

**MESABI RANGE COMMUNITY AND TECHNICAL COLLEGE**  
**Associate in Arts Degree/Minnesota Transfer Curriculum**  
**Graduation Worksheet**

(Effective for New Incoming Students: 2008-2009)

**To be eligible for graduation with an A.A. Degree you must satisfy the following requirements:**

- Must complete 64 credits with a cumulative GPA of 2.0 for all courses completed.
- Within these 64 credits, must complete the 40 credits of the Minnesota Transfer Curriculum (MnTC) and additional graduation requirements listed below.
- No courses numbered below 1000 may be used to complete degree.
- Must complete PSYC 1415 Freshman Year Experience course the first semester of attendance.
- Complete a minimum of 20 credits at Mesabi Range in courses numbered 1000 or above. The residency requirement shall be reduced to 11 credits for students transferring at least 9 credits from another Minnesota community college.
- A course can be used in up to 2 goal areas (cross-listed) of the Minnesota Transfer Curriculum (MnTC); however, the credits for any course can count only once toward the total degree credits.

**MINNESOTA TRANSFER CURRICULUM**

**GOAL 1: Communication**

> Must complete the following courses for a minimum of 10 credits:

ENGL 1511 (4) ___ College Writing I	<b>and</b>	ENGL 1532 (3) ___ Technical Writing	
ENGL 1512 (4) ___ College Writing II	<b>or</b>	ENGL 1532 (3) ___ Technical Writing	<b>and</b>
SPCH 1550 (3) ___ Introduction to Communication	<b>or</b>	SPCH 1555 (3) ___ Public Speaking	<b>or</b>
SPCH 1565 (3) ___ Interpersonal Communication			

**Must have 10 credits. Total \_\_\_\_\_**

**GOAL 2: Critical Thinking**

> Must complete all 40 credits of the MnTC to satisfy this goal.

**GOAL 3: Natural Sciences**

> Must complete a minimum of seven credits including one Life Science course and one Physical Science course (one must be a lab science).

**Life Science (choose one)**

BIOL 1515 (3) ___ Biology of Women [7]	BIOL 1551 (5) ___ College Biology I
BIOL 1535 (3) ___ Intro to Microbiology	BIOL 1552 (5) ___ College Biology II
BIOL 1536 (4) ___ Contemporary Issues in Biology [10]	BIOL 2551 (4) ___ Human Anatomy & Physiology I
BIOL 1545 (4) ___ Human Biology	BIOL 2552 (4) ___ Human Anatomy & Physiology II
BIOL 1546 (4) ___ Environmental Science [10]	

**Physical Science (choose one)**

CHEM 1511 (4) ___ Fundamentals of Chemistry	PHYS 1551 (4) ___ Introductory Physics
CHEM 1522 (5) ___ General Chemistry I	PHYS 1561 (4) ___ College Physics I
CHEM 1523 (5) ___ General Chemistry II	PHYS 1562 (4) ___ College Physics II
GEOG 1555 (3) ___ Physical Geography [10]	PHYS 1567 (3) ___ Astronomy
GEOL 1557 (4) ___ Physical Geology [10]	

**Must have 7 credits. Total \_\_\_\_\_**

## 48 GRADUATION REQUIREMENTS

### GOAL 4: Math/Logical Reasoning

➤ Must complete a minimum of 3 credits from the following courses:

MATH 1511 (3) ___ Foundations of Mathematics I	MATH 1561 (5) ___ Calculus I
MATH 1521 (4) ___ College Algebra	MATH 1562 (5) ___ Calculus II
MATH 1545 (3) ___ Finite Mathematics	STAT 2551 (4) ___ Statistics I
MATH 1556 (4) ___ Survey of Calculus	

**Must have 3 credits. Total \_\_\_\_\_**

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### GOAL 5: History/Social and Behavioral Science

➤ Must complete a minimum of 9 credits with courses from at least 3 areas:

#### **Anthropology**

ANTH 1515 (3) ___ Introduction to Indian Studies [7]	ANTH 1535 (3) ___ Human Origins [10]
ANTH 1525 (3) ___ Introduction to Cultural Anthropology [8]	ANTH 2555 (3) ___ Introduction to Archaeology [10]

#### **Economics**

ECON 1555 (3) ___ Survey of Economics [8]
ECON 1556 (3) ___ Principles of Economics - Micro [8]
ECON 1557 (3) ___ Principles of Economics - Macro [8]

#### **Geography**

GEOG 1556 (3) ___ Human Geography [8]
GEOG 1557 (3) ___ Conservation of Natural Resources [10]
GEOG 1558 (3) ___ World Regional Geography [7]

#### **History**

HIST 1555 (4) ___ History of Western Civilization: Paleolithic to 1500 [8]
HIST 1556 (4) ___ History of Western Civilization: 1500 to Present [8]
HIST 1565 (4) ___ American History: To 1877 [7]
HIST 1566 (4) ___ American History: 1877 to Present [7]
HIST 1567 (3) ___ Native American History [7]

#### **Journalism**

Jour 1555 (3) ___ Intro to Mass Communications [9]
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#### **Multicultural Studies**

SPCH 1585 (3) ___ Intercultural Communications [8]	MCS 1556 (3) ___ Culture Through Film [7]
MCS 1555 (1-3) ___ Educational Travel [8]	MCS 2555 (3) ___ The Holocaust [9]

#### **Political Science**

POLS 1556 (3) ___ American Government [9]
POLS 1557 (3) ___ State and Local Government [9]
POLS 1559 (3) ___ International Relations [8]

#### **Psychology**

PSYC 1555 (3) ___ Psychology of Men [7]	PSYC 2558 (3) ___ Abnormal Psychology [7]
PSYC 2551 (4) ___ General Psychology	PSYC 2567 (4) ___ Lifespan Development [7]
PSYC 2556 (4) ___ Industrial/Organizational Psychology [7]	

#### **Sociology**

SOC 1452 (3) ___ Crime and Delinquency	SOC 1557 (3) ___ Courtship, Marriage, & Family [7]
SOC 1551 (3) ___ Introduction to Criminal Justice [9]	SOC 1558 (3) ___ Human Relations [7]
SOC 1555 (3) ___ Introduction to Sociology [7]	SOC 1559 (3) ___ Human Sexuality [7]
SOC 1556 (3) ___ Intro to Community Organiz. & Develop [9]	SOC 1565 (3) ___ Social Problems [7]

**Must have 9 Credits (3 areas). Total \_\_\_\_\_**

**GOAL 6: Humanities/Fine Arts**

> Must complete a minimum of 9 credits with 1 course from each of these 3 areas:

**History, Appreciation or Theory**

ART 1521 (3) ___ Art History: Prehistoric to Pre-Renaissance	MUSC 1565 (3) ___ History of Rock & Roll
ART 1522 (3) ___ Art History: Early Renaissance-Modern	PHIL 1551 (3) ___ Introduction to Ethics [9]
ART 1541 (3) ___ Introduction to Art	PHIL 1556 (3) ___ World Religions [8]
ART 1556 (3) ___ North American Indian Art [7]	PHIL 1565 (3) ___ American Indian Philosophy [10]
MUSC 1525 (3) ___ World Music [8]	PHIL 1575 (3) ___ Introduction to Philosophy [9]
MUSC 1555 (3) ___ American Popular Music [7]	PHIL 1585 (3) ___ Environmental Ethics [10]
MUSC 1559 (3) ___ Introduction to Music [8]	THTR 1555 (3) ___ Introduction to Theatre

**Literature**

ENGL 1559 (3) ___ Art of the Film	ENGL 2537 (3) ___ American Literature to 1865 [7]
ENGL 1575 (3) ___ Introduction to Literature	ENGL 2538 (3) ___ American Literature from 1865 [7]
ENGL 1576 (3) ___ Literature of Science Fiction	ENGL 2546 (3) ___ North American Nature Writers [10]
ENGL 1579 (3) ___ World Literature [8]	ENGL 2547 (3) ___ The Bible as Literature [8]
ENGL 2515 (3) ___ Native American Literature [10]	ENGL 2577 (3) ___ World Mythology [8]
ENGL 2535 (4) ___ Survey of British Lit. to 18th Century	ENGL 2578 (3) ___ Literature by Women [7]
ENGL 2536 (4) ___ Survey of British Lit. 18th – 20th Century	

**Creative Process/Interpretive Performance**

ART 1531 (3) ___ Drawing I	ART 1566 (3) ___ Digital Photography
ART 1532 (3) ___ Drawing II	ART 2535 (3) ___ Painting - Watercolor
ART 1545 (3) ___ Ceramics	ENGL 2545 (3) ___ Creative Writing
ART 1551 (3) ___ Painting - Oil	SPCH 2565 (3) ___ Oral Interpretation
ART 1552 (3) ___ Painting II	THTR 1565 (3) ___ Beginning Acting
ART 1565 (3) ___ Basic Photography	

**Must have 9 Credits (3 areas). Total \_\_\_\_\_**

**GOAL 7: Human Diversity**

> To complete this goal, choose a cross-listed course or complete 1 of the following courses for a minimum of 3 credits.

ANTH 1515 (3) ___ Introduction to Indian Studies [5]	MUSC 1555 (3) ___ American Popular Music [6]
ART 1555 (3) ___ North American Indian Art [6]	PSYC 1555 (3) ___ Psychology of Men [5]
BIOL 1515 (3) ___ Biology - Women [3]	PSYC 2556 (4) ___ Industrial/Organizational Psychology [5]
ENGL 2578 (3) ___ Literature by Women [6]	PSYC 2558 (3) ___ Abnormal Psychology [5]
ENGL 2537 (3) ___ American Literature to 1865 [6]	PSYC 2567 (4) ___ Lifespan Development [5]
ENGL 2538 (3) ___ American Literature from 1865 [6]	SOC 1555 (3) ___ Introduction to Sociology [5]
GEOG 1558 (3) ___ World Regional Geography [5]	SOC 1557 (3) ___ Courtship, Marriage, & Family [5]
HIST 1565 (4) ___ American History: To 1877 [5]	SOC 1558 (3) ___ Human Relations [5]
HIST 1566 (4) ___ American History: 1877 to Present [5]	SOC 1559 (3) ___ Human Sexuality [5]
HIST 1567 (3) ___ Native American History [5]	SOC 1565 (3) ___ Social Problems [5]
MCS 1556 (3) ___ Culture through Film [5]	SPCH 1586 (3) ___ Leadership & Group Communication [9]

**Must have a cross-listed course or a minimum of 3 Credits. Total \_\_\_\_\_**

## 50 GRADUATION REQUIREMENTS

### GOAL 8: Global Perspective

➤ To complete this goal, choose a cross-listed course or complete 1 of the following courses for a minimum of 3 credits.

ANTH 1525 (3) ___ Cultural Anthropology [5]	HIST 1555 (4) ___ History of Western Civ: Paleolithic to 1500 [5]
ECON 1555 (3) ___ Survey of Economics [5]	HIST 1556 (4) ___ History of Western Civ: 1500 to Present [5]
ECON 1556 (3) ___ Principles of Economics – Micro [5]	MCS 1555 (1-3) ___ Educational Travel [5]
ECON 1557 (3) ___ Principles of Economics – Macro [5]	MUSC 1525 (3) ___ World Music [6]
ENGL 1577 (3) ___ World Mythology [6]	MUSC 1559 (3) ___ Introduction to Music [6]
ENGL 1579 (3) ___ World Literature [6]	PHIL 1556 (3) ___ World Religions [6]
ENGL 2547 (3) ___ The Bible as Literature [6]	POLS 1559 (3) ___ International Relations [5]
FREN 2463 (4) ___ French III	SPAN 2463 (3) ___ Spanish III
FREN 2464 (4) ___ French IV	SPAN 2464 (3) ___ Spanish IV
GEOG 1556 (3) ___ Human Geography [6]	SPCH 1585 (3) ___ Intercultural Communications [5]

**Must have a cross-listed course or a minimum of 3 Credits. Total \_\_\_\_\_**

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### GOAL 9: Ethical & Civic Responsibility

➤ To complete this goal, choose a cross-listed course or complete 1 of the following courses for a minimum of 3 credits.

HIST 1567 (3) ___ Native American History [5]	POLS 1556 (3) ___ American Government [5]
JOUR 1555 (3) ___ Intro to Mass Communication [5]	POLS 1557 (3) ___ State and Local Government [5]
MCS 2555 (3) ___ The Holocaust [5]	SOC 1551 (3) ___ Introduction to Criminal Justice [5][6]
PHIL 1551 (3) ___ Introduction to Ethics [6]	SOC 1556 (3) ___ Intro to Community Organizing & Develop [5]
PHIL 1575 (3) ___ Introduction to Philosophy [6]	SPCH 1586 (3) ___ Leadership & Group Communication [7]

**Must have a cross-listed course or a minimum of 3 Credits. Total \_\_\_\_\_**

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### GOAL 10: People & the Environment

➤ To complete this goal, choose a cross-listed course or complete 1 of the following courses for a minimum of 3 credits.

ANTH 1535 (3) ___ Human Origins [5]	GEOG 1555 (3) ___ Physical Geography [3]
ANTH 2555 (3) ___ Introduction to Archaeology [5]	GEOG 1557 (3) ___ Conservation of Natural Resources [3]
BIOL 1536 (4) ___ Contemporary Issues in Biology [3]	GEOL 1557 (4) ___ Physical Geology [3]
BIOL 1546 (4) ___ Environmental Science [3]	PHIL 1565 (3) ___ American Indian Philosophy [6]
ENGL 2515 (3) ___ Native American Literature [6]	PHIL 1585 (3) ___ Environmental Ethics [6]
ENGL 2546 (3) ___ North American Nature Writers [6]	

**Must have a cross-listed course or a minimum of 3 Credits. Total \_\_\_\_\_**

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**Must have a total of 40 credits from all goal areas: Total MnTC Credits \_\_\_\_\_**

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**NOTE: A course can be used in up to 2 goal areas (cross-listed) of the Minnesota Transfer Curriculum (MnTC); however, the credits for any course can count only once toward the total degree credits. The 2nd goal area is indicated in parentheses after the course name.**

**ADDITIONAL A.A. DEGREE GRADUATION REQUIREMENTS**

**Freshman Year Experience**

PSYC 1415 (1) \_\_\_\_ Freshman Year Experience

**Must have 1 credit. Total** \_\_\_\_

**Physical Education**

> Must complete at least 2 one-credit physical education activity courses:

**Must have 2 Credits. Total** \_\_\_\_

**Health**

> Must complete a minimum of 1 course for at least 2 credits:

HLTH 1455 (3) \_\_\_\_ Personal and Community Health

HLTH 1465 (2) \_\_\_\_ Drug Use and Abuse

HLTH 1459 (3) \_\_\_\_ Wellness

HLTH 2459 (3) \_\_\_\_ Introduction to Nutrition

**Must have a minimum of 2 Credits. Total** \_\_\_\_

**Electives:**

Please list electives: e.g.,

<u>Dept.</u>	<u>Number</u>	<u>Credits</u>
CSCI	1455	3

**Elective Credits. Total** \_\_\_\_

**Total Additional Requirements. Total Credits** \_\_\_\_

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**DEGREE SUMMARY**

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**Total Credits from Minnesota Transfer Curriculum** \_\_\_\_

**Total Credits from Additional Requirements** \_\_\_\_

**Total Credits from other Elective Classes and Major Requirements** \_\_\_\_

**\*\*Must have 64 Credits Total for A.A. Degree. Total Credits** \_\_\_\_

**NOTE:** Students are reminded that two-years of a single high school foreign language or one-year of a college foreign language is an admissions requirement at many four-year colleges and universities. Please check with your transfer institution for admissions/graduation requirements.