## COURSE DESCRIPTIONS

### Courses A-Z

#### A
- Accounting (ACC) ([https://catalog.nmc.edu/course-descriptions/acc/](https://catalog.nmc.edu/course-descriptions/acc/))
- Allied Health (HAH) ([https://catalog.nmc.edu/course-descriptions/hah/](https://catalog.nmc.edu/course-descriptions/hah/))
- American Sign Language (ASL) ([https://catalog.nmc.edu/course-descriptions/asl/](https://catalog.nmc.edu/course-descriptions/asl/))
- Anishinaabemowin (ANI) ([https://catalog.nmc.edu/course-descriptions/ani/](https://catalog.nmc.edu/course-descriptions/ani/))
- Anthropology (ANT) ([https://catalog.nmc.edu/course-descriptions/ant/](https://catalog.nmc.edu/course-descriptions/ant/))
- Art (ART) ([https://catalog.nmc.edu/course-descriptions/art/](https://catalog.nmc.edu/course-descriptions/art/))
- Astronomy (AST) ([https://catalog.nmc.edu/course-descriptions/ast/](https://catalog.nmc.edu/course-descriptions/ast/))
- Audio Technology (AUD) ([https://catalog.nmc.edu/course-descriptions/aud/](https://catalog.nmc.edu/course-descriptions/aud/))
- Automotive Technology (AT) ([https://catalog.nmc.edu/course-descriptions/at/](https://catalog.nmc.edu/course-descriptions/at/))
- Aviation Flight (AVF) ([https://catalog.nmc.edu/course-descriptions/avf/](https://catalog.nmc.edu/course-descriptions/avf/))
- Aviation Ground (AVG) ([https://catalog.nmc.edu/course-descriptions/avg/](https://catalog.nmc.edu/course-descriptions/avg/))

#### B
- Biology (BIO) ([https://catalog.nmc.edu/course-descriptions/bio/](https://catalog.nmc.edu/course-descriptions/bio/))
- Business Administration (BUS) ([https://catalog.nmc.edu/course-descriptions/bus/](https://catalog.nmc.edu/course-descriptions/bus/))

#### C
- Carpentry (CAR) ([https://catalog.nmc.edu/course-descriptions/car/](https://catalog.nmc.edu/course-descriptions/car/))
- Chemistry (CHM) ([https://catalog.nmc.edu/course-descriptions/chm/](https://catalog.nmc.edu/course-descriptions/chm/))
- Communications (COM) ([https://catalog.nmc.edu/course-descriptions/com/](https://catalog.nmc.edu/course-descriptions/com/))
- Computer Info Technology (CIT) ([https://catalog.nmc.edu/course-descriptions/cit/](https://catalog.nmc.edu/course-descriptions/cit/))
- Construction Management (CMT) ([https://catalog.nmc.edu/course-descriptions/cmt/](https://catalog.nmc.edu/course-descriptions/cmt/))
- Criminal Justice (CJ) ([https://catalog.nmc.edu/course-descriptions/cj/](https://catalog.nmc.edu/course-descriptions/cj/))
- Culinary Arts (CUL) ([https://catalog.nmc.edu/course-descriptions/cul/](https://catalog.nmc.edu/course-descriptions/cul/))

#### D
- Dance (DNC) ([https://catalog.nmc.edu/course-descriptions/dnc/](https://catalog.nmc.edu/course-descriptions/dnc/))
- Dental Assistant (HDA) ([https://catalog.nmc.edu/course-descriptions/hda/](https://catalog.nmc.edu/course-descriptions/hda/))
- Drafting and Design (DD) ([https://catalog.nmc.edu/course-descriptions/dd/](https://catalog.nmc.edu/course-descriptions/dd/))

#### E
- Early Childhood Education (ECE) ([https://catalog.nmc.edu/course-descriptions/ece/](https://catalog.nmc.edu/course-descriptions/ece/))
- Economics (ECO) ([https://catalog.nmc.edu/course-descriptions/eco/](https://catalog.nmc.edu/course-descriptions/eco/))
- Education (EDU) ([https://catalog.nmc.edu/course-descriptions/edu/](https://catalog.nmc.edu/course-descriptions/edu/))
- Electrical/Electronics Tech (EET) ([https://catalog.nmc.edu/course-descriptions/eet/](https://catalog.nmc.edu/course-descriptions/eet/))
- Electrician (ELE) ([https://catalog.nmc.edu/course-descriptions/ele/](https://catalog.nmc.edu/course-descriptions/ele/))
- Engineering (EGR) ([https://catalog.nmc.edu/course-descriptions/egr/](https://catalog.nmc.edu/course-descriptions/egr/))
- English (ENG) ([https://catalog.nmc.edu/course-descriptions/eng/](https://catalog.nmc.edu/course-descriptions/eng/))
- Environmental Sciences (ENV) ([https://catalog.nmc.edu/course-descriptions/env/](https://catalog.nmc.edu/course-descriptions/env/))
- Esports (https://catalog.nmc.edu/course-descriptions/esp/)

#### F
- French (FRN) ([https://catalog.nmc.edu/course-descriptions/frn/](https://catalog.nmc.edu/course-descriptions/frn/))

#### G
- Geography (GEO) ([https://catalog.nmc.edu/course-descriptions/geo/](https://catalog.nmc.edu/course-descriptions/geo/))
- German (GRM) ([https://catalog.nmc.edu/course-descriptions/grm/](https://catalog.nmc.edu/course-descriptions/grm/))

#### H
- Heating and Ventilation (HVA) ([https://catalog.nmc.edu/course-descriptions/hva/](https://catalog.nmc.edu/course-descriptions/hva/))
- History (HST) ([https://catalog.nmc.edu/course-descriptions/hst/](https://catalog.nmc.edu/course-descriptions/hst/))
- Humanities (HUM) ([https://catalog.nmc.edu/course-descriptions/hum/](https://catalog.nmc.edu/course-descriptions/hum/))

#### L
- Law Enforcement (LWE) ([https://catalog.nmc.edu/course-descriptions/lwe/](https://catalog.nmc.edu/course-descriptions/lwe/))

#### M
- Management (MGT) ([https://catalog.nmc.edu/course-descriptions/mgt/](https://catalog.nmc.edu/course-descriptions/mgt/))
- Manufacturing Technologies (MFG) ([https://catalog.nmc.edu/course-descriptions/mfg/](https://catalog.nmc.edu/course-descriptions/mfg/))
- Maritime-Deck (MDK) ([https://catalog.nmc.edu/course-descriptions/mdk/](https://catalog.nmc.edu/course-descriptions/mdk/))
- Maritime-Engine (MNG) ([https://catalog.nmc.edu/course-descriptions/mng/](https://catalog.nmc.edu/course-descriptions/mng/))
- Marketing (MKT) ([https://catalog.nmc.edu/course-descriptions/mkt/](https://catalog.nmc.edu/course-descriptions/mkt/))
- Mathematics (MTH) ([https://catalog.nmc.edu/course-descriptions/mth/](https://catalog.nmc.edu/course-descriptions/mth/))
- Music (MUS) ([https://catalog.nmc.edu/course-descriptions/mus/](https://catalog.nmc.edu/course-descriptions/mus/))

#### N
- Naval Science (MNS) ([https://catalog.nmc.edu/course-descriptions/mns/](https://catalog.nmc.edu/course-descriptions/mns/))
- Nursing (HNR) ([https://catalog.nmc.edu/course-descriptions/hnr/](https://catalog.nmc.edu/course-descriptions/hnr/))
Course Descriptions

P
- Philosophy (PHL) (https://catalog.nmc.edu/course-descriptions/phl/)
- Physics (PHY) (https://catalog.nmc.edu/course-descriptions/phy/)
- Plumbing (PLU) (https://catalog.nmc.edu/course-descriptions/plu/)
- Political Science (PLS) (https://catalog.nmc.edu/course-descriptions/pls/)
- Professional Development (HPD) (https://catalog.nmc.edu/course-descriptions/hpd/)
- Psychology (PSY) (https://catalog.nmc.edu/course-descriptions/psy/)

R
- Renewable Energy (EGY) (https://catalog.nmc.edu/course-descriptions/egy/)
- Robotics and Automation (RAM) (https://catalog.nmc.edu/course-descriptions/ram/)
- Russian (RUS) (https://catalog.nmc.edu/course-descriptions/rus/)

S
- Social Work (SWK) (https://catalog.nmc.edu/course-descriptions/swk/)
- Sociology (SOC) (https://catalog.nmc.edu/course-descriptions/soc/)
- Spanish (SPN) (https://catalog.nmc.edu/course-descriptions/spn/)
- Surgical Technology (SRG) (https://catalog.nmc.edu/course-descriptions/srg/)
- Surveying (SVR) (https://catalog.nmc.edu/course-descriptions/svr/)

T
- Theater (THR) (https://catalog.nmc.edu/course-descriptions/thr/)

U
- Uncrewed Aerial Systems (UAS) (https://catalog.nmc.edu/course-descriptions/uas/)

V
- Visual Communication Arts (VCA) (https://catalog.nmc.edu/course-descriptions/vca/)

W
- Water Studies Institute (WSI) (https://catalog.nmc.edu/course-descriptions/wsi/)
- Welding Process Technology (WPT) (https://catalog.nmc.edu/course-descriptions/wpt/)

Information

Course Prefixes by Academic Area

Aviation

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVF</td>
<td>Aviation Flight</td>
</tr>
<tr>
<td>AVG</td>
<td>Aviation Ground</td>
</tr>
<tr>
<td>UAS</td>
<td>Unmanned Aerial Systems</td>
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</table>

Business

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Academic Area</th>
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<tbody>
<tr>
<td>ACC</td>
<td>Accounting</td>
</tr>
<tr>
<td>BUS</td>
<td>Business Administration</td>
</tr>
<tr>
<td>CIT</td>
<td>Computer Information Technology</td>
</tr>
<tr>
<td>CUL</td>
<td>Culinary Arts</td>
</tr>
<tr>
<td>ESP</td>
<td>Esports</td>
</tr>
<tr>
<td>MGT</td>
<td>Management</td>
</tr>
<tr>
<td>MKT</td>
<td>Marketing</td>
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</table>

Communications

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASL</td>
<td>World Language - American Sign Language</td>
</tr>
<tr>
<td>COM</td>
<td>Communications</td>
</tr>
<tr>
<td>ENG</td>
<td>English</td>
</tr>
<tr>
<td>FRN</td>
<td>World Language - French</td>
</tr>
<tr>
<td>GRM</td>
<td>World Language - German</td>
</tr>
<tr>
<td>SPN</td>
<td>World Language - Spanish</td>
</tr>
<tr>
<td>THR</td>
<td>Theater</td>
</tr>
</tbody>
</table>

Construction Technology

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAR</td>
<td>Carpentry Technology</td>
</tr>
<tr>
<td>CMT</td>
<td>Construction Management</td>
</tr>
<tr>
<td>EGY</td>
<td>Renewable Energy</td>
</tr>
<tr>
<td>ELE</td>
<td>Electrical Technology</td>
</tr>
<tr>
<td>HVA</td>
<td>HVAC/R Technology</td>
</tr>
<tr>
<td>PLU</td>
<td>Plumbing Technology</td>
</tr>
</tbody>
</table>

Health Occupations

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAH</td>
<td>Allied Health</td>
</tr>
<tr>
<td>HDA</td>
<td>Dental Assistant</td>
</tr>
<tr>
<td>HNR</td>
<td>Nursing</td>
</tr>
<tr>
<td>HPD</td>
<td>Health Professional Development</td>
</tr>
<tr>
<td>SRG</td>
<td>Surgical Technology</td>
</tr>
</tbody>
</table>

Humanities

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART</td>
<td>Art</td>
</tr>
<tr>
<td>AUD</td>
<td>Audio Technology</td>
</tr>
<tr>
<td>DNC</td>
<td>Dance</td>
</tr>
<tr>
<td>HST</td>
<td>History</td>
</tr>
<tr>
<td>HUM</td>
<td>Humanities</td>
</tr>
<tr>
<td>MUS</td>
<td>Music</td>
</tr>
<tr>
<td>PHL</td>
<td>Philosophy</td>
</tr>
<tr>
<td>VCA</td>
<td>Visual Communications</td>
</tr>
</tbody>
</table>
Maritime
Prefix  Academic Area
MDK    Maritime-Deck
MNG    Maritime-Engineering
MNS    Naval Science

Science and Mathematics
Prefix  Academic Area
AST    Astronomy
BIO    Biology
CHM    Chemistry
EGR    Engineering
ENV    Environmental Science
MTH    Mathematics
PHY    Physics

Social Sciences
Prefix  Academic Area
ANT    Anthropology
CJ     Criminal Justice
ECE    Early Childhood Education
ECO    Economics
EDU    Education
GEO    Geography
LWE    Law Enforcement
PLS    Political Science
PSY    Psychology
SOC    Sociology
SWK    Social Work

Technical
Prefix  Academic Area
AT     Automotive
DD     Drafting and Design
EET    Electronical/Electronics Technology
MFG    Manufacturing Technology
RAM    Robotics and Automation
SVR    Surveying
WPT    Welding Process Technology

Water Studies
Prefix  Academic Area
WSI    Water Studies

291 Special Topics
Seminars, lectures, etc. on a selected topic within a field are sometimes offered as special courses. Students may enroll in more than one Special Topics offering but not all four-year schools accept special topics credits. Group 2 course.

293 Study Abroad
Study Abroad courses provide students with the opportunity to travel to a specified destination affiliated with a corresponding course. This course will serve to integrate the student learning experience and provide a sense of cultural perspective, diversity and regional awareness. Students will explore unique areas around the world while applying discipline-specific course content. Along with course registration, an additional application process and GPA requirements are mandatory before final travel approval will be given. Group 2 course.

297 Independent Study
Independent Study provides students the opportunity to explore a topic of study in greater breadth and depth than would be possible in an established College course. Students must seek faculty approval and complete a formal contract that stipulates the student learning outcomes, the activities that will help the student meet those outcomes, and the methods and measures to be employed to assess the student’s performance. The Independent Study will appear on the student’s transcript under the appropriate disciplinary prefix followed by 297. Group 2 course.

Reading a Course Description
The semester credit hours followed by (contact hours) are listed below the title of the course description. Student tuition, in most cases, is based on the course contact hour. Exceptions are MDK, MNG, MNS, Applied Music, Ensembles and private lessons. At the end of the description the course is identified by group number.

In addition to the courses listed in this section, each instructional area within Northwestern Michigan College may offer the following courses: