

--T-003 교사 - 강의스케줄 조회

```
select distinct t.name as 교사명,
               oc.seqOpenCourse as 과정번호,
               bc.name as 과정명,
               to_char(oc.startdate, 'yyyy-mm-dd') as 시작일,
               to_char(oc.enddate, 'yyyy-mm-dd') as 종료일,
               oc.memberCount as 등록인원
from tblOpenCourse oc
   inner join tblBasicCourseInfo bc
       on oc.seqBasicCourseInfo = bc.seqBasicCourseInfo
   inner join tblOpenSubject os
       on os.seqOpencourse = oc.seqOpenCourse
   inner join tblAvailableSubject avs
       on avs.seqAvailableSubject = os.seqAvailableSubject
   inner join tblBasicSubject bs
       on bs.seqBasicSubject = avs.seqBasicSubject
   inner join tblTeacher t
       on t.seqTeacher = avs.seqTeacher
order by oc.seqOpenCourse asc;
```

--교사 강의스케줄 조회 - 교사번호

```
create or replace procedure procTeacherSchedule(
    pseqTeacher in number,
    pcursor out sys_refcursor
)
is
begin

    open pcursor for select seqTeacher, teacherName, seqOpenCourse, courseName,
                           startDate, endDate, memberCount
    from vteacherSchedule --뷰
    where seqTeacher = pseqTeacher;
```

```
end;
```

```
--교사 스케줄 조회 호출 - 교사번호
```

```
declare
```

```
vcursor sys_refcursor;
```

```
vrow vteacherSchedule%rowtype;
```

```
begin
```

```
procTeacherSchedule(1, vcursor);
```

```
loop
```

```
fetch vcursor into vrow;
```

```
exit when vcursor%notfound;
```

```
dbms_output.put_line(vrow.teacherName);
```

```
end loop;
```

```
end;
```

```
--교사스케줄 조회 뷰
```

```
create or replace view vteacherSchedule
```

```
as
```

```
select distinct t.seqTeacher as seqTeacher,
```

```
          t.name as teacherName,
```

```
          oc.seqOpenCourse as seqOpenCourse,
```

```

        bc.name as courseName,
        to_char(oc.startdate, 'yyyy-mm-dd') as startDate,
        to_char(oc.enddate, 'yyyy-mm-dd') as endDate,
        oc.memberCount as memberCount
from tblOpenCourse oc
    inner join tblBasicCourseInfo bc
        on oc.seqBasicCourseInfo = bc.seqBasicCourseInfo
    inner join tblOpenSubject os
        on os.seqOpencourse = oc.seqOpenCourse
    inner join tblAvailableSubject avs
        on avs.seqAvailableSubject = os.seqAvailableSubject
    inner join tblBasicSubject bs
        on bs.seqBasicSubject = avs.seqBasicSubject
    right outer join tblTeacher t
        on t.seqTeacher = avs.seqTeacher
order by oc.seqOpenCourse asc;

```

--교사 스케줄 조회 - 교사명

```
create or replace procedure procTeacherSchedule2(
```

```
    pteacherName in varchar,
```

```
    pcursor out sys_refcursor
```

```
)
```

```
is
```

```
begin
```

```

    open pcursor for select seqTeacher, teacherName, seqOpenCourse, courseName,
    startDate, endDate, memberCount

```

```
    from vteacherSchedule    --부
```

```
    where teacherName like '%pteacherName%';
```

end;

-- T04 배점입출력 관리
-- 해당 교사의 강의 중 끝난 과목들 조회하는 쿼리
-- 배점 관리에 사용

create or replace view vwSubjectInquiry

as

select

os.seqOpenSubject as SubSeq,

t.seqTeacher as tSeq,

bci.name as courseName,

oc.startDate as courseStart,

oc.endDate as courseEnd,

r.name as roomName,

bs.name as subName,

os.startDate as subStart,

os.endDate as subEnd,

b.name as bookName

from tblTeacher t

inner join tblAvailableSubject asj

on t.seqTeacher = asj.seqTeacher

left outer join tblOpenSubject os

on os.seqAvailableSubject = asj.seqAvailableSubject

inner join tblBasicSubject bs

on bs.seqBasicSubject = asj.seqBasicSubject

inner join tblOpenCourse oc

on oc.seqOpenCourse = os.seqOpenCourse

inner join tblBasicCourseInfo bci

```

on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo
inner join tblRoom r
on r.seqRoom = oc.seqRoom
inner join tblBook b
on b.seqbook = bs.seqbook
inner join tblBasicTest bt
on bt.seqOpenSubject =
os.seqopensubject;

```

```

-- 교사 : 학생 배점 수정 프로시저
create or replace procedure procTestPercent(
    subnum in number,
    wpercent in number,
    ppercent in number,
    apercent in number

)
is
begin
update
    tblTestPercent
set
    writtenpercent = wpercent,
    practicalPercent = ppercent,
    attendancePercent = apercent
where
    seqBasicTest = subnum;
end procTestPercent;

```

```

--교사 실기 시험 날짜 수정 프로시저
create or replace procedure procPracticalDate(

```

```
        subnum in number,
        pdate date
    )
is
begin
update
    tblTestPercent
set
    practicaldate = pdate
where
    seqBasicTest = subnum;
end procPracticalDate;
```

```
--교사 필기 시험 수정 프로시저
create or replace procedure procWrittenDate(
    subnum in number,
    wdate date
)
is
begin
update
    tblTestPercent
set
    writtenDate = wdate
where
    seqBasicTest = subnum;
end procWrittenDate;
```

```
-- 특정 과목의 배점, 문제, 시험날짜 등등 출력해주는 뷰
create or replace view vwTestPercentInquiry
```

as

select

tp.seqTestPercent as tpSeq,
bt.seqBasicTest as btSeq,
bt.seqOpenSubject as subSeq,
tp.writtenpercent as written,
tp.practicalpercent as practical,
tp.attendancePercent as attendance,
tp.writtenDate as writtenDate,
tp.practicaldate as practicaldate

from tblTestPercent tp

inner join tblBasicTest bt

on tp.seqBasicTest = bt.seqBasicTest;

-- T05 교사 시험 조회 뷰

-- 교육생 개인이 수강한 모든 개설 과목에 대한 성적 정보 4

create or replace view vwSubjectScoreInquiry

as

select

ts.seqTestPercent as testSeq,
s.seqStudent as stuSeq,
s.name as studentName,
bci.name as courseName,
oc.startDate as courseStart,
oc.endDate as courseEnd,
os.seqOpenSubject,
bs.name as subjectName,
os.startDate as subjectStart,
os.endDate as subjectEnd,

t.name as teacherName,
ts.writtenScore,
ts.practicalScore,
ts.attendanceScore,
rc.studentState,
r.name as roomName,
t.seqTeacher as tSeq

```
from tblOpenSubject os
  right outer join tblAvailableSubject asj
    on asj.seqAvailableSubject = os.seqAvailableSubject
    right outer join tblTeacher t
      on t.seqTeacher = asj.seqTeacher
      left outer join tblBasicSubject bs
        on bs.seqBasicSubject = asj.seqBasicSubject
        left outer join tblBasicTest bt
          on bt.seqOpenSubject = os.seqOpenSubject
          left outer join tblTestPercent tp
            on tp.seqBasicTest = bt.seqBasicTest
            left outer join tblTestScore ts
              on ts.seqTestPercent = tp.seqTestPercent
              left outer join tblRegCourse rc
                on rc.seqRegCourse = tp.seqRegCourse
                right outer join tblStudent s
                  on s.seqStudent = rc.seqStudent
                  left outer join tblopencourse oc
                    on oc.seqopencourse =
os.seqopencourse

                                left outer join

tblBasicCourseInfo bci
```



```

                                on
bci.seqBasicCourseInfo = oc.seqBasicCourseInfo
                                inner join tblroom r
                                on r.seqRoom =
oc.seqRoom

```

-- 시험 점수 업데이트 프로시저(특정과목)

```
create or replace procedure procScoreUpdate(
```

```
    subnum in number,
```

```
    stunum in number,
```

```
    wnum in number,
```

```
    pnum in number,
```

```
    anum in number
```

```
)
```

```
is
```

```
begin
```

```
update tblTestScore set writtenScore = wnum, practicalScore = pnum, AttendanceScore
```

```
= anum where seqTestScore = (select
```

```
    seqTestScore
```

```
    from tblTestScore ts
```

```
    inner join tblTestPercent tp
```

```
    on tp.seqTestPercent = ts.seqTestPercent
```

```
    inner join tblBasicTest bt
```

```
    on bt.seqBasicTest = tp.seqBasicTest
```

```
    inner join tblRegCourse rc
```

```
    on rc.seqRegCourse = tp.seqRegCourse
```

```
where bt.seqOpenSubject = subnum and rc.seqstudent = stunum);
```

```
end procScoreUpdate;
```

```
--시험 점수 업데이트 프로시저(특정교육생)
```

```
create or replace procedure procScoreUpdate2(
```

```
    testnum in number,
```

```
    wnum in number,
```

```
    pnum in number,
```

```
    anum in number
```

```
)
```

```
is
```

```
begin
```

```
update
```

```
    tblTestScore
```

```
set
```

```
    writtenScore = wnum, practicalScore = pnum, AttendanceScore = anum
```

```
where seqTestScore = testnum;
```

```
end procScoreUpdate2;
```

```
-----
```

```
--
```

```
-- T010 출결 조회 *****
```

```
-- T010-1 담당 개설 과정 조회
```

```
-- 개설과정번호, 과정명, 과정시작날짜, 과정종료날짜, 강의실, 강의진행상태
```

```
create or replace procedure procTCourseList(
```

```
    pcursor out sys_refcursor,
```

```

pseqTeacher number      -- 교사번호
)
is
begin
  open pcursor for
  select
    oc.seqopencourse,      -- 과정번호
    bci.name,              -- 과정명
    to_char(oc.startdate, 'yyyy-mm-dd') startDate, -- 과정 시작날짜
    to_char(oc.enddate, 'yyyy-mm-dd') endDate,    -- 과정 종료날짜
    r.name roomName,      -- 강의실명
  case
    when sysdate between oc.startDate and oc.endDate then '진행중'
    when sysdate > oc.endDate then '종료'
    when sysdate < oc.startDate then '개강전'
  end courseRegState      -- 개설과목등록여부
from tblOpenCourse oc
  inner join tblBasicCourseInfo bci
    on oc.seqBasicCourseInfo = bci.seqBasicCourseInfo
  inner join tblRoom r
    on oc.seqroom = r.seqRoom
  inner join tblAssignTeacher at
    on oc.seqOpenCourse = at.seqOpenCourse
  inner join tblTeacher t
    on t.seqTeacher = at.seqTeacher
where t.seqTeacher = pseqTeacher;
end;

-- T010-2 특정 개설과정의 교육생 전체 목록 조회
-- 수강번호, 교육생명, 교육생pw(주민번호뒷자리), 교육생전화번호, 교육생등록날짜,
교육생수료여부
create or replace procedure procTStudentList(
  pcursor out sys_refcursor,
  pseqOpenCourse number      -- 입력한 개설과정 번호

```

```

)
is
begin
    open pcursor for
        select
            rc.seqRegCourse,          -- 수강번호
            s.name studentName,       -- 교육생 이름
            substr(s.ssn, 8, 7) studentPw, -- 교육생pw (주민번호뒷자리)
            s.phone,                  -- 교육생 전화번호
            s.firstRegistrationDate,   -- 교육생 등록날짜
            studentState               -- 교육생 수료여부
        from tblRegCourse rc
            inner join tblStudent s
                on rc.seqStudent = s.seqStudent
                inner join tblOpenCourse oc
                    on oc.seqOpenCourse = rc.seqOpenCourse
                    inner join tblAssignTeacher at
                        on at.seqOpenCourse = oc.seqOpenCourse
                        inner join tblTeacher t
                            on t.seqTeacher = at.seqTeacher
        where oc.seqOpenCourse = pseqOpenCourse;
end;

```

```

-- T010-3 특정 개설과정의 특정 교육생 특정 기간 출결 조회
-- 날짜, 입실시간, 퇴실시간, 출결상태

```

```

create or replace procedure procTattPeriodList(
    pcursor out sys_refcursor,
    pseqOpenCourse number,    -- 입력한 개설과정 번호
    pseqRegCourse number,    -- 입력한 수강번호 (=특정 교육생)
    pstartDate varchar2,     -- 입력한 특정기간(시작일)
    pendDate varchar2        -- 입력한 특정기간(종료일)
)
is

```

```

begin
  open pcursor for
  select
    to_char(vw.CourseDate, 'yyyy-mm-dd') attendDate, -- 교육생 수강날짜
    to_char(a.inTime, 'hh24:mi:ss') inTime, -- 입실시간
    to_char(a.outTime, 'hh24:mi:ss') outTime, -- 퇴실시간
  case
    when a.attendState is null and h.name is not null then h.name -- 공휴일
    when to_char(vw.CourseDate, 'd') in (1, 7) then '휴일'
    when a.attendState is null then '결석'
    else a.attendState
  end attendState -- 출결상태
  from tblRegCourse rc
    inner join tblOpenCourse oc
      on rc.seqOpenCourse = oc.seqOpenCourse
      and rc.seqRegCourse = pseqRegCourse -- 특정 수강번호 (특정 교육생)
      inner join tblBasicCourseInfo bci
        on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo
      inner join tblStudent s
        on rc.seqStudent = s.seqStudent
      inner join tblAttendance a
        on a.seqRegCourse = rc.seqRegCourse
      right outer join (select -- 개설과정테이블에서 특정
        개설과정번호 과정의 (수업시작일 - 종료일)을 가져와 모든 날짜를 출력하는 서브쿼리
          (select startDate
            from tblOpenCourse where
seqOpenCourse = pseqOpenCourse) + level - 1 as courseDate
          from dual
          connect by level < (select
            to_date((case
              when endDate <
sysdate then endDate -- 수강종료일이 현재날짜보다 이후라면 현재날짜까지만
출력한다.
              else sysdate

```

```

end), 'yyyy-mm-
dd')

from tblOpenCourse
where seqOpenCourse =
pseqOpenCourse) - (select
to_date(startDate, 'yyyy-mm-dd')

from tblOpenCourse

where seqOpenCourse = pseqOpenCourse) + 2) vw
on to_date(vw.CourseDate, 'yyyy-mm-dd') =
to_date(a.attendanceDate, 'yyyy-mm-dd')
left outer join tblHoliday h
on vw.courseDate = h.regDate
where vw.courseDate between pstartDate and pendDate
order by vw.courseDate;
end;

```

```

-- T011 교사 평가 조회

```

```

-- (해당 교사가 강의한)과정번호, 과정명, 시작날짜, 종료날짜, 수강인원

```

```

create or replace view vwTeacherRegCourse

```

```

as

```

```

select

```

```

    *

```

```

from vwRegCourse

```

```
where seqTeacher = 1;
```

```
-- 특정 과정 교사 평가 조회
```

```
create or replace view vwTeacherEvaluation
```

```
as
```

```
select
```

```
    rc.seqStudent,
```

```
    s.name,
```

```
    e.processScore,
```

```
    e.understandScore,
```

```
    e.communicationScore,
```

```
    e.usefulScore,
```

```
    e.satisfactionScore
```

```
from tblRegCourse rc
```

```
    left outer join tblEvaluation e
```

```
        on rc.seqRegCourse = e.seqRegCourse
```

```
        inner join tblStudent s
```

```
            on rc.seqStudent = s.seqStudent
```

```
where seqOpenCourse = (select seqOpenCourse from vwTeacherRegCourse where  
seqOpenCourse = 1)
```

```
order by rc.seqStudent;
```

```
select * from vwTeacherEvaluation;
```

```
--
```