

# ACCOUNTING, ASSOCIATE IN APPLIED SCIENCE



College(s): DA, HW, KK\*, OH, TR, WR

Program Code: 0001

*\*Beginning Summer 2016, this program is no longer accepting new students at KK.*

The Associate in Applied Science degree program in Accounting is the study of basic accounting skills. Completion of the program can lead to various levels of accounting positions in accounting firms, retail stores, manufacturing, service business, and small business employment as a junior member of an accounting staff, estimator, credit analyst, budget or general accountant, bank teller, and accounts receivable or accounts payable clerk.

## Program Requirements

### For students enrolling Fall 2023 or earlier

Code	Title	Hours
<b>General Education Coursework</b>		
ENGLISH 101	Composition	3
Additional General Education Courses <sup>1,2</sup>		12
<b>Required Program Core</b>		
BUSINES 111	Introduction To Business	3
BUSINES 181	Financial Accounting	4
BUSINES 182	Managerial Accounting	4
BUSINES 204	Computer Applications Intermediate Accounting	1
BUSINES 205	Intermediate Accounting	3
BUSINES 206	Auditing	3
BUSINES 208	Federal Income Tax	3
BUSINES 211	Business Law I	3
	or BUSINES 211 The Legal & Social Environment of Business	
BUSINES 241	Introduction To Finance	3
BUSINES 250	Computerized Accounting Systems	3
Select one of the following:		3

BUSINES 141	Business Mathematics	
MATH 118	General Education Math (or higher)	
CIS 120	Introduction to Computer Applications	3
<b>Program Electives</b>		
Select a minimum of 9 credit hours from the following courses or others as recommended by a College Advisor:		9
BUSINES 203	Intro Cost Accounting	
CIS 123	Microcomputer Spreadsheets	
CIS 145	Database Management	
CIS 158	Web Development I	
Total Hours		60

1

Select an additional 12 hours of general education courses from Communications, Fine Arts & Humanities, Mathematics, Social and Behavioral Sciences, or Physical Sciences & Life Sciences.

2

At least one course must meet the Human Diversity (HD) requirement.

### For students enrolling Spring 2024 or later

Code	Title	Hours
<b>General Education Coursework</b>		
ENGLISH 101	Composition	3
ECON 201	Principles Of Economics I	3
ECON 202	Principles Of Economics II	3
	or PHIL 107 Ethics	
General Education Mathematics (MATH 118 recommended)		3
Additional General Education Courses <sup>1</sup>		3
<b>Required Program Core</b>		
BUSINES 111	Introduction To Business	3
BUSINES 181	Financial Accounting	4
BUSINES 182	Managerial Accounting	4

BUSINES 204	Computer Applications Intermediate Accounting	1
BUSINES 205	Intermediate Accounting	3
BUSINES 208	Federal Income Tax	3
BUSINES 211	Business Law I	3
or BUSINES 214	The Legal & Social Environment of Business	
BUSINES 250	Computerized Accounting Systems	3
BUSINES 213	Data Visualization and Presentation for Business	3
BUSINES 284	Business Communications	3
or ENGLISH 105	Business Writing	
BUSINES 141	Business Mathematics	3
CIS 123	Microcomputer Spreadsheets	3
<b>Program Electives</b>		
Select a minimum of 9 credit hours from the following courses or others as recommended by a College Advisor.		
BUSINES 183	Payroll Accounting	
BUSINES 203	Intro Cost Accounting	
BUSINES 206	Auditing	
BUSINES 207	Intermediate Accounting II	
CIS 120	Introduction to Computer Applications	
CIS 145	Database Management	
PHIL 107	Ethics	
Total Hours		60

1

At least one course must meet the Human Diversity (HD) requirement.

## Pathway

This is an **example course sequence** for students interested in earning a degree in Accounting. It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn a Basic Certificate (BC) in Accounting Clerk and Associate in Applied Science Degree (AAS) in Accounting. One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below.

## Semester-by-Semester Program Plan for Full-Time Students (Spring 2024 or later)

All plans can be modified to fit the needs of part-time students by adding more semesters.

<b>Semester 1</b>		<b>Hours</b>
BUSINES 111	Introduction To Business	3
BUSINES 141	Business Mathematics	3
CIS 120	Introduction to Computer Applications <sup>2</sup>	3
ENGLISH 101	Composition <sup>1</sup>	3
CIS 123	Microcomputer Spreadsheets	3
Hours		15
<b>Semester 2</b>		
BUSINES 211	Business Law I	3
or BUSINES 214	or The Legal & Social Environment of Business	
ECON 201	Principles Of Economics I <sup>1</sup>	3
Fine Arts & Humanities course (HD) <sup>1</sup>		3
MATH 118	General Education Math (Or Higher)	3-4
BUSINES 181	Financial Accounting	4
Hours		16-17
<b>Semester 3</b>		
BUSINES 250	Computerized Accounting Systems	3

BUSINES 213	Data Visualization and Presentation for Business	3
BUSINES 182	Managerial Accounting	4
BUSINES 284	Business Communications	3
or ENGLISH 105	or Business Writing	
ECON 202	Principles Of Economics II <sup>1</sup>	3
or PHIL 107	or Ethics	
Hours		16
<b>Semester 4</b>		
BUSINES 203	Intro Cost Accounting <sup>2</sup>	3
CIS 145	Database Management <sup>2</sup>	3
BUSINES 204	Computer Applications Intermediate Accounting	1
BUSINES 205	Intermediate Accounting	3
BUSINES 208	Federal Income Tax	3
Hours		13
Total Hours		60-61

1

General Education Requirement

2

Program Elective (p. 2)

## Program Elective Associate in Applied Science Electives

Code	Title	Hours
BUSINES 183	Payroll Accounting	3
BUSINES 203	Intro Cost Accounting	3
BUSINES 206	Auditing	3
BUSINES 207	Intermediate Accounting II	3
CIS 120	Introduction to Computer Applications	3
CIS 145	Database Management	3
PHIL 107	Ethics	3

Choose your courses with your College Advisor.

## Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

## Bookkeeping, Accounting, and Auditing Clerks

### Job Description

Compute, classify, and record numerical data to keep financial records complete. Perform any combination of routine calculating, posting, and verifying duties to obtain primary financial data for use in maintaining accounting records. May also check the accuracy of figures, calculations, and postings pertaining to business transactions recorded by other workers.

### Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$34,109
Median 50 <sup>th</sup> Percentile	\$50,463
Senior-Level 90 <sup>th</sup> Percentile	\$83,547

Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$16
Median 50 <sup>th</sup> Percentile	\$24
Senior-Level 90 <sup>th</sup> Percentile	\$40

Annual Job Openings

3348 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	47.24%
A certificate	20.79%
Some college	4.72%
An Associate degree	8.54%
A Bachelor's degree	12.19%
A Master's or Professional degree	6.52%
A Doctoral degree or more	0.00%

18.71% continue their education beyond an associate degree

Tax Preparers

Job Description

Prepare tax returns for individuals or small businesses.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$29,062
Median 50 <sup>th</sup> Percentile	\$52,238
Senior-Level 90 <sup>th</sup> Percentile	\$143,198

Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$14
Median 50 <sup>th</sup> Percentile	\$25
Senior-Level 90 <sup>th</sup> Percentile	\$69

Annual Job Openings

176 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	36.37%
A certificate	13.64%
Some college	18.18%
An Associate degree	0.00%
A Bachelor's degree	31.82%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

31.82% continue their education beyond an associate degree

Payroll and Timekeeping Clerks

Job Description

Compile and record employee time and payroll data. May compute employees' time worked, production, and commission. May compute and post wages and deductions, or prepare paychecks.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$33,833
Median 50 <sup>th</sup> Percentile	\$54,805
Senior-Level 90 <sup>th</sup> Percentile	\$83,406

Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$16
Median 50 <sup>th</sup> Percentile	\$26
Senior-Level 90 <sup>th</sup> Percentile	\$40

Annual Job Openings

273 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	20.55%
A certificate	0.00%
Some college	30.35%

An Associate degree	17.26%
A Bachelor's degree	31.84%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

31.84% continue their education beyond an associate degree

## Accountants and Auditors

### Job Description

Examine, analyze, and interpret accounting records to prepare financial statements, give advice, or audit and evaluate statements prepared by others. Install or advise on systems of recording costs or other financial and budgetary data.

### Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

#### Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$51,805
Median 50 <sup>th</sup> Percentile	\$83,469
Senior-Level 90 <sup>th</sup> Percentile	\$151,829

#### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$25
Median 50 <sup>th</sup> Percentile	\$40
Senior-Level 90 <sup>th</sup> Percentile	\$73

### Annual Job Openings

2454 annual openings in Cook County

### National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	0.00%
A certificate	0.00%
Some college	39.48%
An Associate degree	14.08%
A Bachelor's degree	43.60%
A Master's or Professional degree	2.84%
A Doctoral degree or more	0.00%

46.44% continue their education beyond an associate degree

## Credit Analysts

### Job Description

Analyze credit data and financial statements of individuals or firms to determine the degree of risk involved in extending credit or lending money. Prepare reports with credit information for use in decisionmaking.

### Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

#### Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$62,086
Median 50 <sup>th</sup> Percentile	\$91,728
Senior-Level 90 <sup>th</sup> Percentile	\$190,655

#### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$30
Median 50 <sup>th</sup> Percentile	\$44
Senior-Level 90 <sup>th</sup> Percentile	\$92

### Annual Job Openings

139 annual openings in Cook County

### National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	0.00%
A certificate	0.00%
Some college	0.00%
An Associate degree	0.00%
A Bachelor's degree	95.00%
A Master's or Professional degree	5.00%
A Doctoral degree or more	0.00%

100.00% continue their education beyond an associate degree

## Budget Analysts

### Job Description

Examine budget estimates for completeness, accuracy, and conformance with procedures and regulations. Analyze budgeting and accounting reports.

### Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

**Annual Wages**

Entry-Level 10 <sup>th</sup> Percentile	\$63,697
Median 50 <sup>th</sup> Percentile	\$94,648
Senior-Level 90 <sup>th</sup> Percentile	\$132,911

**Hourly Wages**

Entry-Level 10 <sup>th</sup> Percentile	\$31
Median 50 <sup>th</sup> Percentile	\$46
Senior-Level 90 <sup>th</sup> Percentile	\$64

**Annual Job Openings**

22 annual openings in Cook County

**National Education Attainment**

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	10.06%
A certificate	0.00%
Some college	3.28%
An Associate degree	10.63%
A Bachelor's degree	63.99%
A Master's or Professional degree	12.04%
A Doctoral degree or more	0.00%

76.03% continue their education beyond an associate degree