# Grand Rapids Community College Course Guide for Western Michigan University Essential Studies (WES) Catalog Years Beginning 2020

All students graduating from WMU must meet the requirements of WMU Essential Studies.

Michigan Transfer Agreement (MTA): Students whose transcripts have been certified as having fulfilled the requirements of the Michigan Transfer Agreement by Grand Rapids Community College will have satisfied WES Level 1: Foundations and Level 2: Exploration and Discovery requirements. Students then only need to satisfy WMU Essential Studies requirements of two Level 3: Connections courses (one from Local and National Perspectives and one from Global Perspectives).

**Transferring into WMU without having fulfilled the MTA** requires completion of one course from each of the 12 categories shown under the three levels below in order to graduate from WMU. Prior to registering for your first semester at WMU, please meet with your WMU academic advisor to determine which levels and categories are still needed to complete your degree at WMU.

Level I – Foundations	
Writing (WR) – Choose one	
BA 102 Business & Technical English 2	EN 102   English Composition 2
EN 101   English Composition 1	EN 249   Technical Writing

Oral and Digital Communication (ODC) – Choose one

BA 103 Introduction to Business COM 131 Fundamentals of Public Speaking

Quantitative Literacy (QL) – Choose one
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BA 145 | Computer Applications in Business MA 127 | Finite Math with Applications

BA 256 Principles of Accounting 1 MA 129 Survey of Calculus

CIS 100 | Introduction to Computer Info Systems MA 131 | Precalculus

EC 251 | Principles of Economics 1

MA 133 | Calc With Analytical Geometry

EC 252 | Principles of Economies 2

MA 210 | Math for Elementary Teachers

MA 124 | Math for Liberal Arts Students PL 202 | Introduction to Logic

#### Inquiry and Engagement (IE) - Choose one

AN 210 | Cultural Anthropology PS 201 | Comparative Government
AT 160 | Painting for the Non-Art Major PS 202 | International Relationships

**HS 160** U.S. History Through Reconstruction **SO 251** Principles of Sociology

HS 161 U.S. History from Reconstruction SW 150 Introduction to Social Welfare

HU 212 | Classical Mythology TH 239 | Script Analysis

**PS 110** | Survey of American Government

#### **Level II Exploration and Diversity**

#### Personal Wellness (PW) - Choose one

BI 125 | Personal Health GH 200 | General Nutrition

**COM 135** | Interpersonal Communication

ARA 101   Introductory Arabic I ARA 102   Introductory Arabic II ARA 102   Introductory Arabic II HS 122   World History 5 ince 1500 CHI 101   Introductory Chinese I HU 281   Exploring World Religions CHI 102   Introductory French I FR 102   Introductory French I FR 102   Introductory French I FR 102   Introductory French II FR 102   Introductory Spanish I FR 102   Introductory French II FR 102   Introductory Spanish II FR 102   Introductory German II FR 102   Introductory German II FR 103   Introductory German II FR 104   Introductory German II FR 105   Introductory German II FR 106   History of Art Since 1400 FR 107   Film Viewing — Introduction to Film FR 108   Introduction to Literature FR 108   History of Art Since 1400 FR 108   Introduction to Literature FR 108   MUS 110   Appreciation World & Western Music FR 108   Stars, Galaxies, & Cosmology FR 108   Stars, Galaxies, & Cosmology FR 108   General Physical Geography FR 109   General Biology FR 101   General Physical Science FR 1118   Environmental Biology FR 101   General Physics of Everyday Life FR 108   Survey General Chemistry FR 109   Survey General Chemistry FR 109   FR 109   FR 109   FR 109   FR 109   Survey General Chemistry   W   lab FR 109   Survey General Chemistry   W   lab FR 109   FR 109   FR 109   FR 109   FR 109   FR 100   FR 109   FR 109   FR 109   FR 109   FR 109   FR 100   Multicultural Literature FR 100   Multicultural Literature II FR 100   Multicultural Literature II FR 100   FR 1	World Language and Culture (WLC) – Choose one	
CHI 101   Introductory Chinese   CHI 102   Introductory Chinese   I FR 102   Introductory French   FR 102   Introductory German   FR 102   Introductory German   FR 103   Introductory German   FR 104   Introductory German   FR 106   Introductory German   FR 107   Introductory German   FR 108   Introductory German   FR 108   Introductory German   FR 109   Introductory German   FR 109   Introductory German   FR 108   Introductory German   FR 109   Introduction to Literature FR 109   Introduction to Morid & Western Music FR 109   Introduction to Geology FR 101   General Physical Geography FR 108   Introduction to Geology FR 101   General Physical Science FR 101   Introduction to Geology FR 101   General Physics   General Physics   FR 101   Introduction to Headern World FR 101   Introduction to Headern World FR 101   Introduction to Headern World FR 102   Introduction to Anthropology FR 103   Introduction to Anthropology FR 104   Introduction to Anthropology FR 105   Introduction to Statistics W/Applied Models FR 107   Introduction to Mechanical Concepts FR 108   Introduction to Mechanical Concepts FR 109   Introduction to Gender Studies FR 109   Multicultural American Literature FR 109   Business Ethics FR 201   Multicultural American Literature   FR 109   Business Ethics FR 201   Introduction to Gender Studies FR 201   Introduction to Gender Studies FR 201   Multicultural Literature   FR 109   Business Ethics	ARA 101   Introductory Arabic I	HS 120   World History to 1500
CHI 102   Introductory Chinese II  FR 101   Introductory French I  FR 102   Introductory French I  FR 102   Introductory French II  FR 103   Introductory French II  FR 106   Introductory German I  GR 101   Introductory German I  GR 102   Introductory German II  Artistic Theory and Practice (ATP) – Choose one  AT 106   History of Art Since 1400  EN 252   Shakespeare  EN 118   Introduction to Literature  EN 233   Poetry  MUS 110   Appreciation World & Western Music  EN 247   Creative Writing II  EN 248   Creative Writing II  Scientific Literacy with a Lab (LS) – Choose one  AS 106   Solar System Extra-Solar Planet  AS 106   Solar System Extra-Solar Planet  Scientific Literacy with a Lab (LS) – Choose one  BI 118   Environmental Biology  BI 101   General Biology  PC 101   General Physical Science  BI 118   Environmental Biology  PH 111   Physics of Everyday Life  CHM 110   Chemistry in the Modern World  PH 115   Technical Physics  CHM 120   Survey General Chemistry   W  lab  PH 245   Calculus Physics I  CHM 130 w/ CHM 131   General Chemistry I w/ lab  PH 245   Calculus Physics I  Science and Technology (ST) – Choose one  AN 201   Introduction to Anthropology  AN 205   Introduction to Statistics w/Applied Models  COM 254   Mass Media  DR 180   Introduction to Mechanical Concepts  PY 201   General Psychology  Societies and Cultures (SC) – Choose one  AT 105   History of Art Before 1400  EN 284   LGBTQ Literature  BA 288   Introduction to International Business  GE 135   World Regional Geography  EN 251   Multicultural American Literature - Child  GST 200   Business Ethics	ARA 102   Introductory Arabic II	HS 121   World History Since 1500
FR 101   Introductory French   SP 101   Introductory Spanish   FR 102   Introductory French   SP 102   Introductory Spanish   FR 102   Introductory German   SP 231   Intermediate Spanish   GR 102   Introductory German   SP 231   Intermediate Spanish   GR 102   Introductory German   SP 231   Intermediate Spanish   GR 102   Introductory German   SP 232   Intermediate Spanish   Artistic Theory and Practice (ATP) - Choose one  AT 106   History of Art Since 1400 EN 252   Shakespeare EN 118   Introduction to Literature Hu 273   Film Viewing - Introduction to Film EN 133   Poetry MUS 110   Appreciation World & Western Music EN 247   Creative Writing   MUS 110   Appreciation World & Western Music EN 247   Creative Writing   MUS 130   American Popular Music Scientific Literacy with a Lab (LS) - Choose one  AS 106   Solar System Extra-Solar Planet GE 132   Physical Geography  AS 108   Stars, Galaxies, & Cosmology GL 101   Introduction to Geology  BI 101   General Biology PC 101   General Physica Science BI 118   Environmental Biology PH 111   Physics of Everyday Life  CHM 110   Chemistry in the Modern World PH 115   Technical Physics    CHM 120   Survey General Chemistry   W   lab PH 245   Calculus Physics    CHM 130 w/ CHM 131   General Chemistry   w   lab PH 245   Calculus Physics    Science and Technology (ST) - Choose one  AN 201   Introduction to Archaeology HU 245   Technology and Humanity  BA 254   Introduction to Statistics w/Applied Models MA 215   Statistics  COM 254   Mass Media MN 100   Manufacturing Principles PR 180   Introduction to Mechanical Concepts PY 201   General Psychology  Societies and Cultures (SC) - Choose one  AT 105   History of Art Before 1400 EN 284   LGBTQ Literature  BA 288   Introduction to International Business GE 135   World Regional Geography  EN 251   Multicultural American Literature - Child GST 200   Introduction to Gender Studies  EN 270   Multicultural Literature   PL 207   Contemporary Moral Choices  EN 271   African American Literature   Pl 209   Business Ethics	CHI 101   Introductory Chinese I	HU 281   Exploring World Religions
FR 102   Introductory French II GR 101   Introductory German I GR 102   Introductory German II  Artistic Theory and Practice (ATP) - Choose one  AT 106   History of Art Since 1400 EN 118   Introduction to Literature HU 273   Film Viewing – Introduction to Film EN 233   Poetry MUS 110   Appreciation World & Western Music EN 247   Creative Writing I MUS 110   Appreciation World & Western Music EN 247   Creative Writing I MUS 130   American Popular Music  Scientific Literacy with a Lab (LS) - Choose one  AS 106   Solar System Extra-Solar Planet GE 132   Physical Geography AS 108   Stars, Galaxies, & Cosmology GL 101   Introduction to Geology BI 101   General Biology PC 101   General Physical Science BI 118   Environmental Biology PH 111   Physics of Everyday Life CHM 110   Chemistry in the Modern World PH 115   Technical Physics CHM 120   Survey General Chemistry I w/ lab PH 245   Calculus Physics I  Science and Technology (ST) - Choose one  AN 201   Introduction to Anthropology GE 296   Seminar Sustain Global South Africa AN 205   Introduction to Statistics w/Applied Models MN 205   Introduction to Statistics w/Applied Models MN 100   Manufacturing Principles PN 201   General Psychology  Sciences and Cultures (SC) - Choose one  AT 105   History of Art Before 1400 EN 284   LGBTQ, Literature BA 288   Introduction to International Business GE 135   World Regional Geography EN 251   Multicultural American Literature - Child GST 200   Introduction to Gender Studies EN 270   Multicultural Literature PL 207   Contemporary Moral Choices EN 271   African American Literature   PL 209   Business Ethics	CHI 102   Introductory Chinese II	SL 172   American Sign Language II
GR 101   Introductory German I GR 102   Introductory German II SP 232   Intermediate Spanish II Artistic Theory and Practice (ATP) - Choose one  AT 106   History of Art Since 1400 EN 128   Introduction to Literature EN 118   Introduction to Literature EN 118   Introduction to Literature EN 233   Poetry MUS 110   Appreciation World & Western Music EN 247   Creative Writing I EN 248   Creative Writing I EN 248   Creative Writing II Scientific Literacy with a Lab (LS) - Choose one  AS 106   Solar System Extra-Solar Planet AS 108   Stars, Galaxies, & Cosmology BI 101   General Biology BI 101   General Biology BI 101   General Biology BI 101   General Biology BI 102   General Physical Science BI 118   Environmental Biology BI 103   The Modern World PH 115   Technical Physics CHM 120   Survey General Chemistry PH 125   College Physics I CHM 130 w/ CHM 131   General Chemistry I w/ lab PH 245   Calculus Physics I Science and Technology (ST) - Choose one  AN 201   Introduction to Anthropology GE 296   Seminar Sustain Global South Africa AN 205   Introduction to Statistics w/Applied Models MA 215   Statistics COM 254   Mass Media MN 100   Manufacturing Principles DR 180   Introduction to Mechanical Concepts PY 201   General Psychology Societies and Cultures (SC) - Choose one  AT 105   History of Art Before 1400 EN 284   LGBTQ Literature BA 288   Introduction to International Business GE 135   World Regional Geography EN 251   Multicultural American Literature - Child GST 200   Introduction to Gender Studies EN 270   Multicultural Literature EN 271   African American Literature   PL 207   Contemporary Moral Choices EN 271   African American Literature	FR 101 Introductory French I	SP 101   Introductory Spanish I
GR 102 Introductory German II  Artistic Theory and Practice (ATP) - Choose one  AT 106 History of Art Since 1400 EN 252 Shakespeare HU 273 Film Viewing - Introduction to Film EN 233 Poetry MUS 110 Appreciation World & Western Music EN 247 Creative Writing I MUS 111 Jazz in Contemporary America EN 248  Creative Writing II MUS 130 American Popular Music Scientific Literacy with a Lab (LS) - Choose one  AS 106 Solar System Extra-Solar Planet GF 132 Physical Geography AS 108 Stars, Galaxies, & Cosmology Gl 101 Introduction to Geology BI 101 General Biology PC 101 General Physical Science BI 118 Environmental Biology PH 111 Physics of Everyday Life CHM 110 Chemistry in the Modern World PH 115 Technical Physics CHM 120 Survey General Chemistry PH 125  College Physics I  Science and Technology (ST) - Choose one  AN 201 Introduction to Anthropology AN 205 Introduction to Anthropology BA 254 Introduction to Statistics w/Applied Models MN 215 Statistics COM 254 Mass Media MN 100 Manufacturing Principles DR 180 Introduction to Mechanical Concepts PY 201 General Psychology Societies and Cultures (SC) - Choose one  AT 105 History of Art Before 1400 BA 288 Introduction to International Business GF 135 World Regional Geography EN 251 Multicultural American Literature PL 207 Contemporary Moral Choices EN 270  Multicultural Literature PL 207 Contemporary Moral Choices EN 271 African American Literature I	FR 102   Introductory French II	SP 102   Introductory Spanish II
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CHM 130 w/ CHM 131   General Chemistry   w/ lab  Science and Technology (ST) - Choose one  AN 201   Introduction to Anthropology  AN 205   Introduction to Archaeology  BA 254   Introduction to Statistics w/Applied Models  COM 254   Mass Media  DR 180   Introduction to Mechanical Concepts  PY 201   General Psychology  Societies and Cultures (SC) - Choose one  AT 105   History of Art Before 1400  BA 288   Introduction to International Business  EN 251   Multicultural American Literature  EN 270   Multicultural Literature  PL 209   Business Ethics	CHM 110   Chemistry in the Modern World	PH 115   Technical Physics
Science and Technology (ST) – Choose one  AN 201   Introduction to Anthropology  AN 205   Introduction to Archaeology  BA 254   Introduction to Statistics w/Applied Models  COM 254   Mass Media  DR 180   Introduction to Mechanical Concepts  MN 100   Manufacturing Principles  PY 201   General Psychology  Societies and Cultures (SC) – Choose one  AT 105   History of Art Before 1400  BA 288   Introduction to International Business  GE 135   World Regional Geography  EN 251   Multicultural American Literature - Child  GST 200   Introduction to Gender Studies  EN 270   Multicultural Literature  PL 207   Contemporary Moral Choices  EN 271   African American Literature I  PL 209   Business Ethics	CHM 120   Survey General Chemistry	PH 125   College Physics I
AN 201   Introduction to Anthropology  AN 205   Introduction to Archaeology  BA 254   Introduction to Statistics w/Applied Models  COM 254   Mass Media  MN 100   Manufacturing Principles  DR 180   Introduction to Mechanical Concepts  PY 201   General Psychology  Societies and Cultures (SC) - Choose one  AT 105   History of Art Before 1400  BA 288   Introduction to International Business  EN 251   Multicultural American Literature - Child  EN 270   Multicultural Literature  PL 207   Contemporary Moral Choices  EN 271   African American Literature I  PL 209   Business Ethics	CHM 130 w/ CHM 131   General Chemistry I w/ lab	PH 245   Calculus Physics I
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COM 254   Mass Media  DR 180   Introduction to Mechanical Concepts  PY 201   General Psychology  Societies and Cultures (SC) – Choose one  AT 105   History of Art Before 1400  BA 288   Introduction to International Business  GE 135   World Regional Geography  EN 251   Multicultural American Literature - Child  GST 200   Introduction to Gender Studies  EN 270   Multicultural Literature  PL 207   Contemporary Moral Choices  EN 271   African American Literature    PL 209   Business Ethics	AN 205   Introduction to Archaeology	HU 245   Technology and Humanity
DR 180   Introduction to Mechanical Concepts  Societies and Cultures (SC) – Choose one  AT 105   History of Art Before 1400  BA 288   Introduction to International Business  EN 284   LGBTQ Literature  GE 135   World Regional Geography  EN 251   Multicultural American Literature- Child  GST 200   Introduction to Gender Studies  EN 270   Multicultural Literature  PL 207   Contemporary Moral Choices  EN 271   African American Literature I  PL 209   Business Ethics	BA 254 Introduction to Statistics w/Applied Models	MA 215   Statistics
Societies and Cultures (SC) – Choose one  AT 105   History of Art Before 1400  BA 288   Introduction to International Business  EN 284   LGBTQ Literature  GE 135   World Regional Geography  EN 251   Multicultural American Literature- Child  GST 200   Introduction to Gender Studies  EN 270   Multicultural Literature  PL 207   Contemporary Moral Choices  EN 271   African American Literature I  PL 209   Business Ethics	COM 254   Mass Media	MN 100   Manufacturing Principles
AT 105   History of Art Before 1400  BA 288   Introduction to International Business  EN 251   Multicultural American Literature- Child  EN 270   Multicultural Literature  EN 271   African American Literature I  EN 284   LGBTQ Literature  GE 135   World Regional Geography  GST 200   Introduction to Gender Studies  PL 207   Contemporary Moral Choices  PL 209   Business Ethics	DR 180   Introduction to Mechanical Concepts	PY 201 General Psychology
BA 288   Introduction to International Business  EN 251   Multicultural American Literature- Child  EN 270   Multicultural Literature  EN 271   African American Literature I  GE 135   World Regional Geography  GST 200   Introduction to Gender Studies  PL 207   Contemporary Moral Choices  PL 209   Business Ethics	Societies and Cultures (SC) – Choose one	
EN 251   Multicultural American Literature- Child  EN 270   Multicultural Literature  PL 207   Contemporary Moral Choices  EN 271   African American Literature I  PL 209   Business Ethics	AT 105   History of Art Before 1400	EN 284   LGBTQ Literature
EN 270   Multicultural Literature PL 207   Contemporary Moral Choices EN 271   African American Literature I PL 209   Business Ethics	BA 288   Introduction to International Business	<b>GE 135</b>  World Regional Geography
EN 271   African American Literature I PL 209   Business Ethics	EN 251   Multicultural American Literature- Child	<b>GST 200</b>   Introduction to Gender Studies
	EN 270   Multicultural Literature	PL 207   Contemporary Moral Choices
EN 272   African American Literature II  SO 254   Social Problems	EN 271   African American Literature I	PL 209   Business Ethics
	EN 272   African American Literature II	SO 254  Social Problems

## **Level III Connections**

## **Local and National Perspectives (LNP)**

To be completed at WMU

#### **Global Perspectives (GP)**

To be completed at WMU

#### **Diversity and Inclusion**

AN 201 | Introduction to Anthropology MUS 111 | Jazz in Contemporary America

GIST 200 | Introduction to Gender Studies SO 254 | Social Problems

## **Planetary Sustainability**

BI 118 | Environmental Biology GE 132 | Physical Geography

**DR 180** | Introduction to Mechanical Concepts

MN 100 | Manufacturing Principles