# MODEL ROUTE

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|---|---|---|---|
| **School:** | School of Engineering Technology and Applied Science - SDRE | **Program Number:** | 3101 |
| **Program Title:** | **Architectural Technician** | **Credential:** | ☐ Certificate ☐ Graduate Certificate ☐ Degree ☑ Diploma ☐ Advanced Diploma |
| **Program Delivery Mode:** | ☐ Co-Op ☐ Online ☐ Fast Track ☐ Hybrid ☑ Non Co-op | **Duration :** | ☐ 2 Semesters ☐ 3 Semesters ☑ 4 Semesters ☐ 6 Semesters ☐ 8 Semesters |
| **Campus:** | **Morningside** | | |
| **Intake:** | **Fall 2022/Winter 2023** | | |

| Course Code | Course Title | Co/Pre Requisite (Course Code) | Lab Hours | Lecture Hours | Field Placement Hours | Course Delivery ODL=Online BLD=Blended HYB = Hybrid | Total Course Hrs (Lab + Lecture + Field) | Weeks (14) | Total Hours |
|---|---|---|---|---|---|---|---|---|---|
| **Semester 1** | | | | | **Fall 2022/Winter 2023** | | | | |
| ARCH-101 | Design and Computer Aided Drafting Project 1 ◈ | C = ARCH-102 | 8 | 1 | | BLD | 9 | 14 | 126 |
| MATM-101 | Materials and Methods 1 | | 0 | 2 | | | 2 | 14 | 28 |
| ENVR-101 | Environment 1 | | 0 | 2 | | | 2 | 14 | 28 |
| ARCH-102 | Architectural CAD 1 | C = ARCH-101 | 2 | 0 | | | 2 | 14 | 28 |
| MATH-111* | Mathematics for Architecture 1 | | 0 | 3 | | | 3 | 14 | 42 |
| COMM-170/171* | College Communications 2 | | 0 | 3 | | | 3 | 14 | 42 |
| GNED | General Education Elective ◈ | | 0 | 3 | | ODL, BLD, HYB | 3 | 14 | 42 |
| | | | | | | | **Total** | | 336 |
| **Semester 2** | | | | | **Winter 2023/Summer 2023** | | | | |
| ARCH-121 | Design and Computer Aided Drafting Project 2 | P = ARCH-101, ARCH 102 | 8 | 1 | | | 9 | 14 | 126 |
| MATM-122 | Materials and Methods 2 | P = MATM-101 | 0 | 2 | | | 2 | 14 | 28 |
| ENVR-123 | Environment 2 | P = ENVR-101 | 0 | 2 | | | 2 | 14 | 28 |
| ARAP-124 | Applied Physics | P = MATH-111 | 0 | 3 | | | 3 | 14 | 42 |
| MATH-112 | Mathematics for Architecture 2 | P = MATH-111 | 0 | 3 | | | 3 | 14 | 42 |
| GNED-500 | Global Citizenship: From Social Analysis to Social Action ◈ | | 0 | 3 | | ODL, BLD, HYB | 3 | 14 | 42 |
| | | | | | | | **Total** | | 308 |
| **Semester 3** | | | | | **Fall 2023** | | | | |
| ARCH-201 | Design and Computer Aided Drafting Project 3 | P = ARCH-121 | 8 | 1 | | | 9 | 14 | 126 |
| ARCH-206 | History of Architecture | | 0 | 2 | | | 2 | 14 | 28 |
| MATM-202 | Materials and Methods 3 | P = MATM-122 | 0 | 2 | | | 2 | 14 | 28 |
| ENVR-203 | Environment 3 ◈ | P = ENVR-123 | 0 | 2 | | HYB | 2 | 14 | 28 |
| ACHS-204 | Construction Health & Safety ◈ | | 0 | 1 | | ODL | 1 | 14 | 14 |
| ARBC-205 | Builders and Contractors | | 0 | 2 | | | 2 | 14 | 28 |
| | | | | | | | **Total** | | 252 |
| **Semester 4** | | | | | **Winter 2024** | | | | |
| ARCH-221 | Design and Computer Aided Drafting Project 4 | P = ARCH-201 | 8 | 1 | | HYB | 9 | 14 | 126 |
| ARBS-222 | Building Services 1 | | 0 | 2 | | | 2 | 14 | 28 |
| ENVR-223 | Environment 4 ◈ | P = ENVR-203 | 0 | 2 | | HYB | 2 | 14 | 28 |
| ARGR-224 | Architectural Graphics | P = ARCH 201 | 2 | 0 | | | 2 | 14 | 28 |
| ARST-305 | Structures | P = ARAP-124 | 0 | 3 | | | 3 | 14 | 42 |
| GNED | General Education Elective ◈ | | 0 | 3 | | ODL, BLD, HYB | 3 | 14 | 42 |
| | | | | | | | **Total** | | 294 |
| **Minimum Grade Required: Min. Avg. Program GPA > or = 2.0 (C grade average)** | | | | | | | | | |
| | | | | | | | **Total Program Hours:** | | **1190** |

C = Co-Requisite; P = Pre-Requisite

# MODEL ROUTE

| School: | School of Engineering Technology and Applied Science - SDRE | Program Number: | | 3101 | | |
|---|---|---|---|---|---|---|

| Program Title: | **Architectural Technician** | Credential: | ☐ Certificate    ☐ Graduate Certificate    ☐ Degree <br> ☑ Diploma    ☐ Advanced Diploma |
|---|---|---|---|

| Program Delivery Mode: | ☐ Co-Op    ☐ Online <br> ☐ Fast Track    ☐ Hybrid <br> ☑ Non Co-op | Duration : | ☐ 2 Semesters    ☐ 3 Semesters <br> ☑ 4 Semesters    ☐ 6 Semesters <br> ☐ 8 Semesters |
|---|---|---|---|

| Campus: | **Morningside** |
|---|---|

| Intake: | **Fall 2022/Winter 2023** |
|---|---|

| Course Code | Course Title | Co/Pre Requisite (Course Code) | Lab Hours | Lecture Hours | Field Placement Hours | Course Delivery ODL=Online BLD=Blended HYB = Hybrid | Total Course Hrs (Lab + Lecture + Field) | Weeks (14) | Total Hours |
|---|---|---|---|---|---|---|---|---|---|

**Notes:**

◈This course may be offered in one of the following modalities (Online, Hybrid or Blended)

\* MATH -111 & COMM 170/171 must be successfully completed before the start of Semester 3.

Signature:    *Clarence Cheung*          Mar 24 ,2022

           School Dean/Chair                 Revised Date