (AAS/AT)**

The student must complete 31 credit hours at NCMC, including 15 credits hours of General Education courses, Employment Strategies (1 credit hour)***, and 15 credit hours of approved career electives.

Required General Education Core:

Course #	Course name	Credit hours
EN101	English I	3 cr hrs
BT160	Microcomputer App I	3 cr hrs
HI103	Am History to 1877	3 cr hrs
or	or	
PL216	National Government	3 cr hrs
SP175	Speech	3 cr hrs
BT, MT	Math Requirement**	3 cr hrs
BT240	Employment Strategies	1 cr hr
	<i>or CS102 Ag & NR***</i>	1 cr hr
Total		16 cr hrs

** Math requirement varies with program of study. See advisor.
 *** CS102 College Seminar – Ag & Natural Resources may be substituted for Applied Tech students with an emphasis in Agriculture.

Examples of Career/Technical Electives:

Course #	Course name	15 Credit hours
BA150	Principles of Management	3 cr hrs
BA154	Principles of Marketing	3 cr hrs
BA269	Entrepreneurship	3 cr hrs
IT275	Networking Concepts	3 cr hrs
MF120	Intro to Electricity & Electronics	3 cr hrs
MF150	Principles of Safety	3 cr hrs
MF155	Maintenance Awareness	3 cr hrs
MF220	AutoCad I	3 cr hrs
MF227	Intro to 3D Printing	3 cr hrs
MF235	Industrial Robotics (Ch)	3 cr hrs
MF271	Internship	3 cr hrs

Ch = Chillicothe outreach at Grand River Technical School

Important Note – Elective courses may be substituted from the following areas with advisor approval: Accounting (AC), Agriculture (AG), Applied Technology (AT), Business Administration (BA), Business Technology (BT), Construction Technology (CT), Industrial Energy (IE), Information Technology (IT), and Manufacturing Technology (MF).

**Additional options and advising sheet
 on reverse side.**

Additional options for CTE Electives

Small business ownership (example)

If a student is interested in business, management, or owning a business, the following electives might be beneficial:

Course #	Course name	Credit hours
AC136	Accounting I	3 cr hrs
BA150	Principles of Management	3 cr hrs
BA154	Principles of Marketing	3 cr hrs
BA221	Business Law	3 cr hrs
BA269	Entrepreneurship	3 cr hrs

Agriculture (example)

For students interested in agriculture, the following courses are examples that could be taken as electives in the Applied Tech program:

AG117	Agricultural Math	3 cr hrs
AG103	Soils & Fertilizers	3 cr hrs
AG104	Soils & Fertilizers Lab	1 cr hr
AG105	Plant Science	3 cr hrs
AG106	Plant Science Lab	1 cr hr
AG107	Animal Science	3 cr hrs
AG108	Animal Science Lab	1 cr hr
AG130	Farm & Environmental Safety	2 cr hrs
AG132	Agriculture Mechanics	4 cr hrs

AAS/Applied Tech and Certificates

With a little extra effort and time and if you have completed an articulated certificate program from a career technical school, a student can earn a college certificate and an Associate's degree by completing the general education requirements and all the courses listed below:

Crop Production Certificate - 17 hours

CS102	Freshman Seminar - AGNR	1 cr hr
AG103	Soils & Fertilizers	3 cr hrs
AG104	Soils & Fertilizers Lab	1 cr hr
AG105	Plant Science	3 cr hrs
AG106	Plant Science Lab	1 cr hr
AG114	Crop Science	3 cr hrs
AG130	Farm & Environmental Safety	2 cr hrs
AG270	Farm Mgmt & Records Analysis	3 cr hrs

Manufacturing Skills Certificate – 16 hours

MF150	Principles of Safety	3 cr hrs
MF155	Maintenance Awareness	3 cr hrs
MF160	Principles of Quality	3 cr hrs
MF165	Principles of Mfg. Processes	3 cr hrs
MF104	Applied Technical Math	3 cr hrs
BT240	Employment Strategies	1 cr hr

North Central Missouri College Associate of Applied Science Applied Technology (1+1)

Sem/Yr	Course	Credit Hours	Grade
_____	EN 101 English I	3	_____
_____	BT 160 Micro Apps	3	_____
_____	SP 175 Speech	3	_____
_____	HI 103 or PL 216	3	_____
_____	Math Req. _____	3	_____
_____	BT 240 Employment Strategies or CS102 Ag & Natural Resources	1	_____

Electives:

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total Hours _____

Technical Program Certificate

Student Signature _____

Date _____

Advisor Signature _____

Date _____

In accordance with federal regulations set forth by The Higher Education Act of 1965, as amended, NCMC's Student Consumer Information is available at the following site: <http://www.ncmissouri.edu/hea>.

NorthCentral
MISSOURI COLLEGE

The student should visit with an advisor to follow correct course sequence in the certificate programs.