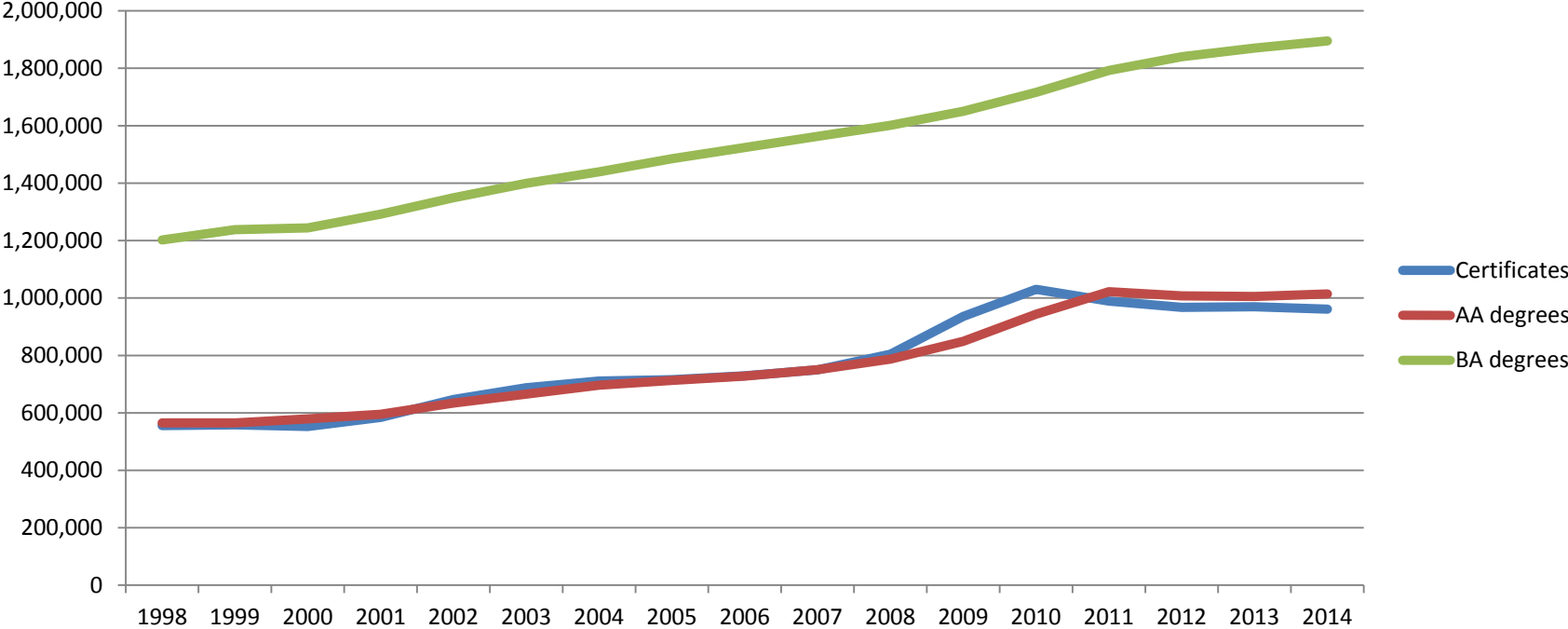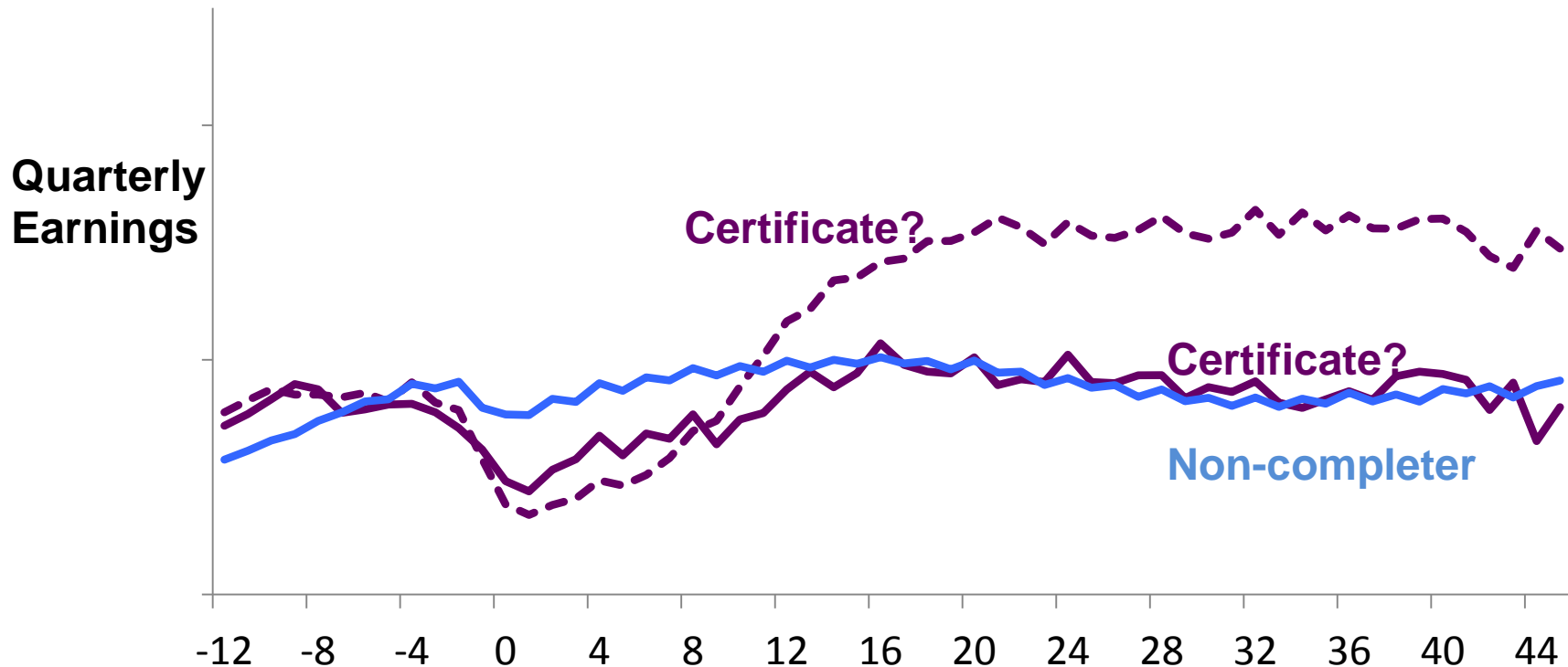# Short Term Credentials and Postsecondary Reform

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CAPSEE

April 6–7, 2017 | Washington, DC

Growth of Bachelors, Associates, and Certificates

Earnings Trajectories: Community College Starters

Stackable Credentials

	NLSY97 College Sample (%)	NSC Awards AY2014-15
Certificate, AA or BA degree	54.8	
Independent stacks (>1 cert)	0.3	0.9
Progression stacks (cert before AA or BA)	0.7	1.9
Supplemental stacks (cert after AA or BA)	1.9	0.9
All stacked credentials as percent of all college students	3.1%	3.6%

NLSY97 postsecondary transcript file, transcript/panel weights 2013. NSC awards adjusted for non-completing college population.

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:
   HIST B2*, B3*, B4a*, B4b*, B17a*, B17b*, B18a*, B18b*, B20a*, B20b, B25*, B30a*-(CHST B30a*) B30b*-(CHST B30b*), B33*, B36*, B38; POLS B1*, B12*.

   (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

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.
Physical Sciences: ASTR B1; CHEM B1a, B2a, B15, B16; GEOG B1, B1L, B2*; GEOL B1a, B10, B10L; PHSC B11; PHYS B2a, B4a.

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, B227, 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 B19f/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

ACADEMIC PATHWAY
Computer Networking Associate in Science Degree

Seq #	Course	Course Title	Credit	Type	Term Offered	Pre-Req.	Options Avail.
1	CGS 1070	Basic Computer and Information Literacy	1	Gen Ed	F, Sp, Su		Y
2	PHI 1600	Studies in Applied Ethics	3	Gen Ed	F, Sp, Su		Y
3	COP 1000	Introduction to Computer Programming	3	Core [1,2]	F, Sp, Su		
4	MAT 1033	Intermediate Algebra	3	PreReq	F, Sp, Su		
5	CET 1171C	Computer Repair Essentials	3	Core [1,3,4]	F, Sp, Su		
6	MAC 1105	College Algebra	3	Gen Ed	F, Sp, Su	Y	
7	CNT 1000	Local Area Network Concepts	3	Subplan [1,2,3]	F, Sp, Su	Y	
8	CET 1172C	Computer Support Technician	3	Core [1,4]	F, Sp, Su		
		PREPARATION FOR COMPTIA A+ INDUSTRY CERTIFICATION COMPLETED					
9	ENC 1101	Composition I	3	Gen Ed	F, Sp, Su		Y
10	SPC 1065	Business and Professional Speaking	3	Gen Ed	F, Sp, Su		Y
11	CTS 1327	Configuring and Administering MS Windows Client	3	Subplan [1,2,3]	F, Sp, Su		
12	CTS 1328	Installing and Configuring Windows Server	3	Subplan [1,3]	F, Sp, Su	Y	
13	CTS 2106	Fundamentals of the Linux/Unix Operating Environment	3	Subplan [1,2,3]	F, Sp, Su	Y	
		COMPUTER SUPPORT CERTIFICATE COMPLETED					
14	POS 2041	American National Government	3	Gen Ed	F, Sp, Su		Y
15	CTS 2321	Linux System Administration I	3	Subplan [2]	F, Sp	Y	
16	CTS 2322	Linux System Administration II	3	Subplan [2]	F, Sp	Y	
		LINUX SYSTEM ADMINISTRATOR CERTIFICATE COMPLETED					
17	HUM 2270	Humanities (East-West Synthesis)	3	Gen Ed	F, Sp, Su		Y
18	CTS 1334	Administering Windows Servers	3	Subplan [3]	F, Sp	Y	
19	CTS 1303	Configuring Advanced Windows Server Services	3	Subplan [3]	F, Sp	Y	
		MICROSOFT CERTIFIED IT PROFESSIONAL: SERVER ADMINISTRATOR CERTIFICATE COMPLETED					
20	CIS 2321	Systems Analysis and Design	3	Core	F, Sp, Su	Y	
21	CTS 1411	Fundamentals of Information Storage and Management	3	Core	F, Sp	Y	
22	CTS 2370	Configuring and Managing Virtualization	3	Core	F, Sp	Y	
23	CNT 2940	Computer Networking Internship	3	Core	F, Sp, Su		

Total program credits: 67

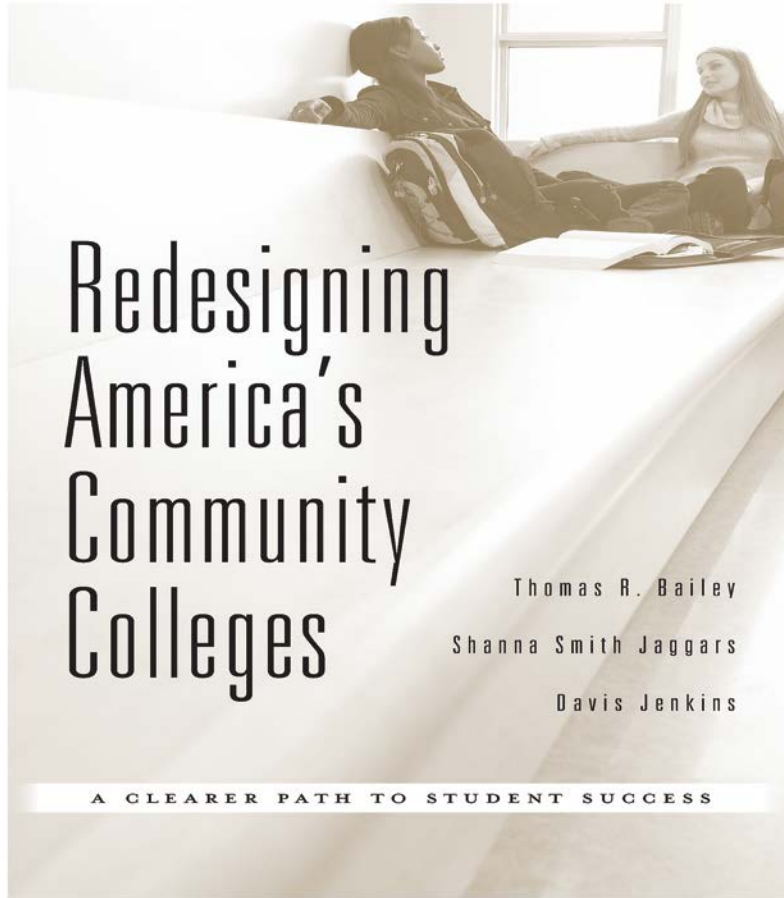(Includes MAT 1033 & Computer Competency)

[1] Part of Computer Support Certificate
[2] Part of Linux System Administrator Certificate
[3] Part of Microsoft Certified IT Professional: Server Administrator Certificate
[4] Preparation Course for CompTia A+ Industry Certification

Term Offered: **F** - Fall | **SP** - Spring | **SU** - Summer | *Type of Course:* **Core** - Required for the Program | **Elective** - Options based upon personal interest | **Gen Ed** - General Education | **PreReq** - Prerequisite | **Subplan** - Specific to a particular degree option

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Redesigning America's Community Colleges

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A CLEARER PATH TO STUDENT SUCCESS

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