

THE CIVIL ENGINEERING BODY OF KNOWLEDGE

STUDY GUIDE FOR FACULTY



PREPARE THE CIVIL ENGINEER OF TOMORROW



asce.org/engineer-tomorrow | engineertomorrow@asce.org

THE CIVIL ENGINEERING BODY OF KNOWLEDGE STUDY GUIDE

1 THE **CEBOK** IS A ROADMAP TO PREPARE FUTURE CIVIL ENGINEERS



UNDERGRAD & POST-GRAD EDUCATION



MENTORED EXPERIENCE



SELF-DEVELOPMENT

2 OUTLINES LIFELONG LEARNING NEEDED FOR **ACHIEVEMENT OF THE CEBOK**



3 DEFINES THE **KNOWLEDGE, SKILLS, AND ATTITUDES** NEEDED TO PRACTICE



KNOWLEDGE



SKILLS



ATTITUDES

4 DEFINES **21 OUTCOMES**



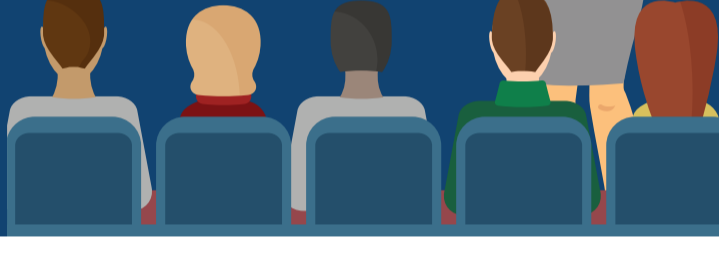
5 PREPARES FUTURE CIVIL ENGINEERS FOR **RESPONSIBLE CHARGE**

DIRECT SUPERVISION

+ CONTROL +

RESPONSIBILITY OF ENGINEERING PROJECTS

RESPONSIBLE CHARGE



HELP STUDENTS CHART THEIR COURSE > HERE'S ONE TYPICAL PATH...

Make sure to introduce all 21 **CEBOK** outcomes



EVERYTHING STARTS WITH **UNDERGRADUATE EDUCATION**

Take the **FUNDAMENTALS OF ENGINEERING (F.E.)** exam



Earn a degree from an **ABET ACCREDITED** program



POST-GRAD EDUCATION AND MENTORED EXPERIENCE



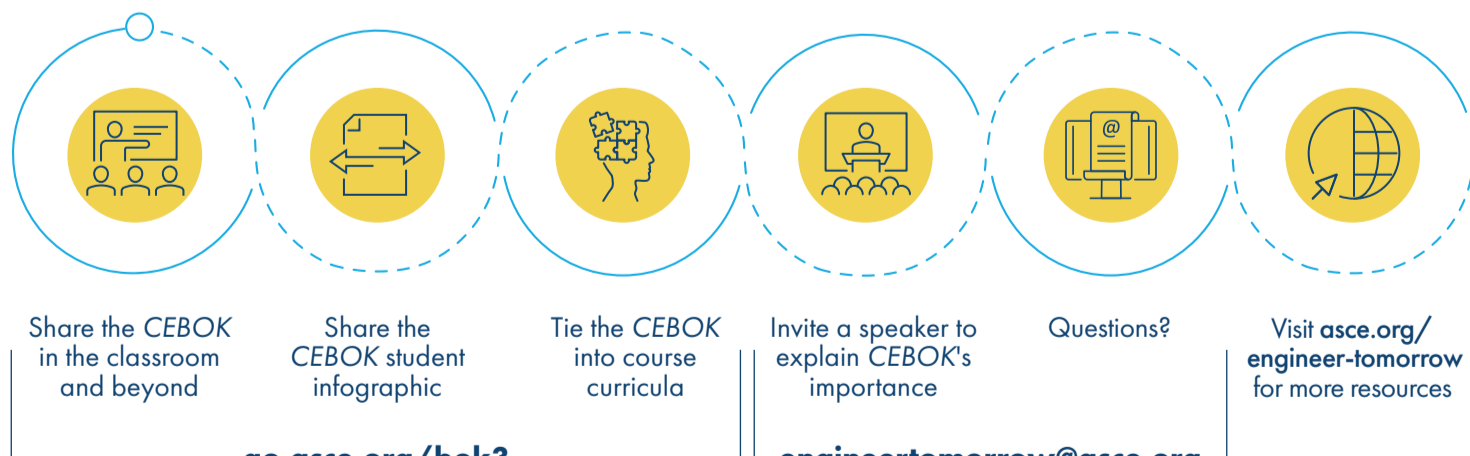
Take the **PRINCIPLES AND PRACTICE IN ENGINEERING (P.E.)** exam

ATTAINING THE **CEBOK** IS A JOURNEY, AND YOU ARE THEIR FIRST GUIDE



LIFELONG LEARNING AHEAD

GET STUDENTS STARTED ON THEIR PATH



FOCUS ON THE FUTURE

Help students attain **CEBOK** outcomes throughout their careers using **ASCE** resources:

ASCE MENTOR MATCH



Mentor Match

ASCE CAREER by DESIGN

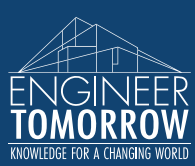
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