



Holmes Community College – Prerequisites/Co-requisites/Placement

In an effort to help advisors and students, the following is a list of courses taught and the appropriate prerequisite, co-requisite, or placement score.

| Course Number | Course Name | Prerequisite (means must be successfully completed) | AND/ OR | Co-Requisite (means must be taken at the same time) | OR | ACT Placement Score | OR | COMPASS Placement Score |
|---------------|--|--|------------|--|----|---------------------------|----|--|
| ACC 1213 | Principles of Accounting I | MAT 012(3-4), MAT 1203, or higher | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| ACC 1223 | Principles of Accounting II | ACC 1213 | | | | | | |
| ART 1323 | Drawing II | ART 1313 | | | | | | |
| BAD 2323 | Business Statistics | MAT 1313 | | | | | | |
| BAD 2533 | Computer Applications in Business and Industry | Keyboarding Skills | | | | | | |
| BAD 2813 | Administrative Communications | ENG 1113 | | | | | | |
| BIO 1124 | Principles of Biology II | BIO 1114, BIO 1134, BIO 2414, BIO 2424, BIO 2514, BIO 2524, or BIO 2924 | | | | | | |
| BIO 1134 | General Biology I | MAT 012(3-4), MAT 1203, or higher | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| BIO 1144 | General Biology II | BIO 1134 | | | | | | |
| BIO 1314 | Botany I | MAT 012(3-4), MAT 1203, or higher | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| BIO 1613 | Nutrition | MAT 012(3-4), MAT 1203, or higher | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| BIO 2414 | Zoology I | MAT 012(3-4), MAT 1203, or higher | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| BIO 2424 | Zoology II | BIO 2414 | | | | | | |
| BIO 2514 | Anatomy and Physiology I | BIO 1134 | | | OR | Composite 18 | | |
| BIO 2524 | Anatomy and Physiology II | BIO 2514 | | | | | | |
| BIO 2924 | Microbiology | BIO 1134 or higher | | | | | | |
| CHE 1114 | Chemistry Survey | | | MAT 1233 or higher | OR | Math Sub-score 20 | OR | Algebra 40 |
| CHE 1211 | General Chemistry Laboratory I | CHE 1213 | OR | CHE 1213 | | | | |
| CHE 1213 | General Chemistry I | | | MAT 1313 or higher | OR | Math Sub-score 23 | OR | College Algebra 51 |
| CHE 1221 | General Chemistry Laboratory II | CHE 1211 and CHE 1213, or CHE 1223 | OR | CHE 1223 | | | | |
| CHE 1223 | General Chemistry II | CHE 1213 | | | | | | |
| CHE 2424 | Organic Chemistry I | CHE 1223 | | | | | | |
| CHE 2434 | Organic Chemistry II | CHE 2424 | | | | | | |
| CSC 1123 | Computer Applications I | Minimum typing skills of 20 wpm and MAT 012(3-4), MAT 1203, or higher | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| CSC 1223 | Visual BASIC Computer Programming II | CSC 1213 | | | | | | |
| CSC 1613 | Computer Programming I | MAT 1313 or higher | | | OR | Math Sub-score 23 | OR | College Algebra 51 |
| CSC 2623 | Computer Programming II | CSC 1613 | | | | | | |
| ECO 2113 | Principles of Macroeconomics | MAT 012(3-4), MAT 1203, or higher | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| ECO 2123 | Principles of Microeconomics | MAT 012(3-4), MAT 1203, or higher | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| EGR 2413 | Engineering Mechanics I (Statics) | PHY 2514 | | | | | | |
| ENG 0113 | Beginning English | | | | | English Sub-score 1 – 13 | OR | English 0 – 29 |
| ENG 0123 | Intermediate English | ENG 0113, ENG 1013, or ENG 1103 with C | | | OR | English Sub-score 14 – 17 | OR | English 30 – 64 |
| ENG 1113 | English Composition I | ENG 0123, ENG 1023, or ENG 1203 with C | | | OR | English Sub-score 18 – 36 | OR | English 65 – 99 |
| ENG 1123 | English Composition II | ENG 1113 | | | | | | |
| ENG 2133 | Creative Writing I | ENG 1113 | | | | | | |
| ENG 2143 | Creative Writing II | ENG 2133 | | | | | | |
| ENG 2223 | American Literature I | ENG 1113 | | | OR | English Sub-score 23 | OR | English 83 |
| ENG 2233 | American Literature II | ENG 1113 | | | OR | English Sub-score 23 | OR | English 83 |
| ENG 2323 | British Literature I | ENG 1113 | | | OR | English Sub-score 23 | OR | English 83 |
| ENG 2333 | British Literature II | ENG 1113 | | | OR | English Sub-score 23 | OR | English 83 |
| ENG 2423 | World Literature I | ENG 1113 | | | OR | English Sub-score 23 | OR | English 83 |
| ENG 2433 | World Literature II | ENG 1113 | | | OR | English Sub-score 23 | OR | English 83 |
| GRA 1143 | Graphic Communication I | | | MAT 1233 | | | | |
| GRA 1153 | Graphic Communication II | GRA 1143 | | | | | | |
| LLS 1313 | Orientation | | | | | Composite 1 – 15 | OR | Any two scores from the following: English 0 – 64 Reading 0 – 66 Pre-Algebra 0 – 99 Algebra 0 – 24 |

| <i>Course Number</i> | <i>Course Name</i> | <i>Prerequisite (means must be successfully completed)</i> | <i>AND/OR</i> | <i>Co-Requisite (means must be taken at the same time)</i> | <i>OR</i> | <i>ACT Placement Score</i> | <i>OR</i> | <i>COMPASS Placement Score</i> |
|----------------------|--|---|---------------|--|-----------|------------------------------|-----------|---|
| LLS 1413 | Improvement of Study | Placement Only LLS 1313, EDU 1313, or EDU 1223 with C | | | OR | Composite 16 – 36 | OR | Reading 67 – 76 |
| MAT 011(3-4) | Fundamentals of Mathematics | | | | | Math Sub-score 1 – 13 | OR | Pre-Algebra 1 – 20 |
| MAT 012(3-4) | Beginning Algebra | MAT 011(3-4) or MAT 1103 with C | | | OR | Math Sub-score 14 – 16 | OR | Pre-Algebra 21 – 99 Algebra 0 - 24 |
| MAT 1233 | Intermediate Algebra | MAT 012(3-4) or MAT 1203 with C | | | OR | Math Sub-score 17 – 19 | OR | Algebra 25 – 39 |
| MAT 1313 | College Algebra | MAT 1233 with C | | | OR | Math Sub-score 20 – 36 | OR | Algebra 40 – 99 College Algebra 0 – 50 |
| MAT 1323 | Trigonometry | MAT 1313 | | | OR | Math Sub-score 23 | OR | College Algebra 51 |
| MAT 1333 | Finite Mathematics & Introduction to Calculus | MAT 1313 | | | | | | |
| MAT 1513 | Business Calculus I | MAT 1313 | | | | | | |
| MAT 1523 | Business Calculus II | MAT 1513 | | | | | | |
| MAT 1613 | Calculus I | | | MAT 1323 | OR | Math Sub-score 23 | OR | College Algebra 51 |
| MAT 1623 | Calculus II | MAT 1613 | | | | | | |
| MAT 1723 | The Real Number System | MAT 012(3-4) or MAT 1203 with C | | | OR | Math Sub-score 17 | OR | Algebra 25 |
| MAT 1733 | Geometry, Measurement, and Probability | MAT 1233 with C | | | OR | Math Sub-score 20 | OR | Algebra 40 |
| MAT 2113 | Introduction to Linear Algebra | MAT 1623 | | | | | | |
| MAT 2323 | Statistics | MAT 1313 | | | | | | |
| MAT 2613 | Calculus III | MAT 1623 | | | | | | |
| MAT 2623 | Calculus IV | MAT 2613 | | | | | | |
| MAT 2913 | Differential Equations | MAT 2613 | AND | MAT 2623 | | | | |
| MFL 1123 | Elementary French II | MFL 1113 | | | | | | |
| MFL 1223 | Elementary Spanish II | MFL 1213 | | | | | | |
| MFL 2113 | Intermediate French I | MFL 1123 | | | | | | |
| MFL 2123 | Intermediate French II | MFL 2113 | | | | | | |
| MFL 2213 | Intermediate Spanish I | MFL 1223 | | | | | | |
| MFL 2223 | Intermediate Spanish II | MFL 2213 | | | | | | |
| MUS 1133 | Fundamentals of Music | Score of 0 – 34 on Music Theory Placement Test | | | | | | |
| | | Score of 35 – 45 on Music Theory Placement Test | AND | MUS 1214 | | | | |
| MUS 1214 | Music Theory I | Score of 35 – 45 on Music Theory Placement Test | AND | MUS 1133 | | | | |
| | | Score of 46 on Music Theory Placement Test | | | | | | |
| MUS 1224 | Music Theory II | MUS 1214 with C | | | | | | |
| MUS 2214 | Music Theory III | MUS 1224 with C | | | | | | |
| MUS 2224 | Music Theory IV | MUS 2214 with C | | | | | | |
| PHY 2244 | Physical Science Survey I | | | MAT 1233 | OR | Math Sub-score 20 | OR | Algebra 40 |
| PHY 2254 | Physical Science Survey II | | | MAT 1233 | OR | Math Sub-score 20 | OR | Algebra 40 |
| PHY 2414 | General Physics I | | | MAT 1323 or MAT 1613 | OR | Math Sub-score 23 | OR | College Algebra 51 |
| PHY 2424 | General Physics II | PHY 2414 | | | | | | |
| PHY 2514 | General Physics I-A | MAT 1613 or higher | | | | | | |
| PHY 2524 | General Physics II-A | PHY 2514 | | | | | | |
| PSC 1123 | American State & Local Government | PSC 1113 | | | | | | |
| REA 0113 | Beginning Reading | | | | | Reading Sub-score 1 – 11 | OR | Reading 0 – 47 |
| REA 0123 | Intermediate Reading | REA 0113, REA 1013, or REA 1103 with C | | | OR | Reading Sub-score 12 - 14 | OR | Reading 48 – 66 |
| SPT 1113 | Public Speaking I | | | ENG 1113 | OR | English Sub-score 18 | OR | English 65 |
| SPT 1123 | Public Speaking II | SPT 1113 | | | | | | |
| SPT 1131 | Forensics I | SPT 1113 | | | | | | |
| SPT 1141 | Forensics II | SPT 1113 | | | | | | |
| SPT 1163 | Argumentation and Debate | SPT 1113 | | | | | | |
| SPT 1213 | Fundamentals of Theatre Production | | | SPT 1241, SPT 1251, SPT 2241, or SPT 2251 | | | | |
| SPT 2111 | Forensics III | SPT 1113 | | | | | | |
| SPT 2121 | Forensics IV | SPT 1113 | | | | | | |
| SPT 2223 | Stagecraft | | | SPT 1241, SPT 1251, SPT 2241, or SPT 2251 | | | | |