| Suffolk County Community College Mathematics, A.A. |  |  | Molloy University Mathematics, B.A. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Course \# | Course Title | Credits Granted | Course \# | Equivalent Course Title | Credits Accepted |
| COL101 | College Seminar | 1 | FST 1000 | The College Experience | 1 |
| ENG101 | Standard Freshman Seminar | 3 | ENG 1100 | College Composition | 3 |
| MAT141 | Calculus with Analytic Geometry I | 4 | MAT 2210 | Calculus I | 4 |
| CST112 or CSE118 | Introduction to Programming (Suggested) or Fundamentals of Programming | 3-4 | $\begin{aligned} & \hline \text { CSC } 1030 \\ & \text { CSC ELEC } \end{aligned}$ | Visual Programming Computer Science Elective | $3$ |
|  | Physical Education Elective (activity) | 1 |  | Physical Education General Education Requirement | 1 |
|  | Social Sciences Elective | 3 |  | Psychology or Sociology General Education Requirement Suggested | 3 |
| ENG102 | Introduction to Literature | 3 | ENG 1500 | Introduction to Literature | 3 |
| MAT142 | Calculus with Analytic Geometry II | 4 | MAT 2220 | Calculus II | 4 |
|  | History Elective | 3 |  | History General Education Requirement | 3 |
|  | Humanities Elective | 3 |  | Ethics or Religion Requirement Suggested | 3 |
|  | Social Sciences Elective | 3 |  | Psychology or Sociology General Education Requirement Suggested | 3 |
| MAT200 | Language, Logic and Proof | 3 | MAT ELEC | Mathematics Elective | 3 |
| MAT203 | Calculus with Analytic Geometry III | 4 | MAT 2230 | Calculus III | 4 |
|  | SUNY-GER The Arts | 3 |  | Music History or Art History General Education Requirement Suggested | 3 |
|  | Laboratory Science Elective | 4 |  | Science Lab General Education Requirement | 4 |
| MAT204 | Differential Equations | 4 | $\begin{aligned} & \hline \text { MAT } 3420 \\ & \text { MAT ELEC } \\ & \hline \end{aligned}$ | Differential Equations Mathematics Elective | $\begin{aligned} & 3 \\ & 1 \end{aligned}$ |
| MAT206 | Linear Algebra | 4 | $\begin{aligned} & \text { MAT } 2320 \\ & \text { MAT ELEC } \end{aligned}$ | Introduction to Linear Algebra Mathematics Elective | $\begin{aligned} & 3 \\ & 1 \\ & \hline \end{aligned}$ |
|  | Humanities Elective | 3 |  | Ethics or Religion Requirement Suggested | 3 |
|  | Physical Education Elective | 1 |  | Physical Education Elective | 1 |
|  | Laboratory Science Elective | 4 |  | Science Lab Elective | 4 |
|  | Total Credits | 61-62 |  | Total Credits Transferred | 61-62 |
|  |  |  |  | Remaining Credits Needed for Graduation after Transfer | 58-59 |

