

**Ministry of Higher Education and
Scientific Research
Scientific Supervision and Evaluation
Authority
Quality Assurance and Academic
Accreditation Department
Accreditation Section**



Academic Program and Course Description Guide

2025

Introduction:

The educational program is a coordinated and organized package of courses that include procedures and experiences organized in the form of academic vocabulary whose main purpose is to build and refine the skills of graduates, making them qualified to meet the requirements of the labor market, which is reviewed and evaluated annually through internal or external audit procedures and programs such as the external examiner program.

The description of the academic program provides a brief summary of the main features of the program and its courses, indicating the skills that are being worked on to acquire for students based on the objectives of the academic program, and the importance of this description is evident because it represents the cornerstone in obtaining program accreditation and is written jointly by the teaching staff under the supervision of the scientific committees in the scientific departments.

This guide includes a description of the academic program after updating the vocabulary and paragraphs of the previous guide in light of the developments and developments of the educational system in Iraq, which includes a description of the academic program in its modern form (Bologna track and course system) system.

In this regard, we can only emphasize the importance of writing a description of academic programs and courses to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The description of the academic program provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, proving whether he has made the most of the available learning opportunities. It is derived from the description of the program.

Program Vision: An ambitious picture for the future of the academic program to be a sophisticated, inspiring, stimulating, realistic and applicable program.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (courses) system, whether it is a requirement (ministry, university, college and scientific department) with the number of study units.


Learning Outcomes: A compatible set of knowledge, skills and values acquired by the student after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.


Teaching and learning strategies: They are the strategies used by the faculty member to develop the student's teaching and learning, and they are plans that are followed to reach the learning goals. That is, describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

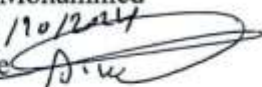
Academic Program Description Form

Academic Program Description Form

University Name: Northern Technical University
Faculty: College. Hawija Technology
Scientific Department: Department of Financial and Banking
Technologies
Academic or Professional Program Name: Bachelor of Banking and
Financial Technologies
Final Certificate Name: Bachelor of Financial and Banking Technologies
Academic system: Bologna track for the first level and courses for the
second level
Description Setup Date: 11/11/9/2024
File filling date: 11/1/10/2024

Signature : 
Scientific Associate Name: Prof. M.
Raed Waadallah Dawood
- 21-10-24

Signature : 
Head of department: Dr.
Mohamed Hussein Gharbi
- 21-10-24

Check the file before
Quality Assurance and Performance Evaluation Division
Name of Director of Quality Assurance and Performance Evaluation Division: Dr.
Awad Issa Mohammed
Date 21/10/2024
Signature 

Dean's Approval

Up. Approved Raed
21-10-2024

1. Program Vision

We look forward to preparing graduates in the field of financial and banking technologies to work in government departments and benefit from specialization in the practical and applied field.

2. Program Mission

Work on preparing and graduating leading scientific and leadership competencies in the field of financial and banking technologies and in developing the knowledge balance in the field of scientific research in the field of banking management to serve the local, regional and international community, as well as training and refining students' minds scientifically and cognitively, emphasizing social and cultural values and responding to the requirements of the local market.

3. Program Objectives

1. The student, whether in preliminary or postgraduate studies, should be fully aware of financial management and bank management in (institutions and companies) that are part of economic, financial, accounting and administrative sciences in order to keep pace with the most important global developments in this field.
2. Guiding the student scientifically based on analysis, interpretation and search for causes and results that the student has the ability to be creative in interpreting.
3. Effective contribution with other administrative and accounting sciences in addressing the problems facing the individual and society
4. Guiding the student scientifically in line with the progress and development in the field of modern financial and banking technologies.
5. Provide them with the methods and skills that enable them to deal with workers in those organizations.
6. Enable the student to understand how to optimize the investment of natural and human resources.

4. Program Accreditation

There isn't any

5. Other external influences

There isn't any

6. Program Structure				
Notes *	Percentage	Unit of study	Number of Courses	Program Structure
Basic Course		22	11	the Requirements of institution
Basic and optional		17	7	College Requirements
compulsory		105	27	Department Requirements
			There is	Summer Training
				Other

* It can include notes whether the course is basic or optional.

Please tick the boxes corresponding to the learning outcomes

7. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Human Rights and Democracy	NTU100	First / 2020-2021
0	2			

8. Expected learning outcomes of the program	
Knowledge	
	Adopt systematic thinking methods that are commensurate with the form and content of the knowledge available through what he studies about democracy and human rights.
Skills	
	Skill in dealing with the most important rights that came in local and international norms and laws
Values	
	Consolidating the values of professional, ethical, legal, security, and societal responsibilities related to

	democracy and human rights.
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9. Teaching and Learning Strategies

- 1- Explain the scientific material to students in detail.
- 2- Participation of students in all ways that lead to the development of knowledge, skills and values of democracy and human rights .
- 3- Discussion and dialogue on vocabulary related to the topic .

10. Evaluation methods

Weekly, monthly, daily exams and end-of-semester exams.

11. Faculty

Faculty Members						
Preparation of the teaching staff		Special Requirements/S kills (if applicable)		Specialization		Academic Rank
lecture r	angel			special	year	
	angel				law	

Professional Development
Mentoring new faculty members
Training courses in the field of democracy and human rights
Professional development of faculty members

12. Acceptance Criterion

central

13. The most important sources of information about the program

Democracy and Human Rights Book

14. Program Development Plan

Using new concepts in shaping values related to freedom and respect for human rights.	
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Program Skills Outline																
Learning outcomes required from the program																
Values				Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level	
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1					
			*				*					*	Essential	Human Rights and Democracy	NTU100	-2024 2020

- Please tick the boxes corresponding to the learning outcomes

15. Program Description					
Credit Hours		Course Name		Course or Course Code	Year / Level
practical		theoretical	English Language	NTU101	First / 2020-2024
0		2			

16. Expected learning outcomes of the program	
Knowledge	
	Providing students with the skills of analysis, criticism, thinking, writing, reading, listening, in addition to producing texts in English
Skills	
	Students become fluent and creative in practicing English.
Values	
	Self-confidence, openness and tolerance.

17. Teaching and Learning Strategies
1- Explain the scientific material to students in detail. 2- Participation of students in the English dialogue among themselves. 3- Discussion and dialogue on vocabulary related to the topic .

18. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

19. Faculty						
Faculty Members						
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel				English Language	
						Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development
Mentoring new faculty members
English Language Training Courses
Professional development of faculty members

20. Acceptance Criterion
central

21. The most important sources of information about the program
English Language Book

22. Program Development Plan
Use new concepts, grammar and sentences in English.

Program Skills Outline															
Learning outcomes required from the program															
Values				Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
			*				*				*	Essential	English Language	NTU101	2023-2024

- Please tick the boxes corresponding to the learning outcomes

23. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Principles of Management	TCH120	First / ۲۰۲۰-۲۰۲۴
3	3			

24. Expected learning outcomes of the program	
Knowledge	
	Enables students to learn about management theories and approaches.
Skills	
	Describe administrative phenomena and analyze the relationships of the problem studied.
Values	
	Fostering entrepreneurship, fostering cooperation and perseverance.

25. Teaching and Learning Strategies
1- Explain the scientific material to students in detail.
2- Brainstorming sessions.

3- Discussion and dialogue on vocabulary related to the topic .

26. Evaluation methods

Weekly, monthly, daily exams and end-of-semester exams.

27. Faculty

Faculty Members

Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel				Business Administration	Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development

Mentoring new faculty members

Developing the technical and professional skills and capabilities of the supporting cadres in the field of specialization to keep pace with modern developments.

Professional development of faculty members

28. Acceptance Criterion

central

29. The most important sources of information about the program

Management Principles Book

30. Program Development Plan

Participate students in the decision-making process, and get feedback from them.

Program Skills Outline															
Learning outcomes required from the program											Basic or optional	Course Name	Course Code	Year / Level	
Values			Skills				Knowledge								
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
			*				*				*	Essential	Principles of Management	TCH120	-2020-2020

- Please tick the boxes corresponding to the learning outcomes

31. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Principles of Economics	TCH123	First / 2020-2020
3	3			

32. Expected learning outcomes of the program	
Knowledge	
	Understand the subject of economics and solve existing economic problems, as well as providing the student with knowledge of ways to improve the economic environment and understand the laws of supply and demand
Skills	
	Understand mathematical methods and methods in solving the problems of economic units.
Values	
	Developing students' abilities to share economic ideas.

33. Teaching and Learning Strategies
1- Explain the scientific material to students in detail. 2- Participation of students in solving economic problems. 3- Discussion and dialogue on vocabulary related to the topic .

34. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

35. Faculty						
Faculty Members						
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel			Quantitative	Economy	
						Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development
Mentoring new faculty members
Developing the technical and professional skills and capabilities of the supporting cadres in the field of specialization to keep pace with modern developments.
Professional development of faculty members

36. Acceptance Criterion
central

37. The most important sources of information about the program
Principles of Economics

38. Program Development Plan

Students' participation in how to employ economic resources in order to produce goods and services that achieve the well-being of members of society.

Program Skills Outline															
Learning outcomes required from the program															
Values				Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
			*				*				*	Essential	Principles of Economics	TCH123	2024-2025

- Please tick the boxes corresponding to the learning outcomes

39. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Principles of Statistics	TCH121	First / 2020-2024
4	3			

40. Expected learning outcomes of the program	
Knowledge	
	Understand and understand the subject of statistics and solve existing administrative problems according to real data.
Skills	
	Understand the methods and methods of collecting data for various phenomena, classify these data in tables, represent them graphically in the form of illustrations, analyze data and draw conclusions from them, use them in decision-making.
Values	
	Developing students' abilities to process available data, whether quantitative or numerical, to reach

	a significant value for the values in question.
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41. Teaching and Learning Strategies
1- Explain the scientific material to students in detail. 2- Students' participation in solving statistical problems. 3- Discussion and dialogue on vocabulary related to the topic .

42. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

43. Faculty						
Faculty Members						
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel				Statistics	
						Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development
Mentoring new faculty members
Developing the technical and professional skills and capabilities of the supporting cadres in the field of statistics principles.
Professional development of faculty members

44. Acceptance Criterion
central

45. The most important sources of information about the program
Principles of Statistics Book

46. Program Development Plan

Students' participation in how to employ statistical issues to enhance content and prove its credibility.

Program Skills Outline															
Learning outcomes required from the program															
Values				Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
			*				*				*	Essential	Principles of Statistics	TCH121	-2024 2020

- Please tick the boxes corresponding to the learning outcomes

47. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Arabic Language	NTU103	First / 2020-2024
0	2			

48. Expected learning outcomes of the program	
Knowledge	
	Enables students to learn the basics of Arabic grammar
Skills	
	<input type="checkbox"/> For conversation: interact with others effectively, express opinions and feelings. <input type="checkbox"/> Grammar: Understand sentence structure and grammar, including grammar and morphology. <input type="checkbox"/> Vocabulary: Expand the vocabulary base to use diverse words and phrases in expression.
Values	
	Fostering entrepreneurship, fostering cooperation and perseverance.

49. Teaching and Learning Strategies
1- Explain the scientific material to students in detail. 2- Brainstorming sessions. 3- Discussion and dialogue on vocabulary related to the topic .

50. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

51. Faculty					
Faculty Members					
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization	
lecturer	angel			special	year
	angel				Arabic Language
Professor, Assistant Professor, Lecturer, Assistant Lecturer					

Professional Development
Mentoring new faculty members
Developing the technical and professional skills and capabilities of the supporting cadres in the field of specialization to keep pace with modern developments.
Professional development of faculty members

52. Acceptance Criterion
central

53. The most important sources of information about the program
Arabic Language Book

54. Program Development Plan

Participate students in the decision-making process, and get feedback from them.
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Program Skills Outline																
Learning outcomes required from the program																
Values				Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level	
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1					
			*				*					*	Essential	Arabic Language	NTU103	-2024 2025

* It can include notes whether the course is basic or optional.

55. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Computer Principles2	NTU201	II / 2024-2025
1	1			

56. Expected learning outcomes of the program	
Knowledge	
	<ul style="list-style-type: none"> - Building an in-depth and solid theoretical scientific knowledge base through which students learn theoretical and practical knowledge in computers and software that present scientific concepts. - Encouraging innovative ideas and projects and developing leadership and creative skills in the field of information technology by urging students to participate in computer events and forums.
Skills	
	Ability to use current technologies, skills and tools necessary to practice computing in the administrative aspects.

Values	
	Understand the professional, ethical, legal, security, and societal responsibilities related to computer science and its uses.

57. Teaching and Learning Strategies
1- Explain the scientific material to students in detail. 2- Students' participation in the use of computers and its applications. 3- Discussion and dialogue on vocabulary related to the topic .

58. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

59. Faculty						
Faculty Members						
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel				Computer Science	
						Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development
Mentoring new faculty members
Computer Training Courses
Professional development of faculty members

60. Acceptance Criterion
central

61. The most important sources of information about the program
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Computer Principles Book

62. Program Development Plan

Using new concepts in the field of computer science and using electronic devices to present information and issues related to them

Program Skills Outline																
Learning outcomes required from the program																
Values				Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level	
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1					
			*				*					*	Essential	Computer Principles2	NTU201	-2024 2020

- Please tick the boxes corresponding to the learning outcomes

63. Program Description					
Credit Hours		Course Name		Course or Course Code	Year / Level
practical		theoretical	English2	NTU200	II / 2024-2025
0		2			

64. Expected learning outcomes of the program	
Knowledge	
	Providing students with the skills of analysis, criticism, thinking, writing, reading, listening, in addition to producing texts in English
Skills	
	Students become fluent and creative in practicing English.
Values	
	Self-confidence, openness and tolerance.

65. Teaching and Learning Strategies
1- Explain the scientific material to students in detail.
2- Participation of students in the English dialogue among themselves.
3- Discussion and dialogue on vocabulary related to the topic .

66. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

67. Faculty						
Faculty Members						
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel				English Language	Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development
Mentoring new faculty members
English Language Training Courses
Professional development of faculty members

68. Acceptance Criterion
central

69. The most important sources of information about the program
English Language Book

70. Program Development Plan
Use new concepts, grammar and sentences in English.

Program Skills Outline															
Learning outcomes required from the program															
Values				Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
			*				*				*	Essential	English 2	NTU200	-2024 2020

- outcomes

Please tick the boxes corresponding to the learning

71. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Professional Ethics	NTU204	II / 2020-2024
0	2			

72. Expected learning outcomes of the program	
Knowledge	
	Providing the student with knowledge of the ethics of the profession that must be enjoyed after graduation and needed during his job.
Skills	
	Studying professional ethics and identifying them and their sources
Values	
	Fostering entrepreneurship, fostering cooperation and perseverance.

73. Teaching and Learning Strategies
1- Explain the scientific material to students in detail. 2- Brainstorming sessions. 3- Discussion and dialogue on vocabulary related to the topic .

74. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

75. Faculty						
Faculty Members						
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel				Business Administration	Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development
Mentoring new faculty members
Developing the technical and professional skills and capabilities of the supporting cadres in the field of specialization to keep pace with modern developments.
Professional development of faculty members

76. Acceptance Criterion
central

77. The most important sources of information about the program
Professional Ethics Book

78. Program Development Plan

Participate students in the decision-making process, and get feedback from them.
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Program Skills Outline																
Learning outcomes required from the program																
Values				Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level	
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1					
			*				*					*	Essential	Professional Ethics	NTU204	2020-2021

- outcomes

Please tick the boxes corresponding to the learning

79. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Banking Marketing	BFMT113	II / 2020-2021
3	3			

80. Expected learning outcomes of the program	
Knowledge	
	<input type="checkbox"/> Understanding the banking market: Learn about the structure of the banking market, competition, and current trends. <input type="checkbox"/> Marketing Strategies: The ability to develop effective marketing strategies commensurate with the bank's services.
Skills	
	<input type="checkbox"/> Market Analysis: Ability to understand market dynamics, analyze trends, and identify opportunities and challenges. <input type="checkbox"/> Developing marketing strategies: The skill of designing marketing strategies that meet

	customer needs and achieve the bank's goals.
Values	
	Fostering entrepreneurship, fostering cooperation and perseverance.

81. Teaching and Learning Strategies
1- Explain the scientific material to students in detail. 2- Brainstorming sessions. 3- Discussion and dialogue on vocabulary related to the topic .

82. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

83. Faculty						
Faculty Members						
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel				Business Administration	Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development
Mentoring new faculty members
Developing the technical and professional skills and capabilities of the supporting cadres in the field of specialization to keep pace with modern developments.
Professional development of faculty members

84. Acceptance Criterion
central

85. The most important sources of information about the program

Banking Marketing Book

86. Program Development Plan

Participate students in the decision-making process, and get feedback from them.

Program Skills Outline															
Learning outcomes required from the program											Basic or optional	Course Name	Course Code	Year / Level	
Values			Skills				Knowledge								
εC	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
			*				*				*	Essential	Banking Marketing	BF MT1 13	-2024 2020

- Please tick the boxes corresponding to the learning outcomes

87. Program Description				
Credit Hours		Course Name	Course or Course Code	Year / Level
practical	theoretical	Accounting principles	TCH122	II / 2020-2024
3	3			

88. Expected learning outcomes of the program	
Knowledge	
	<p>* Understand the basics: Recognize the basic concepts of accounting, such as assets, liabilities, equity, and revenues.</p> <p>* Preparation of financial statements: Ability to prepare basic financial statements such as balance sheet, income statement, and cash flow statement.</p> <p>* Accounting Registration: The skill of using accounting entries to record financial transactions accurately.</p> <p>Understand Generally Accepted Accounting Principles (GAAP): Recognize the accounting principles and standards that govern accounting</p>

	practice.
Skills	
	<input type="checkbox"/> Financial performance evaluation: Use financial ratios and analytical tools to evaluate the company's performance. Budgeting: Ability to develop effective budgets and financial planning. Use of accounting software: The skill of using modern accounting programs such as QuickBooks or Excel.
Values	
	Fostering entrepreneurship, fostering cooperation and perseverance.

89. Teaching and Learning Strategies
1- Explain the scientific material to students in detail. 2- Brainstorming sessions. 3- Discussion and dialogue on vocabulary related to the topic .

90. Evaluation methods
Weekly, monthly, daily exams and end-of-semester exams.

91. Faculty						
Faculty Members						
Preparation of the teaching staff		Special Requirements/Skills (if applicable)		Specialization		Academic Rank
lecturer	angel			special	year	
	angel				accounting	
						Professor, Assistant Professor, Lecturer, Assistant Lecturer

Professional Development
Mentoring new faculty members
Developing the technical and professional skills and capabilities of the supporting cadres in the field of specialization to keep pace with modern developments.
Professional development of faculty members

92. Acceptance Criterion
central

93. The most important sources of information about the program
Accounting Principles Book

94. Program Development Plan
Participate students in the decision-making process, and get feedback from them.

Program Skills Outline															
Learning outcomes required from the program															
Values			Skills				Knowledge				Basic or optional	Course Name	Course Code	Year / Level	
C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1					
		*				*					*	Essential	Accounting principles	TCH 122	-2024 2020

Please tick the boxes corresponding to the learning

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outcomes