register admin interfaces, perform migrations and illustrate data entry through admin forms.

django-admin startproject college

cd college

django-admin startapp students

**students/models.py**

from django.db import models

class Course(models.Model):

name = models.CharField(max\_length=100)

description = models.TextField()

def \_\_str\_\_(self):

return self.name

class Student(models.Model):

first\_name = models.CharField(max\_length=30)

last\_name = models.CharField(max\_length=30)

email = models.EmailField(unique=True)

courses = models.ManyToManyField(Course)

def \_\_str\_\_(self):

return f"{self.first\_name} {self.last\_name}"

**students/admin.py**

from django.contrib import admin

from .models import Student, Course

class CourseAdmin(admin.ModelAdmin):

list\_display = ('name', 'description')

search\_fields = ('name',)

class StudentAdmin(admin.ModelAdmin):

list\_display = ('first\_name', 'last\_name', 'email')

search\_fields = ('first\_name', 'last\_name', 'email')

filter\_horizontal = ('courses',)

admin.site.register(Course, CourseAdmin)

admin.site.register(Student, StudentAdmin)

**college/settings.py**

INSTALLED\_APPS = [

...

'students',

...

]

**College/urls.py**

from django.contrib import admin

from django.urls import path

urlpatterns = [

path('admin/', admin.site.urls),

]