

Appendix A – General Education Requirements
Madonna University
Fire Science
And
Schoolcraft College
Fire Technology

Madonna University			Schoolcraft College	
<u>Goal I: Communication (6)</u>		<u>s.h.</u>	<u>Goal I: Communication (6)</u>	
Communications (satisfied)			ENG 100 or ENG 101	Communications Skills* English Composition*
				3
Communications (satisfied)			ENG 102 or ENG 116	English Composition* Technical Writing*
				3
<u>Goal II: Religious Studies (6)</u>			<u>Goal II: Religious Studies (6)</u>	
RST	Any Course	3		
RST	Any Course	3		
<u>Goal III: Cultural Traditions (14)</u>			<u>Goal III: Cultural Traditions (14)</u>	
Approved Humanities Course (satisfied)			HUM 210	The Art of Being Human*+
				3
Approved Art Appreciation ART/ENG/MUS Course (satisfied)			ART 201 or HUM 150	Art Appreciation*+ World Masterpieces*+
				3
Approved HIS/PHL Course (satisfied)			HIS 134 or HIS 137	Ancient World*+ Early Modern World*+
				4
ENG	Approved (upper level)	4		
<u>Goal IV: Scientific Inquiry (7)</u>			<u>Goal IV: Scientific Inquiry (7)</u>	
Mathematics (satisfied)			MATH 113	Intermediate Algebra
				4
CIS 2380 Intro. to Computer		3		
Biological Science (satisfied)			EMT 107	Emergency Medical Tech.**
				10**^
Required Support Course (See Appendix B or C) – Physical Science**				
<u>Goal V: Personal/Social Environment (9)</u>			<u>Goal V: Personal/Social Environment (9)</u>	
PSY 1010	(satisfied)		PSYCH 153	Human Relations*
				3
Approved Personal, Social...Skills		3		
Approved Personal, Social...Skills		3		
<u>Goal VI: World Citizenship (6)</u>			<u>Goal VI: World Citizenship (6)</u>	
Approved History Courses (satisfied)			HIS 138	Contemporary World*+
				3
National/International (satisfied)			POLS 105	Survey American Government
				3
<i>Total General Education at MU:</i>		<i>19</i>	<i>Total General Education at Schoolcraft:</i>	
				<i>29</i>

*Course selection can be modified to meet MACRAO criteria. See Schoolcraft counselor for explanation of optional courses, which may be taken that will apply

+Course(s) can also be taken at MU, and is not part of Schoolcraft College's Fire Technology program.

**Course semester hours counted in major (Appendix B or C) not in general education.

^ Actual course semester hour(s) may differ at Schoolcraft College.

Appendix B

Schoolcraft College: Fire Technology (Associate of Applied Science Degree)

Major Courses Taken at MU: Fire Science (14)

Course #	Title	s.h.
FS 1010	Intro. to Fire Protection & Prevention	3
FS 2150	Building Construction	3
FS 3690	Fire Protection Systems II	3
FS 4510	Hazardous Materials	3
FS 4950	Senior Seminar	2

Total MU fire science semester hours: 14

Required Support Courses for Fire Science:

CHM 1110	General Chemistry	4
MTH 1060 OR	Trigonometry	3
MTH 1210	Precalculus	5
PHY 2530	General Physics I	4
PHY 2540	General Physics II	4
	Total	15-17

Major Courses Transferred from Schoolcraft: Fire Technology (47)

Course #	Title	s.h.
FIRE 112	Firefighter I*	10
FIRE 119	Firefighter II*	10
FIRE 200	Fire & Arson Investigation	4
SOC 210/ FIRE 210	Cultural Diversity	3
EMT 107	Emergency Medical Technology	10 [^]

ELECTIVES

FIRE 128	Firefighting Hydraulics and Water Supply**	4
FIRE 130	Firefighting Tactics and Strategy**	3
FIRE 135	Fire Protection Systems**	3

* Students who successfully pass the State exam for state certification Firefighter I and Firefighter II are exempt from MU cooperative education and/or internship

**Course(s) required for MU's fire science program

[^] Actual course semester hour(s) may differ at Schoolcraft College.

Total MU major semester hours: 14

Total MU Required Support Courses 15-17

Total MU general education semester hours (minimum): 19

Total semester hours at Madonna University: 48-50

Total Schoolcraft major semester hours: 47

Total Schoolcraft general education semester hours: 29

Total semester hours at Schoolcraft College: 76

Total semester hours..... 124-126

Appendix C

Schoolcraft College: Fire Technology (Associate of Applied Science Degree with Academy)

Major Courses Taken at MU: Fire Science (14)

Course #	Title	s.h.
FS 1010	Intro. to Fire Protection & Prevention	3
FS 2150	Building Construction	3
FS 3690	Fire Protection Systems II	3
FS 4510	Hazardous Materials	3
FS 4950	Senior Seminar	2

Total MU fire science semester hours: 14

Required Support Courses for Fire Science:

CHM 1110	General Chemistry	4
MTH 1060	Trigonometry	3
OR		
MTH 1210	Precalculus	5
PHY 2530	General Physics I	4
PHY 2540	General Physics II	4
Total		15-17

Total MU major semester hours: 14

Total MU required support courses: 15-17

Total MU general education semester hours (minimum): 19

Total semester hours at Madonna University: 48-50

Major Courses Transferred from Schoolcraft: Fire Technology (47)

Course #	Title	s.h.
FIRE 124	Fire Academy*	20
FIRE 200	Fire & Arson Investigation	4
SOC210/ FIRE 210	Cultural Diversity	3
EMT 107	Emergency Medical Tech.	10 [^]
<i>ELECTIVES</i>		
FIRE 128	Firefighting Hydraulics and Water Supply**	4
FIRE 130	Firefighting Tactics and Strategy**	3
FIRE 135	Fire Protection Systems**	3

* Students who successfully pass the State exam for state certification Firefighter I and Firefighter II are exempt from MU cooperative education and/or internship.

**Course(s) required for MU's fire science program.
[^] Actual course semester hour may differ at Schoolcraft College.

Total Schoolcraft major semester hours: 47

Total Schoolcraft general education semester hours: 29

Total at semester hours at Schoolcraft College: 76

Total semester hours..... 124-126