

## STUDY SESSION

# 10

## Corporate Finance (1)

**T**his study session provides an introduction to corporate governance and investing and financing decisions. An overview of corporate governance is presented along with a framework for understanding and analyzing corporate governance and stakeholder management. The growing impact of environmental and social considerations in investing is also highlighted. Capital budgeting and the assessment of capital investments are covered next. The session ends with practical techniques to estimate a company's or project's cost of capital.

### READING ASSIGNMENTS

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| <b>Reading 31</b> | Introduction to Corporate Governance and Other ESG Considerations<br>by Assem Safieddine, PhD, Young Lee, CFA, Donna F. Anderson, CFA, and Deborah Kidd, CFA |
| <b>Reading 32</b> | Capital Budgeting<br>by John D. Stowe, PhD, CFA, and Jacques R. Gagné, FSA, CFA, CIPM  |
| <b>Reading 33</b> | Cost of Capital<br>by Yves Courtois, CMT, MRICS, CFA, Gene C. Lai, PhD, and Pamela Peterson Drake, PhD, CFA  |

**LEARNING OUTCOMES****READING 31. INTRODUCTION TO CORPORATE GOVERNANCE AND OTHER ESG CONSIDERATIONS**

The candidate should be able to:

- a** describe corporate governance;
- b** describe a company's stakeholder groups and compare interests of stakeholder groups;
- c** describe principal–agent and other relationships in corporate governance and the conflicts that may arise in these relationships;
- d** describe stakeholder management;
- e** describe mechanisms to manage stakeholder relationships and mitigate associated risks;
- f** describe functions and responsibilities of a company's board of directors and its committees;
- g** describe market and non-market factors that can affect stakeholder relationships and corporate governance;
- h** identify potential risks of poor corporate governance and stakeholder management and identify benefits from effective corporate governance and stakeholder management;
- i** describe factors relevant to the analysis of corporate governance and stakeholder management;
- j** describe environmental and social considerations in investment analysis;
- k** describe how environmental, social, and governance factors may be used in investment analysis.

**READING 32. CAPITAL BUDGETING**

The candidate should be able to:

- a** describe the capital budgeting process and distinguish among the various categories of capital projects;
- b** describe the basic principles of capital budgeting;
- c** explain how the evaluation and selection of capital projects is affected by mutually exclusive projects, project sequencing, and capital rationing;
- d** calculate and interpret net present value (NPV), internal rate of return (IRR), payback period, discounted payback period, and profitability index (PI) of a single capital project;
- e** explain the NPV profile, compare the NPV and IRR methods when evaluating independent and mutually exclusive projects, and describe the problems associated with each of the evaluation methods;
- f** contrast the NPV decision rule to the IRR decision rule and identify problems associated with the IRR rule;
- g** describe expected relations among an investment's NPV, company value, and share price.

**READING 33. COST OF CAPITAL**

The candidate should be able to:

- a** calculate and interpret the weighted average cost of capital (WACC) of a company;
- b** describe how taxes affect the cost of capital from different capital sources;
- c** describe the use of target capital structure in estimating WACC and how target capital structure weights may be determined;
- d** explain how the marginal cost of capital and the investment opportunity schedule are used to determine the optimal capital budget;
- e** explain the marginal cost of capital's role in determining the net present value of a project;
- f** calculate and interpret the cost of debt capital using the yield-to-maturity approach and the debt-rating approach;
- g** calculate and interpret the cost of noncallable, nonconvertible preferred stock;
- h** calculate and interpret the cost of equity capital using the capital asset pricing model approach, the dividend discount model approach, and the bond-yield-plus risk-premium approach;
- i** calculate and interpret the beta and cost of capital for a project;
- j** describe uses of country risk premiums in estimating the cost of equity;
- k** describe the marginal cost of capital schedule, explain why it may be upward-sloping with respect to additional capital, and calculate and interpret its break-points;
- l** explain and demonstrate the correct treatment of flotation costs.