

# Associate Degree Requirements

## Effective Fall 2014

<b>Associate in Science &amp; Arts (ASA)</b>	<b>Associate in General Studies (AGS)</b>	<b>Associate in Applied Sciences (AAS)</b>
<p>For students who:</p> <ul style="list-style-type: none"> <li>• May or may not have chosen a specific area of study</li> <li>• Plan on transferring to a college or university to complete a bachelor's degree</li> <li>• Want to take all or most of their general education requirements prior to transferring.</li> </ul> <p><i>Completing this degree automatically satisfies MTA.*</i></p>	<p>For students who:</p> <ul style="list-style-type: none"> <li>• Need a two-year degree to meet employment requirements</li> <li>• Have a goal of self-enrichment</li> <li>• Want to be exposed to a wide breadth of college curriculum.</li> </ul> <p><i>This degree does not automatically satisfy MTA.*</i></p>	<p>For students who:</p> <ul style="list-style-type: none"> <li>• Wish to enter the workforce following graduation from NMC</li> <li>• Want to focus on specific occupational training (i.e. aviation, computer information technology, accounting, dental assisting, etc.)</li> </ul> <p><i>This degree does not automatically satisfy the MTA.* If a student wishes to pursue a bachelor's degree at a four-year institution it is recommended they speak with the transfer institution.</i></p>
<p><b>Composition</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ENG111</li> <li><input type="checkbox"/> ENG112</li> </ul> <p><b>Humanities</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 2 courses (6 semester credits) representing 2 departments from Group 1 Humanities list</li> </ul> <p><b>Natural Science</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 2 courses (6 semester credits) representing 2 departments from Group 1 Natural Science list including one lecture/lab</li> </ul> <p><b>Social Science</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 2 courses (6 semester credits) representing 2 departments from Group 1 Social Science list</li> </ul> <p><b>Mathematics</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Minimum of 3 semester credits from Group 1 Mathematics list.</li> </ul> <p><b>Cultural Perspectives &amp; Diversity<sup>†</sup></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Group 1 course with an * next to it or a 100 level French or Spanish</li> </ul> <p><b>Electives</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Additional credits from Group 1 or 2 courses for a combined total of no fewer than 60 semester credits.</li> </ul>	<p><b>Communications</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ENG111</li> <li><input type="checkbox"/> ENG112 or ENG220 or BUS231</li> </ul> <p><b>Humanities</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3 semester credits from Group 1 list</li> </ul> <p><b>Science with Lecture/Lab</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3 semester credits from Group 1 list</li> </ul> <p><b>Social Science</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3 semester credits from Group 1 list</li> </ul> <p><b>Mathematics</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> MTH23<sup>^</sup> (2.0 or higher)</li> </ul> <p><b>Cultural Perspectives &amp; Diversity<sup>†</sup></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Group 1 course with an * next to it or a 100 level French or Spanish</li> </ul> <p><b>Electives</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Additional Group 1 or 2 courses for a combined total of no fewer than 60 semester credits.</li> </ul>	<p><b>Communications</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ENG111</li> <li><input type="checkbox"/> ENG112 or approved elective credit</li> </ul> <p><b>Humanities</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3 semester credits from Group 1 list</li> </ul> <p><b>Science with Lecture/Lab</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3 semester credits from Group 1 list</li> </ul> <p><b>Social Science</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3 semester credits from Group 1 list</li> </ul> <p><b>Mathematics</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> MTH23<sup>^</sup> (2.0 or higher)</li> </ul> <p><b>Major Area Courses</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 27+ credits (see specific degree requirements)</li> </ul>

\* **Michigan Transfer Agreement (MTA)** In 2012, the Michigan legislature called for improvement in the transferability of college courses between Michigan community colleges and universities. The MTA was designed to facilitate the transfer of 30 general education requirements from one institution to another. Courses taken to satisfy MTA requirements must have grade of 2.0 or higher.

<sup>†</sup>**Cultural Perspectives & Diversity (CPD)** - Choose any course on the Group 1 list with an \* next to it or a 100 level French or Spanish course. This course may also be used to fulfill other degree requirements. CPD is not required to complete the MTA.\*

<sup>^</sup> **Mathematics** - Students may COMPASS Placement test out of math class (only in AGS or AAS degrees) or complete a higher level math course.



# Group 1 Courses for MTA

## Communications/Composition List

The MTA requires 2 semesters of English Composition

### English dept.

ENG 111 English Composition	4
ENG 112 English Composition	4

## Social Science List

The MTA requires 2 courses (6 semester credits) representing 2 departments below

### Anthropology dept.

*ANT 113 Cultural Anthropology	3
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### Economics dept.

ECO 201 Macroeconomics	3
ECO 202 Microeconomics	3

### Geography dept.

*GEO 101 Intro to Geography	3
GEO 105 & 105L Phys Geog/Lab	4
GEO 108 Geography of US/Canada	3
*GEO 109 World Regional Geog	3
GEO 115 Introduction to GIS	3

### Political Science dept.

*PLS 101 Intro to Am Politics	3
*PLS 132 Comparative Politics	3
*PLS 211 International Relations	3
PLS 222 Intro to Political Theory	3
*PLS 233 U.S. Foreign Policy	3

### Psychology dept.

PSY 101 Intro to Psychology	3
PSY 211 Develop Psychology	3
PSY 212 Psych/Exceptional Child	3
PSY 221 Psych of Personality	3
PSY 223 Intro to Social Psych	3
PSY 225 Human Sexuality	3
PSY 231 Psych of Adjustment	3
PSY 250 Abnormal Psychology	3

### Sociology dept.

*SOC 101 Intro to Sociology	3
SOC 201 Modern Social Problems	3
SOC 211 Marriage and Family	3
*SOC 220 Gender and Society	3
*SOC 221 Russian Lang & Culture	4
*SOC 231 Deviance & Crim Behav	3

Effective Fall 2009:

Cultural Perspectives/Diversity (CPD) is a requirement for the ASA and AGS degrees. To meet this requirement, choose any course marked with an asterisk \* or a 100 level French or Spanish course.

### MICHIGAN TRANSFER AGREEMENT

Upon completion of all Group 1 requirements in each of the areas listed above, the transcript will state, "MTA satisfied."

CPD is not a requirement of the MTA

## Natural Science List

The MTA requires 2 courses (6 semester credits) representing 2 departments below. Must include a LECTURE/LAB course. All natural science courses contain a lecture/lab unless otherwise stated.

### Astronomy dept.

AST 109 Planetary Astronomy	4
AST 119 Astronomy	4

### Biology dept.

BIO 106 Human Biology	4
BIO 108 Plant Biology	4
BIO 110 Essential Biology	4
BIO 115 Cell, Plant & Ecosystem Bio	4
BIO 116 Cell & Animal Biology	4
BIO 208 Microbiology	4
BIO 215 Genetics (no lab)	3
BIO 227 Human Anatomy & Physiology	4
BIO 228 Human Anatomy & Physiology	4
BIO 250 Nat. History/Vertebrates	4
BIO 255 Pathophysiology (no lab)	4
BIO 260 General Ecology	5
BIO 268 Biochemistry (no lab)	3

### Chemistry dept.

CHM 101 Intro. to Chemistry	4
CHM 150-150R General Chemistry I	5
CHM 151-151R General Chemistry II	5
CHM 250 Organic Chemistry I	5
CHM 251 Organic Chemistry II	5

### Environmental Science dept.

ENV 103 Earth Science	4
ENV 104 Life of the Past	4
ENV 111 Physical Geology	4
ENV 112 Historical Geology	4
ENV 117 Meteorology & Climatology	4
ENV 131 Oceanography	4
ENV 140 Watershed Science	4
ENV 210 Fund. of Soil Science	4
+ENV 270a MI Basin Geology	2
+ENV 270b Field Mapping	2
+ENV 270c Precambrian Geology of MI	2

### Physics dept.

PHY 105 Physics World Around Us	4
PHY 121 General Physics I	4
PHY 122 General Physics II	4
PHY 221&221R Prob & Prin Physic	5
PHY 222&222R Prob & Prin Physics	5

+ Indicates a lab only course

## Mathematics List

The MTA requires a minimum of 3 Math credits (excluding MTH 116, 205 & 206)

MTH 120 Mathematical Explorations	3
MTH 121 College Algebra	4
MTH 122 Trigonometry	3
MTH 131 Intro. to Prob & Stats	3
MTH 140 College Algebra & Trig	5
MTH 141 Calculus I	5
MTH 142 Calculus II	5
MTH 241 Calculus III	4
MTH 251 Differential Equations	4

The following Group 1 Math courses do not satisfy the MTA Math requirement:

MTH 116 Intro to Computer Science	4
MTH 205 Math for Elem. Teachers I	4
MTH 206 Math for Elem. Teachers II	4

## Humanities List

The MTA requires 2 courses (6 semester credits) representing 2 departments below

### Art dept.

ART 100 Art Appreciation	3
*ART 111 Hist. of Western Art I	4
*ART 112 Hist. of Western Art II	4
ART 213 Modern Art History	3

### History dept.

*HST 101 Western Civ to 1500AD	4
*HST 102 Western Civ from 1500AD	4
*HST 111 US History to 1865	4
*HST 112 US History from 1865	4
*HST 211 Native Am History	3
*HST 212 African-Am. History	3
*HST 213 American Women's History	3
HST 225 American Civil War	3
HST 228 The Vietnam War	3
HST 230 A History of Michigan	3
HST 235 20th Century Europe	3

### Humanities dept.

*HUM 101 Intro. to Humanities	3
*HUM 102 Intro. to Humanities	3
*HUM 116 World Cultures	4
*HUM 221 Russian Lang & Culture	4

### Language dept. (Intermed. level)

*FRN 201/MLF 201 Int French I	4
*FRN 202/MLF 202 Int French II	4
*SPN 201/MLS 221 Int Spanish I	4
*SPN 202/MLS 222 Int Spanish II	4
*SPN 227a Spanish for Env Mgmt	3

### Literature dept.

*ENG 210 Children's Literature	3
ENG 240 Intro to Literature	3
*ENG 241 Mythology	3
*ENG 242 Women in Literature	3
*ENG 245 Native American Lit	3
ENG 254 Shakespeare	3
ENG 256 Environmental Literature	3
ENG 261 British Literature	3
ENG 262 American Literature	3
*ENG 263 World Literature	3
ENG 264 Detective Fiction	3
ENG 265 Science Fiction/Fantasy	3
ENG 266 Popular Culture	3
ENG 267 Film as Literature	3
*ENG 271 Adolescence Cul Divers	3

### Music dept.

MUS 110 Music App Standard Lit	3
MUS 111 Music Appreciation Jazz	3
MUS 129 History of Rock & Roll	3

### Philosophy dept.

*PHL 101 Intro to Philosophy	3
*PHL 105 Critical Thinking	3
*PHL 121 Western Religions	4
*PHL 122 Eastern Religions	4
*PHL 201 Ethics	3
*PHL 202 Contemp Ethical Dilemma	3