

Missouri Southern State University Aug 2008
 Transfer Program Guide for CIS-Computational Mathematics (B.S.)
 NorthWest Arkansas Community College – Associate of Science

MSSU

NWACC

Area 1: Basic Requirements – 13 Hrs

- A. English Composition – 6 Hrs**
 Eng 101 – English Composition I __ ENGL 1013
 Eng 102 – English Composition II __ ENGL 1023
- B. Oral Communication (Speech) – 3 Hrs**
 Comm 100 __ COMM 1313
- C. Mathematics – 4 Hrs**
 Math 260 – Calculus III __ MATH 2574

Area 2: Humanities & Fine Arts (must be two different categories) – 9 Hrs

- A. Fine Arts/Appreciation (select one) – 3 Hrs**
 Art 110 – Art Appreciation __ ARHS 1003
 Mus 110 – Music Appreciation __ MUSI 1003
 Th 110 – Theatre Appreciation __ DRAM 1003
 Fulfills Area 2A or 2C __ HUMN 1003
- B. Fine Arts/Literature (select one) – 3 Hrs**
 Eng 261 or 262 – World Literature I or II __ ENGL 2213 or 2223
 Eng 271 or 272 – British Literature I or II __ ENGL 2113 or 2123
 Eng 281 or 282 – American Literature I or II __ ENGL 2313 or 2323
- C. Fine Arts/Humanities (select one) – 3 Hrs**
 Phil 201 – Intro to Philosophy __ PHIL 2003
 Phil 212 – Ethics __ PHIL 2103

Area 3: Natural & Behavioral Sciences – 19 Hrs

- A. Natural Science**
 Bio 101 – General Biology w/lab __ BIOL 1544
 Phys 250 – Advance Physics I __ PHYS 2054
- B. Behavioral Science (select one) – 3hrs.**
 Psy 100 – General Psychology __ PSYC 2003
 Soc 110 – Intro to Sociology __ SOCI 2013

Area 4: American Cultural Studies – 9 Hrs

- A. US History – 6 Hrs**
 Hist 110 – US History 1492-1877 __ HIST 2003
 Hist 120 – US History 1877 to Present __ HIST 2013
- B. American Government – 3 Hrs**
 Psc 120 – Government: US, State, & Local __ PLSC 2003

Area 5: MSSU Special Emphasis – 9 Hrs

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|--|--------------------------|
| A. Hist 130 or 140 – Western Civilization I or II | __ WCIV 1003 or 1013 |
| Foreign Language | |
| Fren 101,102 | __ FREN 1003, 1013 |
| Ger 101,102 | __ GERM 1003, 1013 |
| Span 101,102 | __ SPAN 1003, 1013 |
| B. Health & Wellness – 3 Hrs | |
| Kine 101 – Physical Activities (PEAC) | __ Any Physical Activity |
| Kine 103 – Lifetime Wellness | __ HLSC 1002 |
| C. Economics – 3 Hrs | |
| Econ 201 – Macroeconomics | __ ECON 2013 |

Electives for Core and Major:

Courses required at MSSU for this major that may be used as elective credits to complete the AS degree at NWACC:

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|----------------------------------|--------------|
| Programming I Cis 101 | __ PROG 1203 |
| Programming II Cis 210 | __ PROG 2203 |
| Adv. College Physics II Phys 260 | __ PHYS 2074 |
| Math 150 – Calculus I | __ MATH 2554 |
| Math 250 – Calculus II | __ MATH 2564 |
| Chem 101 – Chemistry I | __ CHEM 1104 |

Prerequisites for Calculus III - if required by placement test scores:
Math 1204, Math 1213, Math 2554, Math 2564

A MAXIMUM OF 64 CREDIT HOURS FROM A TWO YEAR COLLEGE MAY BE APPLIED TOWARD A BACCALAUREATE DEGREE AT MSSU.

**ANY GRADE BELOW ‘C’ WILL NOT TRANSFER.
TOTAL REQUIRED HOURS FOR THE AS DEGREE: 61 HOURS**

For Additional Information Contact:

NWACC – Advising Center

MSSU – Mr. Lyle Mays, CIS Department Head (417) 625-9606

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MSSU – Dr. Juan Vazquez, Mathematics Department Head (417)625-9540

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