

graduation. Up to two (2) WE credits from the Health and Wellness Department may be included in the 62 credits. Additional Health and Wellness Department credits may be included if they are required in an Academic Program. Physical Education (PE) theory classes can be used as elective credits in associate's degree programs.

- b. Three credits of PS 110.
 - c. At least six credits of English composition are required for students matriculated for the Associate in Arts, Associate of Fine Arts in Fine Arts, Associate of Fine Arts in Photography, Associate in Music, Associate in Nursing, or Associate in Science degree. All students planning to transfer to a baccalaureate program are advised to take EN 101 and EN 102, or EN 100 and EN 102.
5. Have completed the Group Distribution Requirements appropriate to the degree for which they are matriculated. For this purpose, the following Groups are defined:
- **Group I – Humanities:**

AR 111	MU 107, 109, 235,
AT 105, 106, 270, 271	236, 237
EN (any 200 level)	PL
Foreign Language (except	PO 105
Occupational Spanish)	SC
HU	TH 248
 - **Group II – Social Sciences:**

AN	GE	PY
CJ 110, 111, 140,	GO	SO
235, 236, 237	HS	SS
EC	PS	SW
 - **Group III – Natural Sciences and Mathematics:**
(Courses identified as "non-lab" cannot be used to satisfy "laboratory science" requirements.)

AS 103, 102	GL
BA 150, 254 (non-lab)	MA (any courses except
BI	MA 003) (non-lab)
CM (any courses except	PC
CM 100 and CM 102)	PH
CO 124, 127, 225,	PY 281 (non-lab)
227 (non-lab)	TE 103, 104, 132
GE 132	(non-lab)

* Students are encouraged to verify with the transfer institution that select courses will meet distribution requirement for that institution.

APPROVED ASSOCIATE IN SCIENCE REQUIREMENTS

Natural Sciences Course Sequences

A minimum of twenty (20) credit hours, including two 2-semester course sequences taken from two subject areas, one of which must be a laboratory science course.

Biology Course Sequences

BI 101 and 232	BI 103 and 232	BI 104 and 207
BI 103 and 104	BI 104 and 232	BI 121 and 122
BI 151 and 152	BI 103 and 215	BI 104 and 215

For a biology major sequence, BI 151 and BI 152 are recommended.

Mathematics Course Sequences

MA 108 and 110	MA 129 and 215	MA 133 and 245
MA 131 and 245	MA 133 and 134	MA 110 and 129
MA 131 and 129	MA 133 and 215	MA 110 and 215
MA 131 and 133	MA 134 and 255	MA 127 and 129
MA 131 and 215	MA 255 and 257	MA 127 and 215

Physical Science Course Sequences

CM 103 and 104	CM 113 and 114	PH 125 and 246
CM 103 and 114	CM 231 and 241	PH 245 and 246
CM 109 and 231	CM 104 and 113	PH 126 and 245
CM 236, 237 and	CM 238, 239	PH 125 and 126
CM 212 and 282		

ASSOCIATE DEGREE GROUP DISTRIBUTION REQUIREMENTS

In addition to the General Requirements, candidates for associate's degrees must fulfill certain group distribution requirements unique to each degree. These are listed by degree.

Associate in Applied Arts and Sciences

1. AAAS, Specific Occupational Curricula

The Associate in Applied Arts and Sciences can be awarded to students who complete the requirements of specific two-year Occupational Education curricula as described in the GRCC Curricula section of this Catalog.

2. AAAS, Technology Option (Code 900)

▪ Technology Credits—34, including:

Technology—DR, EL, ER, MN, TE, TM, TR
Technology for Industry—TI
Technology Module—TM
Apprenticeship—AP
Architecture—AR
Engineering—EG

▪ Communication Credits (choose 1 combination)—6:

EN 101 and EN 102 (suggested)
BA 101 and BA 102
EN 101 and BA 102

▪ Humanities Credits—3: SC 131 (suggested) or SC 135

▪ Political Science Credits—3: PS 110

▪ Natural Science and Mathematics Credits—8:

Minimum 3 credits with lab; suggested courses include:
PH 115, MN 217 or TE 114

▪ Elective Credits—7:

One WE activity can be used as an elective.

▪ Wellness Credits—1

Total Credits/Program: 62

3. AAAS, Apprenticeship Option (650)

Students matriculating for the Associate in Applied Arts and Sciences must complete a program of related instruction for a specific apprenticeable trade at a community college or other postsecondary accredited institution, as evidenced by a certificate of completion issued by the participating company whose program is registered with the Michigan Department of Education and/or the Bureau of Apprenticeship and Training, U.S. Department of Labor. Students must also complete at least