

MODEL ROUTE

School:

School of Engineering Technology and Applied Science

Program Title:

Game - Programming, Fast Track

Program Delivery Mode:

☒ Co-Op

☐ Online

☒ Fast Track

☒ Hybrid

☐ Non Co-op

Program Number:

3139

Credential:

☐ Certificate

☐ Graduate Certificate

☐ Degree

☐ Diploma

☒ Advanced Diploma

☐ Centennial College Certificate

Duration :

☐ 1 Semesters

☒ 4 Semesters

☐ 2 Semesters

☐ 6 Semesters

☐ 3 Semesters

☐ 8 Semesters

Campus:

PROGRESS

Department Code:

3515

Intake:

Fall 2024 and Winter 2025

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 3

Fall 2024 or Winter 2025

COMM170/171

College Communications 2

P=COMM160 or COMM161

3

ODL

3

14

42

COMP228

Java Programming

P=COMP123

2

2

4

14

56

COMP229

Web Application Development

P=COMP123 and COMP125

2

2

4

14

56

COMP246

Software Systems Design

P=COMP123 and COMP225

2

2

HYB

4

14

56

COMP253

Assets for Game Developers

P=COMP391

2

2

4

14

56

COMP391

Introduction to Game and Simulation

P=COMP100

2

2

4

14

56

GNED500

Global Citizenship: from Social Analysis to Social Action

3

ODL

3

14

42

Total

364

Semester 4

Winter 2025 or Summer 2025

COMP217

C++ for Game Development

P=COMP123

2

2

4

14

56

COMP254

Data Structures and Algorithms

P=COMP228

2

2

4

14

56

COMP305

Game Programming 1

P=COMP123

2

2

4

14

56

COMP311

Software Testing and Quality Assurance

P=COMP123

2

2

HYB

4

14

56

COMP397

Web Game Programming

P=COMP123

1

2

ODL

3

14

42

COOP321

Employment Preplacement

P=COMM160/161 minimum"C" grade; CGPA 2.5; 80% year 1 courses completed

1

ODL

1

14

14

MATH210

Linear Algebra and Statistics

P=MATH175 and MATH185

2

2

HYB

4

14

56

Total

336

Work Term 1

Summer 2025 or Fall 2025

COOP222

Co-op Work Placement 1

Work Term 2

Fall 2025 or Summer 2026

COOP331

Co-op Work Placement 2

Semester 5

Winter 2026

COMP256

Special Topics in Interactive Gaming

P=COMP305

3

3

14

42

COMP280

Multiplayer Game Development

P=COMP123 and COMP217

2

2

4

14

56

COMP290

Game Development Project 1

P=COMP229 and COMP246 and COMP305

2

2

4

14

56

COMP304

Mobile Application Development

P=COMP228

2

2

4

14

56

COMP308

Emerging Technologies

P=COMP228 and COMP229

2

2

4

14

56

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