**MCC Associate in Engineering Six Semester Planning Guide 2017-2018**

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| **EXAMPLE STARTING AT MAT 271 CALCULUS I - SEMESTER BY SEMESTER PLAN** | | | | | |
| **Fall 2018** | | **Spring 2018** | | **Summer 2018** | |
| MAT 271 Calculus I | 4 | ENG 112 Writing/Research | 3 | Soc/Behv Elective | 3 |
| ENG 111 Writing and Inquiry | 3 | MAT 272 Calculus II | 4 |  |  |
| CHM 151 Chemistry I | 4 | COM 231 Public Speaking | 3 |  |  |
| EGR 150 Intro to Engineering | 2 | ECO 251 Microeconomics | 3 |  |  |
| CSC 134 C++ Programming | 3 | ACA 122 College Transfer Success | 1 |  |  |
| Total SHC | 16 | Total SHC | 14 |  |  |
|  |  |  |  | Total SHC | 3 |
| **Fall 2019** | | **Spring 2019** | | **Summer 2019** | |
| MAT 273 Calculus III | 4 | PHY 252 Physics II | 4 |  |  |
| PHY 251 Physics I | 4 | MAT 285 Differential Equations | 3 |  |  |
| MAT 280 Linear Algebra | 3 | EGR Elective (220, 212) | 3 |  |  |
| ENG 231 American Literature I | 3 | DFT 170 Engineering Graphics | 3 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Total SHC | 14 | Total SHC | 13 |  |  |
| **EXAMPLE STARTING AT MAT 171 PRE-CALC I - SEMESTER BY SEMESTER PLAN** | | | | | |
|  | | | | | |
| **Fall 2018** | | **Spring 2018** | | **Summer 2018** | |
| MAT 171 Precalculus Algebra | 4 | MAT 172 Precalculus Trig | 4 |  |  |
| ENG 111 Writing and Inquiry | 3 | CHM 151 Chemistry I | 4 |  |  |
| ACA 122 College Transfer Success | 1 | COM 231 Public Speaking | 3 |  |  |
| EGR 150 Intro to Engineering | 2 | ENG 112 Writing/Research | 3 |  |  |
|  |  |  |  |  |  |
| Total SHC | 10 | Total SHC | 14 |  |  |
|  |  |  |  |  |  |
| **Fall 2019** | | **Spring 2019** | | **Summer 2019** | |
| MAT 271 Calculus I | 4 | MAT 272 Calculus II | 4 |  |  |
| CSC 134 C++ Programming | 3 | ECO 251 Microeconomics | 3 |  |  |
| ENG 231 American Literature I | 3 | DFT 170 Engineering Graphics | 3 |  |  |
|  |  | Soc/Behv Elective | 3 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Total SHC | 10 | Total SHC | 13 |  |  |
| **Fall 2020** | | **Spring 2020** | | **Summer 2020** | |
| MAT 273 Calculus III | 4 | PHY 252 Physics II | 4 |  |  |
| PHY 251 Physics I | 4 | MAT 285 Differential Equations | 3 |  |  |
| MAT 280 Linear Algebra | 3 | EGR Elective (220, 212) | 3 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Total SHC | 11 | Total SHC | 10 |  |  |
|  |  |  |  |  |  |