Redesigning College for Student Success: A Clearer Path

Bakersfield College
February 2016

Davis Jenkins
Community College Research Center

@CommunityCCRC
#RedesigningCCs
New Students Want to Know

- What are my career options?
- What are the education paths to those careers?
- What will I need to take?
- How long will it take and how much will it cost?
- How much financial aid can I get?
- Will my credits transfer?
GENERAL EDUCATION REQUIREMENTS

(Select 12 courses from this list of more than 300)

Basic Liberal Studies Requirements: [2 courses must include the Diversity (D) overlay]

English Communication: 6 credits; 3 credits must be in a writing course
- Writing (ECw): ELS 112, 122 (nonnative speakers); HPR 326; WRT 104, 105, 106, 201, 227, 235, 302, 303, 304(D), 305(D), 333.
- General (EC): COM 100(D), 110(D); LIB 120; PHL 101.

Fine Arts and Literature (A): 6 credits; 3 credits in Fine Arts and 3 credits in Literature
- Fine Arts: ARH 120(D), 252(D); ART 101, 207; FLM 101(D), 203(D), 204(D), 205(D); HPR 105, 124, 210A, 202A, 324; LAR 201; MUS 101(D), 106(D), 111, 292(D), 293(D); PLS 233; SPA 320(D); THE 100, 181, 351(D), 352(D), 381, 382, 383.
- Literature: AAF 247(D), 248(D); CLA 391(D), 395(D), 396(D), 397(D); CLS 160(D); ENG 110(D), 160(D), 241(D), 242(D), 243(D), 247(D), 248(D), 251(D), 252(D), 260(D), 262(D), 263(D), 264(D), 265(D), 280(D), 300(D), 302(D), 303(D), 304(D), 317(D), 335(D), 337(D), 358(D); FRN 309(D), 310(D), 320(D), 391(D), 392(D), 393(D); HPR 105, 125, 201A, 202A; RUS 391(D), 392(D); SPA 305(D), 306(D), 307(D), 308(D); WMS 317(D).

Language/Culture (FC): 6 credits
- Demonstration of competence through the intermediate level by examination or successfully completing through 104 (living language) or 302 (classical language).
- Two-course sequence (or one course at the 111 level) in a previously studied language through the appropriate level (all D): ARB 103, 104; CHN 103, 104; FRN 103, 104; GER 103, 104; GRK 301, 302; HBW 103, 104; ITL 103, 104, 111; JPN 103, 104; LAN 193, 194; LAT 301, 302; POR 103, 104; RUS 103, 104, 111, 112, 210.
- Two-course sequence (or one course at the 111 level) in a language not previously studied (or studied for less than two years in high school) through the beginning level: ARB 101, 102; CHN 101, 102; FRN 101, 102; GER 101, 102; GRK 101, 102; HBW 101, 102; ITL 101, 102; JPN 101, 102; LAN 191, 192; LAT 101, 102; POR 101, 102; RUS 101, 102; SPA 101, 102.
- Study abroad in an approved program for one semester.
- Major in a foreign language.
- Formerly registered international students, students with recognized immigrant status, or naturalized citizens (at Dean’s discretion).
- Two courses in Cross-Cultural Competence: CPL 300(D); FRN 309(D), 310(D), 320(D), 391(D), 392(D), 393(D); HIS 132(D), 171(D), 172(D), 180(D), 311(D), 327(D), 374(D), 375(D); HPR 201(F), 202(F); LET 151(L), 151(Q), 151(R); NRS 300; PHL 331(D); RLS 131(D); SPA 320(D), TMD 224(D); six credits of a full-semester approved Intercultural Internship in a foreign country through the Office of Internships and Experiential Education.

Letters(L): 6 credits
- AAF 150(D), 201(D), 355(D), 356(D); APG 327; BGS 392(D); CLS 160(D), 235; EGR 316(D); ENG 110(D), 160(D), 243(D), 251(D), 252(D), 280(D), 355(D), 356(D); FRN 391(D), 392(D), 393(D); HIS 111, 112, 113(D), 114(D), 116, 117, 118(D), 130(D), 132(D), 141(D), 142(D), 145(D), 146(D), 150(D), 156(D), 171(D), 172(D), 180(D), 304, 305, 310(D), 311(D), 314, 323(D), 327(D), 332(D), 333(D), 340(D), 341(D), 342(D), 343(D), 351(D), 352(D), 354(D), 374(D), 375(D); HPR 107, 201(L), 202(L), 307; JOR 110(D); LAR 202(D); LET 151(L), 151(Q), 151(R); NUR 360(D); PHL 101, 103, 204, 210(D), 212(D), 215, 217(D), 235, 314, 316(D), 321, 322, 323(D), 325(D), 328(D), 336(D), 345, 355; PSC 341, 342, PSY 310; RLS 111(D), 125, 126, 131(D); TMD 220(D), 315(D), 320(D).

Mathematics(MQ): 3 credits satisfied by MTH 141

Natural Sciences(N): 6 credits; satisfied by PHY
- AFS 190, 210, 211; APG 201(D); AST 108, 118; AVS 101(D); BCH 190; BIO 101, 102, 105, 106, 286(D); BPS 201; CHM 100, 101, 103, 112; GEO 100, 102, 103, 110, 113, 120; HPR 109, 201N, 202N; MIC 190; NFS 207; NRS 190; OCG 110, 123, 131; PHY 109, 111, 112, 140, 185, 186, 203, 204, 205, 273, 274, 275; PLS 150, 190; TMD 113.

Social Sciences(S): 6 credits
- APG 200(D), 202, 203(D), 301(D); CPL 202(D); ECN 100(D), 201, 202, 306, 381(D); EDC 102(D); EEC 105, 310, 356; GEG 101(D), 104(D), 202(D); HDF 225; HPR 110(D); 201S, 202S; HSS 130; JOR 110(D); KIN 123(D); LIN 200(D); MAF 100; NUR 150(D); PSC 113(D), 116(D), 274(D); 288; PSY 103(D), 113(D), 232(D), 235(D), 254(D), 255(D); SOC 100(D), 212(D), 230(D), 240(D), 242(D), 274(D); TMD 224(D); WMS 150(D).
Bakersfield College General Education
Specific Requirements

1. English: A minimum of three units designed to enhance student skills in expository and argumentative writing. Courses in language that use the principles and applications of language to promote logical and critical evaluation of written communication may be taken to satisfy this requirement. A college-level composition course or an introductory level composition course may be used to meet this requirement.

ENGL B1, B1a; ENSL B1.

2. Speech: A minimum of three units designed to enhance student skills in oral communication, interpersonal communication and logical reasoning in speech communication. Courses in this area emphasize critical analysis in both argumentation and debate.

BUS B3 (SPCH B3), SPCH B1, B2, B3 (BUS B3).

3. Social Sciences: A minimum of six units for AA degree, three units for AS degree. At least one course must be from category (a). Coursework designed to help the student explore the study of human phenomena through the disciplines of history, political science, economics, and other related disciplines. Courses in this area focus on the past relations of human activity and its development in the institutions of national and world societies.

(a) American History and Politics:

(b) Other Social Science Courses: Any listed above, or JRNL B1*, or ECON B1, or ECON B2 or GEOG B2*, POLS B2*, or POLS B3*, or POLS B16, or BSAD B20, or BUS B40.

4. Behavioral Sciences: A minimum of three units designed to introduce the student to the study of human behavior. Courses in the disciplines of anthropology, psychology, sociology, child development and other related courses can be taken to meet this requirement.

ANTH B2*, B5; BUS B5; PSYC B1a, B38; CHDV B13a; GERO B8 (HMSV B8, PSYC B8); HMSV B8 (GERO B8, PSYC B8); PSYC B8 (GERO B8, HMSV B8); SOCI B1*, B30, B36 (CHST B36)

5. Natural Sciences: A minimum of three units that introduce the student to the world of scientific inquiry. Courses in the departments of biology, chemistry, geology, physics, and other related areas may be taken to satisfy this requirement.

Life Sciences: ANSC B1; ANTH B1; BIOL B3a, B7, B10, B11, B14, B16, B18, B20; CHEM B49 (ENVT B49); CRPS B1; ENVT B49 (CHEM B49); NUTR B10; FORE B2; SOIL B1.


6. Humanities: A minimum of three units exploring the visual and performing arts, philosophy, literature, and the foreign languages. Courses in this area examine the cultural and artistic expression of man in the aesthetic environment.

ARCH B1; ART B1, B2ab, B2ef, B3ab, B3ef, B5ab, B7ab, B9ab, B11ab, B17ab, B20, B30a, B30b, B30c, B30d, ASL B1, B2, B3, ENGL B1b, B2, B5a, B5b, B10, B11, B12, B20ab, B21, B23, B27, B28, B29, B30a, B30b, B35, B41a, B41b, B41c, B41d; ENSL B2, B22, B31; FREN B1, B2, B3, B4; GERM B1ab, B2; JAPN B1, B2; SPAN B1ab, B2ab, B3, B4, B10, MUSC B2, B4ab, B5ab, B6ab, B9ab, B10a, B10b, B10c, B10d, B12a, B12b, B12c, B12d, B13a, B13b, B13c, B13d, B14a, B14b, B14c, B14d, B15a, B15b, B17a, B17b, B17c, B17d, B21ab, B22, B23, B24*, B27; PHIL B6a, B6b, B10, B12, B14, B32, B33, B37*; SPCH B21*; THEA B1, B2ab, B4, B5, B6, B7, B8, B12a, B20, B27, B28, B30, B31, B32, B35, B22, B228.

7. Mathematics, Logic, Computer Science: A minimum of three units designed to develop skills in solving problems, mathematical and logical thinking. Courses in the areas of mathematics, behavioral science, philosophy, and computer science may be taken to meet this requirement.

BEHS B5 (PSYC B5); COMS B11, B12, B13; ENGR B19/B19p; MATH BA, BB, BC, BD, B1, B2, B6a, B16, B22, B23, B200a, B200d; PHIL B7, B9; PSYC B5 (BEHS B5).

8. Health Education: A minimum of two units designed to introduce the student to health related issues in society today.

CHDV B49; HLED B1; MEDS B35, or completion of an approved Allied Health Program (RN, Rad T, or LVN).

9. Physical Education: A minimum of two units designed to promote health and an understanding of leisure time through physical activity. Courses in individual and group activities can be taken to meet this requirement.

All activity courses numbered 3 through 33. (Students planning to enter the physical therapy program must complete a minimum of 9 units in physical education.)
Dev Ed Sorting System

Student Progression Through the Developmental Math Sequence

100% (63,650) Referred to 3+ Levels of Remediation

26% Did Not Enroll in Next Course

15% Level 2 Course

7% Level 1 Course

4% Gatekeeper

2% Passed Gatekeeper Math

9% Did Not Pass/Complete Course

Source: CCRC
Dev Ed Sorting System

Student Progression Through the Developmental Reading Sequence

100% (11,210)

- Referred to 3+ Levels of Remediation: 17%
- Level 3+ Course: 9%
- Level 2 Course: 4%
- Level 1 Course: 2%
- Gatekeeper: 2%
- Did Not Enroll in Next Course: 29%
- Did Not Pass/Complete Course: 4%

Source: CCRC
# Statway Sample

<table>
<thead>
<tr>
<th></th>
<th>Cohort 1</th>
<th>Cohort 2</th>
</tr>
</thead>
<tbody>
<tr>
<td># Colleges</td>
<td>17</td>
<td>15</td>
</tr>
<tr>
<td>Sample Size</td>
<td>928 vs. 4549</td>
<td>771 vs. 3583</td>
</tr>
<tr>
<td>Success Rate</td>
<td>48% vs. 16%</td>
<td>52% vs. 14%</td>
</tr>
</tbody>
</table>

**Note.** Two colleges were excluded from Cohort 2 analysis (including matching) due to no data from Fall 2012 or no data on prior courses for Statway students.
Note. Data from unknown gender status were not presented; very few were unknown. “Other” also contains data from unknown status.
Effects Across the Pathways Networked Improvement Communities

- Traditional Sequence
  - 1 Year: 6%
  - 2 Years: 15%

- Statway
  - 1 Year: 51%
  - 2 Years: 15%

Triple the success rate in half the time.
Accelerating College Entry

Tennessee Dev Ed Co-Requisite Pilot: College Math Pass Rate by ACT

Source: TN BOR
Accelerating College Entry

Tennessee Dev Ed Co-Requisite Pilot: College Engl Pass Rate by ACT

<table>
<thead>
<tr>
<th>Year</th>
<th>Pre-requisite Model: Fall 2012 Cohort</th>
<th>Co-requisite Models: Fall 2014 Cohort*</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>22%</td>
<td>64%</td>
</tr>
<tr>
<td>13</td>
<td>25%</td>
<td>63%</td>
</tr>
<tr>
<td>14</td>
<td>28%</td>
<td>70%</td>
</tr>
<tr>
<td>15</td>
<td>33%</td>
<td>79%</td>
</tr>
<tr>
<td>16</td>
<td>37%</td>
<td>76%</td>
</tr>
<tr>
<td>17</td>
<td>38%</td>
<td>74%</td>
</tr>
<tr>
<td>No ACT</td>
<td>25%</td>
<td>78%</td>
</tr>
<tr>
<td>Total</td>
<td>31%</td>
<td>74%</td>
</tr>
</tbody>
</table>

Source: TN BOR
Accelerating College Entry

TN Community Colleges Co-Req System-wide Scaling
Percentage of Students Successful in College Level Math - Fall 2015

Source: TN BOR
Accelerating College Entry

TN Community Colleges Co-Req System-wide Scaling
Percentage of Students Successful in College Level Writing - Fall 2015

Source: TN BOR
Returning Students Ask

- How far along am I toward completing my program? Am I on-schedule?
- How much more will I have to pay?
- What will I need to take next term and what will my scheduled be?
- What if I want to change programs?
- How can I get work experience in my field of interest?
Ideal CC Student Pathways

Source: Crosta, 2013.
Actual CC Student Pathways

Source: Crosta, 2013.
First Year to Second Year Retention, Georgia State University

FALL '00 | FALL '01 | FALL '02 | FALL '03 | FALL '04 | FALL '05 | FALL '06 | FALL '07 | FALL '08
---|---|---|---|---|---|---|---|---
80% | 82% | 81% | 83% | 80% | 81% | 82% | 83% | 83%
First Year Retention & Sophomore Status Rates - Georgia State University

<table>
<thead>
<tr>
<th>Year</th>
<th>Retention</th>
<th>Retained &amp; Sophomore</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALL '00</td>
<td>80%</td>
<td>22%</td>
</tr>
<tr>
<td>FALL '01</td>
<td>82%</td>
<td>27%</td>
</tr>
<tr>
<td>FALL '02</td>
<td>81%</td>
<td>28%</td>
</tr>
<tr>
<td>FALL '03</td>
<td>83%</td>
<td>33%</td>
</tr>
<tr>
<td>FALL '04</td>
<td>80%</td>
<td>35%</td>
</tr>
<tr>
<td>FALL '05</td>
<td>81%</td>
<td>39%</td>
</tr>
<tr>
<td>FALL '06</td>
<td>82%</td>
<td>49%</td>
</tr>
<tr>
<td>FALL '07</td>
<td>83%</td>
<td>62%</td>
</tr>
<tr>
<td>FALL '08</td>
<td>83%</td>
<td>67%</td>
</tr>
</tbody>
</table>
Cafeteria College

Paths to student goals unclear

Intake sorts, diverts students

Students’ progress not monitored

Learning outcomes not defined and assessed across programs

Churning

Early transfer

Completion

Excess credits

Time to degree

Skill building
Guided Pathways College

- Clear roadmaps to student goals
- Intake redesigned as an on-ramp
- Students’ progress closely tracked
- Learning outcomes/assessments aligned across programs

↓ Churning
↓ Early transfer
↑ Completion
↓ Excess credits
↓ Time to degree
↑ Skill building
## Cool Majors

Do you want to be part of the next big thing? ASU develops innovative, interdisciplinary degrees that address the needs of employers.

<table>
<thead>
<tr>
<th>Major (Concentration)</th>
<th>Degree</th>
<th>Major Map</th>
<th>Campus/Location</th>
<th>College/School</th>
<th>Compare up to 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy</td>
<td>BS</td>
<td>Major Map</td>
<td>Tempe, West</td>
<td>W. P. Carey School of Business</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Aerospace Engineering (Autonomous Vehicle Systems)</td>
<td>BSE</td>
<td>Major Map</td>
<td>Tempe</td>
<td>Ira A. Fulton Schools of Engineering</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Applied Biological Sciences</td>
<td>BS</td>
<td>Major Map</td>
<td>Polytechnic WTC</td>
<td>School of Letters and Sciences</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Applied Biological Sciences (Sustainable Horticulture)</td>
<td>BS</td>
<td>Major Map</td>
<td>Polytechnic WTC</td>
<td>School of Letters and Sciences</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Applied Computer Science</td>
<td>BS</td>
<td>Major Map</td>
<td>Polytechnic WTC</td>
<td>College of Technology and Innovation</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Applied Computing</td>
<td>BS</td>
<td>Major Map</td>
<td>West WTC</td>
<td>New College of Interdisciplinary Arts and Sciences</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Applied Mathematics</td>
<td>BS</td>
<td>Major Map</td>
<td>West WTC</td>
<td>New College of Interdisciplinary Arts and Sciences</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Applied Science</td>
<td>BAS</td>
<td>Major Map</td>
<td>Polytechnic WTC</td>
<td>College of Technology and Innovation</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Applied Science (Accelerated)</td>
<td>BAS</td>
<td>Major Map</td>
<td>West WTC</td>
<td>New College of Interdisciplinary Arts and Sciences</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Applied Science (Software and Computing Systems)</td>
<td>BAS</td>
<td>Major Map</td>
<td>Polytechnic WTC</td>
<td>College of Technology and Innovation</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Art (Intermedia)</td>
<td>BFA</td>
<td>Major Map</td>
<td>Tempe</td>
<td>Herberger Institute for Design and the Arts</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>BS</td>
<td>Major Map</td>
<td>Tempe</td>
<td>College of Liberal Arts and Sciences</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>BA</td>
<td>Major Map</td>
<td>Tempe</td>
<td>College of Liberal Arts and Sciences</td>
<td>☐ compare ☐ save</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>BS</td>
<td>Major Map</td>
<td>Tempe</td>
<td>College of Liberal Arts and Sciences</td>
<td>☐ compare ☐ save</td>
</tr>
</tbody>
</table>
Accountancy, BS

View the required courses: 2014 - 2015 Major Map Archives

W. P. Carey School of Business
Study at: Tempe campus, West campus
BAACCBS

Program Description

The School of Accountancy's undergraduate program offers two tracks during the senior year. The accounting track is followed by most students and is designed to provide a rich educational experience. The accounting master's internship is the track designed for our most highly qualified students who wish to commit to the MAcc program or the MTax program during the second semester of the junior year. The internship provides a particularly rich and individualized educational experience during the senior year. It includes a number of distinct advantages for students:

- a full-time paid internship for credit
- early consideration for scholarships and graduate assistantships
- waiver of the GMAT requirement for admission to the MAcc or MTax program

Additional Program Fee: Yes

Second Language Requirement: No

First Required Math Course: MAT 210 - Brief Calculus.

Program Math Intensity: Moderate

Accelerated Degrees

This degree is also offered as an accelerated degree with:

- Accountancy (MAcc)
- Taxation (MTax)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their junior and senior years by their undergraduate faculty advisor.

future students

Apply Now

Request Info

accelerated

this degree is also available with an accelerated graduate degree

see details
General University Admission Requirements:

All students are required to meet general university admission requirements.  Freshman  |  Transfer  |  International  |  Readmission

Additional Requirements:

Freshmen admission requirements: 1160 SAT Reasoning OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (A=4.00).

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey's business BA programs or any other degree program outside W. P. Carey School of Business. Students who are not admissible to a W. P. Carey Business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a Business BA program in W. P. Carey School of Business.

Readmission requirements: must meet Freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 SAT score OR 25 ACT score OR the student must have graduated in the top eight percent of high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey's Business BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in Exploratory Social and Behavioral Sciences in the School of Letters and Sciences.

Students with more than 45 transfer hours who are not admissible to the School of Letters and Sciences will be contacted to select an appropriate major.
Transfer Agreements

ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District
Arizona Western College
Central Arizona College
Coconino Community College
Eastern Arizona College
Pima Community College
Yavapai College

If your college or university is not listed, please click here.
Career Opportunities

The major in accountancy includes the essential academic preparation for students who are:

- planning to pursue a graduate degree or attend law school
- pursuing professional careers in public, corporate and governmental accounting
- seeking positions in consulting, or planning to operate a business
- seeking positions in personal financial planning and portfolio analysis

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2010-2011) states, "Employment of accountants and auditors is expected to grow by 22 percent between 2008 and 2018, which is much faster than the average for all occupations. Job opportunities should be favorable; accountants and auditors who have a professional certification, especially CPAs, should have the best prospects."

Example Careers: Students who complete this degree program may be prepared for the following careers. Advanced degrees or certifications may be required for academic or clinical positions. Career examples include but are not limited to the following:

<table>
<thead>
<tr>
<th>Career</th>
<th>*growth</th>
<th>*median salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountants</td>
<td>21.65%</td>
<td>$63,550</td>
</tr>
<tr>
<td>Auditors</td>
<td>21.65%</td>
<td>$63,550</td>
</tr>
<tr>
<td>Budget Analysts</td>
<td>15.09%</td>
<td>$69,280</td>
</tr>
<tr>
<td>Business Intelligence Analysts</td>
<td></td>
<td>$81,140</td>
</tr>
<tr>
<td>Business Teachers, Postsecondary</td>
<td>15.12%</td>
<td>$73,660</td>
</tr>
<tr>
<td>Credit Analysts</td>
<td>15.02%</td>
<td>$61,080</td>
</tr>
<tr>
<td>Financial Analysts</td>
<td>19.81%</td>
<td>$76,950</td>
</tr>
<tr>
<td>Financial Examiners</td>
<td>41.16%</td>
<td>$75,800</td>
</tr>
<tr>
<td>Financial Managers, Branch or Department</td>
<td>7.65%</td>
<td>$109,740</td>
</tr>
<tr>
<td>Tax Examiners and Collectors, and Revenue Agents</td>
<td>13.03%</td>
<td>$50,440</td>
</tr>
<tr>
<td>Treasurers and Controllers</td>
<td>7.65%</td>
<td>$109,740</td>
</tr>
</tbody>
</table>

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).
Potential job titles in this career

Credit Union Examiner, Examining Officer, Principal Examiner, Supervisory Examiner

* Additional schooling, certification, or degrees maybe be required for some of the potential careers that are listed.

What will I do?

- Review balance sheets, operating income and expense accounts, and loan documentation to confirm institution assets and liabilities.
- Direct and participate in formal and informal meetings with bank directors, trustees, senior management, counselors, outside accountants and consultants to gather information and discuss findings.
- Review audit reports of internal and external auditors to monitor adequacy of scope of reports or to discover specific weaknesses in internal routines.
- Train other examiners in the financial examination process.
- Review and analyze new, proposed, or revised laws, regulations, policies, and procedures to interpret their meaning and determine their impact.
- Examine the minutes of meetings of directors, stockholders and committees to investigate the specific authority extended at various levels of management.
- Confer with officials of real estate, securities, or financial institution industries to exchange views and discuss issues or pending cases.
- Establish guidelines for procedures and policies that comply with new and revised regulations and direct their implementation.
- Evaluate data processing applications for institutions under examination to develop recommendations for coordinating existing systems with examination procedures.
- Verify and inspect cash reserves, assigned collateral, and bank-owned securities to check internal control procedures.
### Employment Trends

<table>
<thead>
<tr>
<th>Location</th>
<th>Pay Period</th>
<th>10%</th>
<th>25%</th>
<th>Median%</th>
<th>75%</th>
<th>90%</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>Hourly</td>
<td>$20.79</td>
<td>$27.12</td>
<td>$36.44</td>
<td>$51.36</td>
<td>$67.59</td>
</tr>
<tr>
<td></td>
<td>Yearly</td>
<td>$43,240</td>
<td>$56,420</td>
<td>$75,800</td>
<td>$106,820</td>
<td>$140,580</td>
</tr>
<tr>
<td>Arizona</td>
<td>Hourly</td>
<td>$20.31</td>
<td>$23.07</td>
<td>$31.40</td>
<td>$43.33</td>
<td>$56.41</td>
</tr>
<tr>
<td></td>
<td>Yearly</td>
<td>$42,230</td>
<td>$47,980</td>
<td>$65,300</td>
<td>$90,130</td>
<td>$117,330</td>
</tr>
</tbody>
</table>

Employment (2010) - 29,300 employees

Projected growth (2010 - 2020) - Growing faster than average

Projected job openings (2010 - 2020) - 14,100

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).
2014 - 2015 Major Map
Accountancy, BS
W. P. Carey School of Business
Tempe campus, West campus
BAACCBS

<table>
<thead>
<tr>
<th>Term 1</th>
<th>0 - 16 Credit Hours</th>
<th>Critical course signified by 1</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 105: Computer Applications and Information Technology (CS)</td>
<td>3</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACC 101: Accountancy LEAP Program</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 210: Brief Calculus (MA)</td>
<td>3-4</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Historical Awareness (H)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities, Arts and Design (HU)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum 2.00 GPA ASU Cumulative.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term hours subtotal: 16-17

- An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses.
- ASU Math Placement Exam score determines placement in Mathematics course.
- ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
- See academic advisor for appropriate Student Success course requirement if not a first-time freshman.
## Term 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 232: Financial Accounting I</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>MAT 211: Mathematics for Business Analysis</td>
<td>3-4</td>
<td>C</td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
</tr>
</tbody>
</table>

Natural Science - Quantitative (SQ)

Term hours subtotal: **16-17**

## Term 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 242: Managerial Accounting I</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ECN 221: Business Statistics (CS)</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>COM 230: Small Group Communication (SB)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Natural Science - General (SG) OR Natural Science - Quantitative (SQ)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: **16**
## Exploratory

Are you ready to start an undergraduate degree program but not sure where to focus your intellectual energy? Do you have a basic idea of what you want to do but not sure which career will get you there? We recommend students declare a major early, as early as the application stage, to stay on track to graduate in four years. But if you just can’t decide on a major and find yourself undecided when you’re ready to start at ASU, the exploratory track may be a good option for you. You will receive support and opportunities to more closely explore majors within a general academic theme and find the one that inspires you and draws on your talents.

<table>
<thead>
<tr>
<th>Major (Concentration)</th>
<th>Degree</th>
<th>Major Map</th>
<th>Campus/Location</th>
<th>Online</th>
<th>College/School</th>
<th>Compare up to 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Exploratory</td>
<td></td>
<td>Major Map</td>
<td>Tempe</td>
<td></td>
<td>W.P. Carey School of Business</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Education Exploratory</td>
<td></td>
<td>Major Map</td>
<td>Polytechnic, West</td>
<td></td>
<td>Mary Lou Fulton Teachers College</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Engineering Exploration</td>
<td></td>
<td>Major Map</td>
<td>Tempe</td>
<td></td>
<td>Ira A. Fulton Schools of Engineering</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Exploratory Applied Computing, Mathematics and Technology</td>
<td></td>
<td>Major Map</td>
<td>West</td>
<td></td>
<td>New College of Interdisciplinary Arts and Sciences</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Exploratory Health and Life Sciences</td>
<td></td>
<td>Major Map</td>
<td>Downtown Phoenix, Havasu, Polytechnic, Tempe</td>
<td></td>
<td>College of Letters and Sciences</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Exploratory Health and Life Sciences</td>
<td></td>
<td>Major Map</td>
<td>West</td>
<td></td>
<td>New College of Interdisciplinary Arts and Sciences</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Exploratory Humanities, Fine Arts and Design</td>
<td></td>
<td>Major Map</td>
<td>West</td>
<td></td>
<td>New College of Interdisciplinary Arts and Sciences</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Exploratory Humanities, Fine Arts and Design</td>
<td></td>
<td>Major Map</td>
<td>Downtown Phoenix, Havasu, Polytechnic, Tempe</td>
<td></td>
<td>College of Letters and Sciences</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Exploratory Math, Physical Sciences, Engineering and Technology</td>
<td></td>
<td>Major Map</td>
<td>Downtown Phoenix, Havasu, Polytechnic, Tempe</td>
<td></td>
<td>College of Letters and Sciences</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Exploratory Social and Behavioral Sciences</td>
<td></td>
<td>Major Map</td>
<td>West</td>
<td></td>
<td>New College of Interdisciplinary Arts and Sciences</td>
<td><a href="#">Compare</a></td>
</tr>
<tr>
<td>Exploratory Social and Behavioral Sciences</td>
<td></td>
<td>Major Map</td>
<td>Downtown Phoenix, Havasu, Polytechnic, Tempe</td>
<td></td>
<td>College of Letters and Sciences</td>
<td><a href="#">Compare</a></td>
</tr>
</tbody>
</table>
Deans and administrators have data to track unit as well as institutional progress.

### Sun Devil Tracking Status

<table>
<thead>
<tr>
<th>Academic Group</th>
<th>On Track</th>
<th>Off Track</th>
<th>On Track by Override</th>
<th>N/A</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Students</td>
<td>Students</td>
<td>Students</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coll Technology &amp; Innovation</td>
<td>202</td>
<td>82</td>
<td>1</td>
<td>33</td>
<td>318</td>
</tr>
<tr>
<td>College of Public Programs</td>
<td>22</td>
<td>3</td>
<td>0</td>
<td>167</td>
<td>192</td>
</tr>
<tr>
<td>Health Solutions</td>
<td>318</td>
<td>41</td>
<td>3</td>
<td>0</td>
<td>362</td>
</tr>
<tr>
<td>Herberger Institute</td>
<td>443</td>
<td>33</td>
<td>3</td>
<td>157</td>
<td>636</td>
</tr>
<tr>
<td>Ira A Fulton Engineering</td>
<td>1,170</td>
<td>2</td>
<td>0</td>
<td>337</td>
<td>1,509</td>
</tr>
<tr>
<td>Liberal Arts &amp; Sciences</td>
<td>1,874</td>
<td>324</td>
<td>7</td>
<td>43</td>
<td>2,248</td>
</tr>
<tr>
<td>MaryLouFulton Teachers College</td>
<td>97</td>
<td>44</td>
<td>1</td>
<td>174</td>
<td>316</td>
</tr>
<tr>
<td>New Interdis Arts &amp; Sciences</td>
<td>155</td>
<td>31</td>
<td>1</td>
<td>40</td>
<td>227</td>
</tr>
<tr>
<td>Nursing &amp; Health Innovation</td>
<td>136</td>
<td>13</td>
<td>0</td>
<td>0</td>
<td>149</td>
</tr>
<tr>
<td>School of Letters &amp; Sciences</td>
<td>10</td>
<td>1</td>
<td>0</td>
<td>18</td>
<td>29</td>
</tr>
<tr>
<td>School of Sustainability</td>
<td>29</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>University College</td>
<td>540</td>
<td>150</td>
<td>0</td>
<td>24</td>
<td>714</td>
</tr>
<tr>
<td>W.P. Carey School of Business</td>
<td>1,464</td>
<td>528</td>
<td>0</td>
<td>3</td>
<td>1,995</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>6,460</td>
<td>1,253</td>
<td>16</td>
<td>996</td>
<td>8,725</td>
</tr>
</tbody>
</table>

*Please make your selections and click 'Go' to see results.*
Impact: Tracking Overall Student Progress

Cohorts are defined by the academic year that the student enters ASU as a full-time freshman.
Gains in First-Time Full-Time Freshman Retention Rates

- 2006: 77.2%
- 2007: 79.5%
- 2008: 81%
- 2009: 84%
- 2010: 84%
Transfer Pathway Tracker Progress for

Transfer Pathway: Accountancy, BS  
Pathway Started: Spring 2014  
Community College: Glendale Community College  
ASU Pathway Major: Accountancy BS  
Associate Degree: Associate of Business  
AGEC: AGEC-B

Disclaimer
The data used in the Pathway Tracker to determine your progress toward transferring to ASU is from official college or university transcripts received by ASU. Progress toward completion at your community college is tracked separately and verified by the college you are attending. Please contact your community college advisor with questions regarding graduation requirements or status. 

Please consult your advisor to ensure the applicability of your courses to AGEC requirements. AGEC degree requirements are determined and awarded by your community college.

Because Arizona State University computes GPAs differently than Glendale Community College, admission to the program can only be certified after ASU calculates and certifies the GPA. All courses must be completed with a grade of "C" or better.

Glendale Community College Course Requirements

<table>
<thead>
<tr>
<th>Specific Requirements</th>
<th>Course Taken</th>
<th>Term Taken</th>
<th>Grade</th>
<th>Completed Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Composition, C minimum.</td>
<td>ENG 101</td>
<td>SP14</td>
<td>TA</td>
<td>3</td>
</tr>
<tr>
<td>COM 225: 3 hours, C minimum.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 212: 3 hours, C minimum.</td>
<td>MAT 212</td>
<td>SU14</td>
<td>TA</td>
<td>3</td>
</tr>
<tr>
<td>CIS 105: 3 hours, C minimum.</td>
<td>CIS 105</td>
<td>SP14</td>
<td>TA</td>
<td>3</td>
</tr>
<tr>
<td>ECN 211: 3 hours, C minimum.</td>
<td>ECN 212</td>
<td>FA14</td>
<td>TIP</td>
<td>3</td>
</tr>
<tr>
<td>ECN 212: 3 hours, C minimum.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GBS 205: 3 hours, C minimum.</td>
<td>GBS 221</td>
<td>FA14</td>
<td>TIP</td>
<td>3</td>
</tr>
<tr>
<td>GBS 221: 3 hours, C minimum.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACC 211: 3 hours, C minimum AND ACC 212: 3 hours, C minimum OR ACC 111: 3 hours, C minimum AND ACC 230: 3 hours, C minimum AND ACC 240: 3 hours, C minimum.</td>
<td>ACC 111</td>
<td>SP14</td>
<td>TA</td>
<td>3</td>
</tr>
<tr>
<td>Business Electives: 6 hours, C minimum. CIS 114DE, CIS 133DA, CIS 162AD, GBS 151, GBS 214, GBS 220, GBS 233, GBS 110 or MGT 251, IBS 101, MGT 114DE 253, MKT 271, PAD 100, REA 179, REA 180 or SBU 200.</td>
<td>GBS 221</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 217: 3 hours, C minimum.</td>
<td>MAT 217</td>
<td>SU14</td>
<td>TA</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes
- Lower Division Business Elective - Select in consultation with a community college advisor.
- The Accountancy BS requires that students also complete COM 230 (in addition to COM 225). COM 230 may be taken after transfer to ASU.
- Natural Science - Select at least one SQ within the Natural Science requirement.
Most students change their major in college at least once, and generally several times.

This app will help you explore now to get a head start on planning for your future and what you can do to make it happen!
The City Colleges of Chicago serves all Chicago residents through colleges and satellites located across the city.

CCC is the largest community college system in Illinois, and one of the largest in the nation, with 5,700 faculty and staff serving over 100,000 students annually.

- **Credit enrollment:** 62,391
- **Adult education enrollment:** 36,642
- **Continuing education enrollment:** 18,508

- **7 Colleges**
- **6 Satellite Learning Centers**
- **115,000 Students**
City Colleges of Chicago
Academic/Career Focus Areas

- Advanced Manufacturing
- Healthcare
- Business and Professional Services
- Information Technology
- Construction Technology and Drafting
- Liberal Arts
- Culinary Arts and Hospitality
- Life and Physical Sciences
- Education
- Transportation, Distribution, and Logistics
We then developed collateral to help educate students on each Focus Area.
Pathway maps in our just-released 2014 Academic Catalog provide default schedules

<table>
<thead>
<tr>
<th>D</th>
<th>AC</th>
<th>BC</th>
<th>SEMESTER 2</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS &amp; NEXT ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Business 182 – Managerial Accounting (4)</td>
<td>Required Program Core</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Business 231 – Marketing (3)</td>
<td>Required Program Core**</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Business 236 – Advertising (3)</td>
<td>Program Elective</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Business 237 – Selling (3)</td>
<td>Program Elective</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Business 258 – Small Business (3)</td>
<td>Program Elective</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Computer Information Systems 123 – Introduction to Spreadsheets (3)</td>
<td>Program Elective</td>
<td></td>
</tr>
</tbody>
</table>

**19 CREDIT HOURS**

<table>
<thead>
<tr>
<th>D</th>
<th>AC</th>
<th>BC</th>
<th>SEMESTER 3</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS &amp; NEXT ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Business 211 – Business Law I (3) <strong>OR</strong> Business 212 – Business Law II (3) <strong>OR</strong> Business 214 – Legal and Social Environment of Business (3)</td>
<td>Required Program Core</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Business 241 – Introduction to Finance (3)</td>
<td>Required Program Core</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Business 269 – Principles of Management (3)</td>
<td>Required Program Core**</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Program Elective (3)</td>
<td>Program Elective</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Program Elective (3)</td>
<td>Program Elective</td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>Speech 101 – Fundamentals of Speech Communication (3)</td>
<td>Required Program Core*</td>
<td></td>
</tr>
</tbody>
</table>

**18 CREDIT HOURS**

http://www.ccc.edu/departments/Documents/AcademicCatalog_Interactive.pdf
Start your journey today, choose from one of the eight Career Pathways to learn what you can study and how much you could earn as a new graduate. Take your next step now. Go to www.broward.edu

**Median First-Year Earnings (after graduation)**

- **Technical Certificate**
  - Brevard College: $34,629
  - Broward College: $39,562

- **Associate of Science Degree**
  - Brevard College: $45,050
  - Broward College: $49,970

- **Bachelor’s Degrees**
  - Brevard College: $63,816
  - Broward College: $41,798

Lifelong learning is the key to your success. If you want to continue to earn you have to continue to learn.

---

Business

What's your passion? Are you a strategic thinker, do you have a knack for selling or are you more analytical and structured? If this sounds like you, you need to explore the options Broward College has for you in the business field. In today's fast-paced environment a degree or a certificate from Broward College is what could set you apart from the rest of the crowd.

BACHELOR'S DEGREES
- Supervision & Management
- Supply Chain Management
- Technology Management

ASSOCIATE IN ARTS TRANSFER OPTIONS:
- Business Administration
- Accounting
- Marketing

ASSOCIATE IN SCIENCE DEGREES:
- Accounting Technology
- Business Administration
- Business Analytics - NEW
- Culinary Arts Management
- Hospitality & Tourism Management
- Marketing Management
- Medical Office Specialization
- Office Management Specialization
- Paralegal Studies
- Supply Chain Management Operations

CERTIFICATE PROGRAMS:
- Accounting Technology Management
- Accounting Technology Operations
- Accounting Technology Specialist
- Business Management
- Business Operations
- Business Specialist
- Entrepreneurship
- Event Management
- Food & Beverage Management
- Guest Services Specialist
- Marketing Operations
- Medical Office Management
- Office Specialist
- Office Support
- Rooms Division Management

INDUSTRY CERTIFICATIONS:
- Certified Paralegal/Certified Legal Assistant (CPICLA)
- QuickBooks
- NALA Certification (Legal Assisting)
- Real Estate Sales Associate

ACCELERATED OPTIONS:
- Credit-by-Exam
- Dual Enrollment
- Articulated Credits from High School or Technical College
- Earned Industry Credentials
- Prior Learning Assessment
- Armed Forces Education Experience

www.broward.edu/accelerated

CONTINUING EDUCATION
Don't know if a degree is for you or want to upgrade the skills you already have? Find out about our continuing education courses by visiting:
www.broward.edu/ce

BUILD YOUR EDUCATION
- Bachelor's Degree
- Associate in Arts/Science Degree
- Technical Certificate

MEDIANS BROWARD COUNTY WAGE
- Bookkeeper: $16.43/hr
- Paralegal: $20.36/hr
- Food Services Manager: $27.11/hr
- First-Line Supervisor of Transportation: $26.66/hr

ECONOMIC MODELING, INC. ANALYST SOURCED THE EMPLOYMENT INFORMATION. 2016
Educational progression depending on goals

Flexibility for FT and PT with sequencing

Courses that lead to technical or industry certifications

---

# Associate of Science in Accounting Technology - 2100

**Career Pathway:** Business  
**Location(s):** Courses for this program are offered at all BC locations.  
**Program Entrance Requirements:** HS Diploma or GED  
**Program Description:** The Associate of Science degree in Accounting Technology is designed for students who intend to seek employment in the accounting field and for those who are presently employed in accounting and desire advancement. Visit the program's website for more information.

## Build Your Education

- **Specialist TC 6324**
- **Operation TC 6323**
- **Management TC 62140**
- **Accounting Technology AS 2100**
- **Bachelor of Applied Science**

Term 3: Technical Certificates as part of your Associate of Science, and continue your education at Broward College to get one of our Bachelor of Applied Sciences!

## Recommended Course Sequence

<table>
<thead>
<tr>
<th>Term 3</th>
<th>Term 4</th>
<th>Term 5</th>
<th>Term 6</th>
<th>Term 7</th>
<th>Term 8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Full Time</strong></td>
<td><strong>Part Time</strong></td>
<td><strong>Course ID</strong></td>
<td><strong>Description</strong></td>
<td><strong>Credits</strong></td>
<td><strong>TC</strong></td>
</tr>
<tr>
<td>Term 3</td>
<td>Term 1</td>
<td>ACC2001</td>
<td>Principles of Accounting I</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 3</td>
<td>Term 1</td>
<td>CFS1060C</td>
<td>Computer and Internet Literacy</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 3</td>
<td>Term 1</td>
<td>GER1011</td>
<td>Introduction to Business</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 3</td>
<td>Term 2</td>
<td>Elective*</td>
<td>Business Elective</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 3</td>
<td>Term 3</td>
<td>GE Course</td>
<td>General Education Mathematics</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 2</td>
<td>Term 2</td>
<td>ACC2091</td>
<td>Principles of Accounting II</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 2</td>
<td>Term 3</td>
<td>TAX2000</td>
<td>Income Tax I</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 2</td>
<td>Term 3</td>
<td>BUS2241</td>
<td>Business Law I</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 2</td>
<td>Term 4</td>
<td>CSE2335</td>
<td>Communications in the Workforce</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 3</td>
<td>Term 4</td>
<td>ACC2071</td>
<td>Managerial Accounting</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 3</td>
<td>Term 4</td>
<td>Elective*</td>
<td>Business Elective</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 4</td>
<td>Term 5</td>
<td>ACC2210</td>
<td>Intermediate Accounting I</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 4</td>
<td>Term 5</td>
<td>TAX2010</td>
<td>Income Tax II</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 4</td>
<td>Term 5</td>
<td>ENC1101</td>
<td>Composition I</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 4</td>
<td>Term 6</td>
<td>ECO2003</td>
<td>Principles of Economics I</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 5</td>
<td>Term 6</td>
<td>ACC2210</td>
<td>Intermediate Accounting II</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 5</td>
<td>Term 7</td>
<td>GE Course</td>
<td>General Education Science</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 5</td>
<td>Term 7</td>
<td>ACC2450C</td>
<td>Computerized Accounting Applications</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 5</td>
<td>Term 8</td>
<td>GE Course</td>
<td>General Education Humanities</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 5</td>
<td>Term 8</td>
<td>GE Course</td>
<td>General Education Humanities</td>
<td>3</td>
<td>6324</td>
</tr>
<tr>
<td>Term 5</td>
<td>Term 8</td>
<td>SPC1608 OR SPC1624</td>
<td>Public Speaking or Intro to Speech Communications</td>
<td>3</td>
<td>6324</td>
</tr>
</tbody>
</table>

*Business Electives: FRC2029, PNL1100, GER2112, MAN2022, MAN2024, MAR2011, MNA1160, HST1100, and MAT1133/STA1001 (Based on placement)  
Students are strongly encouraged to meet with an advisor to create an educational plan.

[CHOOSE YOUR COURSES]
## Pathway: Business

<table>
<thead>
<tr>
<th>Job Title</th>
<th>BC Pathway Degree</th>
<th>Suggested Advanced Degree</th>
<th>Starting Salary (South Florida)</th>
<th>Average Salary (South Florida)</th>
<th>10-Year Job Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountant</td>
<td>Accounting Technology, A.S. Degree</td>
<td>Optional (None Required)</td>
<td>$38,483</td>
<td>$60,629</td>
<td>+ 7%</td>
</tr>
<tr>
<td>Data Analyst/Actuary</td>
<td>Business Analytics, A.S. Degree</td>
<td>B.A./B.S. Business, Finance or Accounting</td>
<td>$70,241</td>
<td>$91,449</td>
<td>+ 38%</td>
</tr>
<tr>
<td>Administrative Services Manager</td>
<td>Business Administration, A.S. Degree</td>
<td>Supervision &amp; Management, B.A.S.</td>
<td>$57,258</td>
<td>$101,327</td>
<td>+ 17%</td>
</tr>
<tr>
<td>Paralegal</td>
<td>Paralegal Studies (Legal Assisting), A.S. Degree</td>
<td>Criminal Justice, A.S./B.A.S Degree</td>
<td>$32,500</td>
<td>$48,941</td>
<td>+ 25%</td>
</tr>
<tr>
<td>Marketing Strategist</td>
<td>Marketing Management, A.S. Degree</td>
<td>Marketing B.A./B.S. Degree</td>
<td>$40,184</td>
<td>$75,357</td>
<td>+ 14%</td>
</tr>
<tr>
<td>Sales Agent, Securities and Commodities</td>
<td>Business Administration, A.S. Degree</td>
<td>B.A. / B.S. Business or Finance Management</td>
<td>$32,869</td>
<td>$65,381</td>
<td>+ 0%</td>
</tr>
<tr>
<td>Financial Manager, Branch or Department</td>
<td>A.A.; Accounting Technology, A.S. Degree</td>
<td>Accounting/Finance Management B.A./B.S</td>
<td>$72,073</td>
<td>$118,811</td>
<td>+ 11%</td>
</tr>
<tr>
<td>Convention &amp; Event Planner</td>
<td>Hospitality and Tourism Management, A.S. Degree</td>
<td>Optional (None Required)</td>
<td>$30,384</td>
<td>$46,226</td>
<td>+ 32%</td>
</tr>
<tr>
<td>Risk Management Specialist</td>
<td>Business Administration A.S. or A.A.</td>
<td>Optional (None Required)</td>
<td>$35,197</td>
<td>$51,157</td>
<td>+ 10%</td>
</tr>
<tr>
<td>Human Resource Manager</td>
<td>Business Administration, A.S. Degree</td>
<td>B.A./B.S. Human Resources</td>
<td>$61,371</td>
<td>$95,528</td>
<td>+ 16%</td>
</tr>
<tr>
<td>Business Intelligence Analyst</td>
<td>Business Analytics, A.S. Degree</td>
<td>B.A./B.S. Business Admin. Or Finance</td>
<td>$40,184</td>
<td>$75,387</td>
<td>+ 14%</td>
</tr>
<tr>
<td>Sales Manager</td>
<td>Business Admin, A.S. or Business Analytics, A.S.</td>
<td>Supervision &amp; Management, B.A.S.</td>
<td>$59,881</td>
<td>$114,309</td>
<td>+ 11%</td>
</tr>
<tr>
<td>Storage and Distribution Manager</td>
<td>Business Admin or Supply Chain Management A.S.</td>
<td>Supply Chain Management, B.A.S.</td>
<td>$54,950</td>
<td>$87,833</td>
<td>+ 10%</td>
</tr>
<tr>
<td>Operations Manager</td>
<td>Business Administration, A.S. Degree</td>
<td>Optional (None Required)</td>
<td>$56,493</td>
<td>$104,590</td>
<td>+ 14%</td>
</tr>
<tr>
<td>Financial Examiner/Compliance Manager</td>
<td>Business Administration or Accounting, A.S. Degree</td>
<td>B.A./B.S. Accounting or Finance</td>
<td>$50,007</td>
<td>$86,539</td>
<td>+ 10%</td>
</tr>
</tbody>
</table>

Statistical data compiled through Career Coach’s surveys of the South Florida market (Miami-Dade, Broward and Palm Beach counties) and US Dept. of Labor.
Begin with your CAREER in mind...

[Click on Health Care]
Many of today’s hottest careers are in the healthcare field, with career opportunities and personal satisfaction unmatched by other professions.

Lorain County Community College’s nursing program gets highest accreditation rating – The Morning Journal, April 2015

[Click to read the article]
LCCC nursing programs provide an exceptional instructional, laboratory and clinical experience to prepare graduates for a career in nursing or to help working nurses advance in their career.

"As a nurse, we have the opportunity to heal the heart, mind, soul and body of our patients, their families and ourselves. They may not remember your name but they will never forget the way you made them feel."

~Maya Angelou

[Click on Associate Degree Nursing]
Become a Registered Nurse
(list job titles for someone who earns this specific credential)

Employment of registered nurses is projected to grow 19 percent from 2012 to 2022, faster than the average for all occupations. – Bureau of Labor Statistics

Video

Image
### Save 80% of the cost

<table>
<thead>
<tr>
<th>College/University</th>
<th>University Costs 4 Years With Room &amp; Board</th>
<th>Bachelor’s Degree Completion Cost through MyUniversity</th>
<th>Savings!</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ashland University B.S. in Education</td>
<td>$157,416</td>
<td>$32,798</td>
<td>79%</td>
</tr>
<tr>
<td>Bowling Green State University B.S. in Biology</td>
<td>$75,400</td>
<td>$11,745</td>
<td>84%</td>
</tr>
<tr>
<td>Cleveland State University B.A. in Psychology</td>
<td>$85,227</td>
<td>$12,525</td>
<td>85%</td>
</tr>
<tr>
<td>Hiram College B.A. in Accounting &amp; Fin. Mgmt</td>
<td>$160,600</td>
<td>$24,554</td>
<td>85%</td>
</tr>
<tr>
<td>Kent State University Bachelor of Bus. Admin.</td>
<td>$77,408</td>
<td>$12,893</td>
<td>83%</td>
</tr>
<tr>
<td>University of Akron B.S. in Sport Studies</td>
<td>$80,578</td>
<td>$12,811</td>
<td>84%</td>
</tr>
<tr>
<td>University of Toledo B.S. in Computer Science &amp; Eng.</td>
<td>$83,177</td>
<td>$15,726</td>
<td>81%</td>
</tr>
</tbody>
</table>

**LCCC’s in county tuition is $3,077 per year for a full-time student
Percent savings based on Bachelor’s Degree with LCCC’s MyUniversity Guarantee versus all 4 years at the university rates and incurring room & board.**
The New Student Experience

**STUDENT SUCCESS PATHWAY**

**TRANSITION TO COLLEGE**

**VALENCIA'S QEP / NEW STUDENT EXPERIENCE**

**TRANSITION TO DEGREE PROGRAMS**

**GRADUATION, CAREER PLACEMENT, & TRANSFER**

**COLLEGE-CREDIT BEARING COURSE, DESIGNED TO FACILITATE AN INTRO TO COLLEGE & THE NEEDED SUCCESS SKILLS**

- Coordinated Experience
  - Extended Orientation to College
  - Development of an Education Plan
  - Career and Academic Advising
- Curricular and Co-Curricular Student Engagement
- Successful Completion of first 15 college-level credits at Valencia

**ALTERNATIVE PATH**

- For students entering college with a clear plan

**LIFEMAP**

**LIFEMAP**

**LIFEMAP**

**LIFEMAP**

COLLEGE TRANSITION ---- INTRO TO COLLEGE ---- PROGRESSION TO DEGREE ---- GRADUATION TRANSITION

**DIRECT CONNECT TO UCF**

**OTHER TRANSFER INSTITUTIONS**

**CAREER AND JOB PLACEMENT**
The New Student Experience

Extended Orientation to College

Starting a habit that will continue

Start Right

Advising
career & academic advising

Curricular
new student experience course

Co-curricular
college success skills certificate

Completion
of first 18 hours of college-level courses

Integrated Student Success Skills
The 6Ps

The New Student Experience Student Learning Outcomes

**Purpose:** Students will create a personal purpose statement that outlines and articulates their values, goals, interests, and strengths in relation to their educational and career aspirations.

**Pathway:** Students will choose an academic program aligned with their educational/career goals, interests, strengths, and values.

**Plan:** Students will design an education plan that include goals for learning and a financial plan.

**Preparation:** Students will apply college success skills.

**Personal Connection:** Students will demonstrate effective communication skills with diverse groups.

**Place:** Students will demonstrate awareness of college support systems.
Building Guided Pathways

✓ Map paths to student end goals
✓ Help students get on a path
✓ Keep students on path
✓ Ensure students are learning across their programs
CA Building Blocks for GPS

- Student Success Act
- Accelerated Dev Ed (CA Acceleration Project, Carnegie Statway)
- Associate Degree for Transfer
- CA Equity Funding/Plans
- RP Group
CA AACC Pathways Colleges

- Bakersfield College
  - Multiple measures
  - Renegade scorecards

- Irvine Valley
  - Accelerated dev ed
  - Multiple measures

- Mt. Sac
  - Transfer pathways
For more information

Please visit us on the web at
http://ccrc.tc.columbia.edu
where you can download presentations, reports, and briefs, and sign-up for news announcements.
We’re also on Facebook and Twitter.

Community College Research Center
Teachers College, Columbia University
525 West 120th Street, Box 174, New York, NY 10027
E-mail: ccrc@columbia.edu Telephone: 212.678.3091
Supporting Evidence

Pathway analysis
- Chaotic student enrollment patterns
- Pathways misaligned, lots of roadblocks
- Students say they are confused

Organizational performance
- Big improvements require systemic change
- Align organizational practices to end goals
- Broad engagement critical to success

Behavioral psychology/economics
- Maps
- Defaults + “Active choice”
- Feedback, Reminders
More Supporting Evidence

Research on teaching and learning
- Instructional program coherence
- Contextualization

Targeted research
- CUNY ASAP (MDRC)
- Acceleration (CCBC ALP)
- Alternative math pathways (Statway)
- Contextualization (I-BEST)
If you continue to enroll full-time, your class schedule over two years might look like this.

**FIRST YEAR**

**Fall I (September-December)**
- LASC 101 City Seminar I
- SOSO 111 Ethnographies of Work I
- MATH 103 Statistics or MATH 103A Stat II

**Fall II (January-February)**
- LASC 200 The Arts in New York City
- BIOL 122 Introduction to Biology

**Spring I (February-June)**
- LASC 102 City Seminar II
- SOSO 112 Ethnographies of Work II
- ENGL 103 Composition I
- [MATH 103B Stat III]
- CHEM 110 Intro to Chemistry

**Spring II (June-July)**
- BUSI 102 Introduction to Business

**SECOND YEAR**

**Fall I (September-December)**
- BUSI 102 Introduction to Business or
- INFT 203 Intro to Management Information Systems
- ENGL 203 Composition II
- MATH 120 College Algebra and Trigonometry or MATH 201 Precalculus
- ECON 203 Microeconomics

**Fall II (January-February)**
- ACCT 121 Principles of Accounting I

**Spring I (February-June)**
- ECON 201 Macroeconomics
- MATH 201 Precalculus or LAS elective
- BUSI 201 Business Law & Ethics
- ACCT 225 Principles of Accounting II

**Spring II (June-July)**
- ECON 204 Contemporary Economic Issues

Liberal Arts and Sciences Electives:
- SOCI 102 Introduction to Sociology
- GOVT 201 Urban Politics: NYC Government
- GOVT 202 American Govt & Politics
- Math 201 Calculus
Our connection to New York City’s professional community gives you real-world experience and an opportunity to apply what you learn in your classes. Through our engaging academic programs, you will be well-prepared to continue your education or pursue professional opportunities when you graduate.

During your first year, you will declare your major in one of our associate degree programs:

- Business Administration
- Human Services
- Information Technology
- Liberal Arts and Sciences
- Urban Studies

Upon graduation, you can pursue employment or transfer to a bachelor’s degree program. For those who are interested in continuing their education, we have developed partnerships with select four-year CUNY colleges to ensure a smooth transition.

View <pdf> list of colleges and programs with which Guttman has articulation agreements.