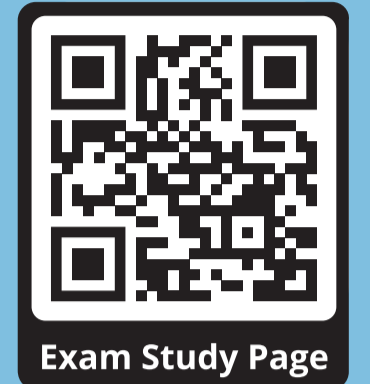# FOUNDATIONS

EXAM
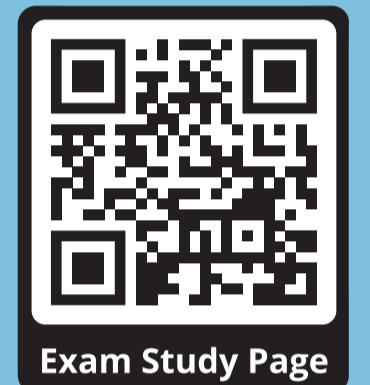### FINANCIAL MATHEMATICS

Exam topics cover fundamental financial mathematics concepts which will be applied to calculate values for various cash flow streams to use with valuing loans and bonds, asset/liability management, and investment income

Exam Study Page

EXAM
PROBABILITY

Exam topics include probability theory, random variables, and distributions and candidates will need to demonstrate an understanding of calculus, insurance, and risk management.

Exam Study Page

VEE
ECONOMICS

Validation by Educational Experience (VEE):
Candidates will take and submit courses that satisfy the VEE requirements, which can be reviewed at soa.org/vee. Candidates must first pass two exams before applying for VEE, though the classes can be taken at any time (before or after sitting for the two exams).

VEE
ACCOUNTING AND FINANCE

E-LEARNING
PRE-ACTUARIAL FOUNDATIONS

This module introduces important concepts and skills that will help candidates in their future actuarial careers. After completing this module, candidates will understand the role of an actuary, what actuaries do in their day-to-day work, and how they incorporate soft skills such as emotional intelligence into their work. Candidates must first pass two exams before registering for PAF.