# Ivy Covered Community College (ICCC)
## Physical ERD

**COURSE**

| | |
|---|---|
| course_code (PK) | VARCHAR2(9) |
| course_title | VARCHAR2(50) |
| hours | NUMBER(3) |
| credits | NUMBER(3) |
| Prerequisite (FK) | VARCHAR2(9) |

**EXPERTISE**

| | |
|---|---|
| course_code (PK)(FK1) | VARCHAR2(9) |
| employee_id (PK)(FK2) | VARCHAR2(9) |
| expertise_level | NUMBER(3) |

**FACULTY**

| | |
|---|---|
| employee_id (PK) | VARCHAR2(9) |
| firstname | VARCHAR2(30) |
| surname | VARCHAR2(30) |
| birthdate | DATE |
| seniority_date | DATE |
| salary | NUMBER(8,2) |
| unit | NUMBER(3) |

**CLASS_SECTION**

| | |
|---|---|
| course_code (PK)(FK1) | VARCHAR2(9) |
| section_code (PK) | VARCHAR2(3) |
| semester (PK) | VARCHAR2(3) |
| year (PK) | VARCHAR2(4) |
| instructor_id (FK2) | VARCHAR2(9) |
| capacity | NUMBER(3) |
| enrolment | NUMBER(3) |

**COURSE_REGISTRATION**

| | |
|---|---|
| student_id (PK)(FK1) | VARCHAR2(9) |
| course_code (PK)(FK2) | VARCHAR2(9) |
| section (PK)(FK2) | VARCHAR2(3) |
| semester (PK)(FK2) | VARCHAR2(3) |
| year (PK)(FK2) | VARCHAR2(4) |
| grade | NUMBER(3) |

**STUDENT**

| | |
|---|---|
| student_id (PK) | VARCHAR2(9) |
| firstname | VARCHAR2(30) |
| surname | VARCHAR2(30) |
| birthdate | DATE |
| gender | VARCHAR2(1) |
| program_of_studies | VARCHAR2(25) |