SUMMARY OF UCCI INSTITUTES & COURSES
January 2015

UCCI Stats at a Glance

To date:
- **25 UCCI Institutes** conducted
- **101 UCCI courses developed by teacher participants** at past Institutes
- **51** have received “a-g” approval, with the remaining courses currently in revision
- **39** of these “a-g” approved courses have been approved by local school boards and districts
- **167 California high schools and Regional Occupational Centers/Programs** have UCCI courses on their course lists

Below is a complete listing of all past UCCI Institutes, along with the courses the teacher participants created at each Institute. **Purple-shaded courses have earned “a-g” approval; courses with two asterisks are courses that fulfill two subject area requirements.**

For detailed information about all of the approved UCCI courses, visit the UCCI Course Catalog: [http://ucci.ucop.edu/integrated-courses/a-g-table.html](http://ucci.ucop.edu/integrated-courses/a-g-table.html).

**MARCH 2015**

UCCI Institute #54 – Requested by Orange County Department of Education; National University, Costa Mesa, CA: English (“b”) with Digital Media Arts; Mathematics (“c”) with Health Science and Medical Technology; Math (“c”) with Engineering and Architecture; History/Social Science (“a”) with Engineering and Architecture; Laboratory Science (“d”) with Engineering and Architecture; Laboratory Science (“d”) with Health Science and Medical Technology

Number of Institute participants selected: 30
Number of Institute applicants: 51

**FEBRUARY 2015**

UCCI Institute #24 – Requested by Capital Region Academies for the Next Economy (CRANE); Sacramento County Office of Education, Mather, CA: English (“b”) with Advanced Manufacturing, and Mathematics (“c”) with Agriculture and Natural Resources

95) Calculated Sustainable Agriculture (Mathematics “c” | Agricultural Business)
94) English and Advanced Manufacturing (English “b” | Product Innovation and Design)

Number of Institute participants selected: 12
Number of Institute applicants: 12
UCCI Institute #23 – Requested by Yucaipa-Calimesa Unified School District; Yucaipa Community Center, Yucaipa, CA: History Social Science (“a”), English (“b”), Mathematics (“c”), and Laboratory Science (“d”), integrated with Public Services, Public Safety Pathway

93) Math in Public Services (Mathematics “c” | Public Safety)
92) Public Service and Modern American Government (Government “a” | Public Safety)
91) Forensic Biology (Laboratory Science “d” | Public Safety)
90) English 10: Awareness and Ethics in Law and Public Safety (English “b” | Public Safety)

Number of Institute participants selected: 24
Number of Institute applicants: 33

JANUARY 2015
UCCI Institute #22 – Requested by East Los Angeles College (ELAC), Los Angeles Unified School District, Montebello Unified School District, and Jerry Winthrop, on behalf of the Building and Construction Trades California Partnership Academies; ELAC, Los Angeles, CA: History Social Science (“a”), English (“b”), Mathematics (“c”), Laboratory Science (“d”), Elective (“g”) | Engineering and Architecture; Energy, Environment and Utilities, Agriculture and Natural Resources; Building and Construction Trades

89) English 12: Agriculture Business and Entrepreneurship (English “b” | Agricultural Business, Entrepreneurship)
88) Application of Geometry in Engineering Technologies (Mathematics “c” | Engineering Technology)
87) My Voice Creates My World (Government “a” | Environmental Resources)
86) Chemistry, Energy and Power (Laboratory Science “d” | Energy and Power Technology)
85) MultiCraft Core Curriculum: Building Scaled Structures (Elective “g” | Residential and Commercial Construction)

Number of Institute participants selected: 28
Number of Institute applicants: 29

DECEMBER 2014
UCCI Institute #21 – Requested by National Academy Foundation; Manhattan Beach Marriott, Los Angeles, CA: Laboratory Science (“d”) and Elective (“g”) | Health Science and Medical Technology

88) Mind Matters: A Study of Mental Health and Illness (Elective “g” | Mental and Behavioral Health)
83) Biology and Community Health (Laboratory Science “d” | Public and Community Health)

Number of Institute participants selected – 9*
Number of Institute applicants – 9

*An additional 15 teachers participated in an extensive integrated courses training planned as a simultaneous event designed to help NAF Academy Teachers have a fuller understanding of the rigor and authenticity that go into creating an “a-g” approvable integrated course.

NOVEMBER 2014
UCCI Institute #20 – Requested by: California Agricultural Teachers Association; Future Farmers of America Center, Galt, CA: Laboratory Science (“d”) | Agriculture and Natural Resources
82) Sustainable Agriculture: A Biological Approach to Industry (Laboratory Science “d” | Agriscience)  
81) Agriscience Systems Management (Laboratory Science “d” | Agriscience)  
80) Agriculture and Soil Chemistry (Laboratory Science “d” | Agriscience)  

Number of Institute participants selected – 18  
Number of Institute applicants – 29

AUGUST 2014

UCCI Institute #19 – Requested by: Bay Region Community Colleges; Skyline Community College, San Bruno, CA: History/Social Science (“a”), Mathematics (“c”) and Language Other than English (“e”) | Hospitality, Tourism and Recreation or Marketing, Sales and Service)

79) Algebra for Entrepreneurs (Mathematics “c” | Entrepreneurship and Self Employment)  
78) ¡A Viajar! Spanish 3 for Hospitality (Language other than English | Hospitality, Tourism and Recreation)  
77) World History and Hospitality (History/Social Science “a” | Hospitality, Tourism and Recreation)

Number of Institute participants selected – 19  
Number of Institute applicants – 52

JULY 2014

UCCI Institute #18 (Requested by: Jerry Winthrop from California Department of Education): English (“b”), Mathematics (“c”), Laboratory Science (“d”) and Elective (“g”) | Energy, Environment and Utilities

76) High Energy Math (Mathematics “c” | Energy and Power Technology)  
75) Electric Avenues (Elective “g” | Energy and Power Technology)  
74) Discovering our Power: Energy and Ethics (English “b” | Energy and Power Technology)  
73) Biology and Environmental Resources (Laboratory Science “d” | Environmental Resources)

Number of Institute participants selected – 20  
Number of Institute applicants – 20

JUNE 2014

UCCI Institute #17: “On-Demand” Model Pilot at Augustus F. Hawkins High School: History/Social Science (“a”), English (“b”), Mathematics (“c”) and Laboratory Science (“d”) | Health Science and Medical Technology, Information and Communication Technologies, Marketing, Sales and Service and

72) Entrepreneurs as Researchers (English “b” | Entrepreneurship and Self-Employment)  
71) Statistics for Health Advocacy (Mathematics “c” | Public and Community Health)  
70) US History and Game Design (History/Social Science | Games and Simulation)  
69) Redesigning Urban Ecosystems (Laboratory Science “d” | Engineering and Architecture)

Number of Institute participants selected – 36  
Number of Institute applicants – 36

SPRING 2014
UCCI Institute #16: English ("b") or Mathematics ("c") | Information and Communication Technologies

68) Writing Games for Social Change (English “b” | Games and Simulation)
67) GameCraft: English 10 with Game Development (English “b” | Games and Simulation)
66) Modeling Your World #math #programming (Math “c” | Software and Systems Development)
65) Integrated Mathematics II/Robotics and Computing (Math “c” | Software and Systems Development)

Number of Institute participants selected – 25
Number of Institute applicants – 28

UCCI Institute #15: Mathematics ("c") or Laboratory Science ("d") | Engineering and Architecture

64) Form Follows Functions - Integrated Math 1 and Architecture (Math “c” | Architectural Design)
63) Chemistry and Environmental Engineering: Water We Doing? (Laboratory Science “d” | Environmental Engineering)

Number of selected course developers – 16
Number of course developer applicants – 19

FALL 2013

UCCI Institute #14: English ("b") | Health, Science, and Medical Technology

62) Learning Patience: ELD English (English “b” | Patient Care)
61) Mental Health Matters (English “b” | Mental and Behavioral Health)
60) Health and the Public: A Real World Look at Ethics, Communication, Culture, Diseases, and Careers (English “b” | Public and Community Health)
59) The Dynamic Literacy of Patient Care (English “b” | Patient Care)
58) Public Health: Reading and Writing Your Way to a Healthier World (English “b” | Public and Community Health)

Number of selected course developers – 36
Number of course developer applicants – 42

UCCI Institute #13: Mathematics (“c”) or Laboratory Science (“d”) | Health, Science, and Medical Technology

57) Integrated Math 2 with Biotechnology (Math “c” | Biotechnology)
56) The Biology of Personal, Community and Global Health (Laboratory Science “d” | Public and Community Health)
55) The Chemistry of Health and Wellness (Laboratory Science “d” | Biotechnology & Patient Care)

Number of selected course developers – 21
Number of course developer applicants – 22

SPRING 2013
### UCCI Institute #12: Language Other than English (“e”) | Health, Science, and Medical Technology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Language Other than English (“e”)</th>
<th>Other Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>54</td>
<td>Spanish 4 for Patient Care: ¡Soccoro!</td>
<td>“e”</td>
<td>Patient Care</td>
</tr>
<tr>
<td>53</td>
<td>Prepárate a servir (Spanish 3)</td>
<td>“e”</td>
<td>Patient Care</td>
</tr>
<tr>
<td>52</td>
<td>Native Speaker Spanish 3 for Health Careers</td>
<td>“e”</td>
<td>Patient Care</td>
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</tbody>
</table>

Number of selected course developers: 19  
Number of course developer applicants: 39

### UCCI Institute #11: History/Social Science (“a”) and English (“b”) | Arts, Media and Entertainment

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>History/Social Science (“a”)</th>
<th>Other Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>World History by Design</td>
<td>“a”</td>
<td>Production and Managerial Arts</td>
</tr>
<tr>
<td>50</td>
<td>U.S. History through Media Design Arts</td>
<td>“a”</td>
<td>Design, Visual and Media Arts</td>
</tr>
<tr>
<td>49</td>
<td>Get Reel: English through your Lens</td>
<td>“b”</td>
<td>Production and Managerial Arts</td>
</tr>
<tr>
<td>48</td>
<td>Communication by Design</td>
<td>“b”</td>
<td>Design, Visual and Media Arts</td>
</tr>
</tbody>
</table>

Number of selected course developers: 28  
Number of course developer applicants: 41

### FALL 2012

### UCCI Institute #10: Language Other than English (“e”) | Marketing, Sales and Service

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Language Other than English (“e”)</th>
<th>Other Categories</th>
</tr>
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<tbody>
<tr>
<td>47</td>
<td>Spanish for the Entrepreneurial Mind</td>
<td>“e”</td>
<td>Entrepreneurship/Self-Employment</td>
</tr>
<tr>
<td>46</td>
<td>Professional Sales and Spanish</td>
<td>“e”</td>
<td>Professional Sales</td>
</tr>
<tr>
<td>45</td>
<td>Introducción a Marketing</td>
<td>“e”</td>
<td>Marketing</td>
</tr>
<tr>
<td>44</td>
<td>Global Marketing for the 21st Century: Japanese</td>
<td>“e”</td>
<td>Marketing</td>
</tr>
<tr>
<td>43</td>
<td>Step into the World of Entrepreneurship: Chinese</td>
<td>“e”</td>
<td>Entrepreneurship/Self-Employment</td>
</tr>
<tr>
<td>42</td>
<td>Le Francais 3 et Marketing</td>
<td>“e”</td>
<td>Marketing</td>
</tr>
</tbody>
</table>

Number of selected course developers – 52  
Number of course developer applicants – 85

### UCCI Institute #9: English (“b”) | Public Services

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>English (“b”)</th>
<th>Other Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>Literacy, Advocacy and Public Service</td>
<td>“b”</td>
<td>Public and Community Health</td>
</tr>
<tr>
<td>40</td>
<td>Shift Happens: Uncommon English for the Common Good</td>
<td>“b”</td>
<td>survey of Public Safety, Emergency Response &amp; Legal Practices</td>
</tr>
</tbody>
</table>

Number of selected course developers – 16  
Number of course developer applicants – 22

### SUMMER 2012
UCCI Institute #8: History/Social Science ("a") and English ("b") | Health Sciences and Medical Technology

39) U.S. History and Public Health (History/Social Science “a” | Public and Community Health)
38) Government and Economics of Public Health in America (History/Social Science “a” | Public and Community Health)
37) Advocating for a Healthy You & Community (English “b” | Public and Community Health)

Number of selected course developers: 24
Number of course developer applicants: 31

UCCI Institute #7: Mathematics ("c") | Information and Communication Technologies

36) Algebra 1: A Programming Approach (Math “c” | Software and Systems Development)
35) Rolling Across the Geometric Bridge with Technology (Math “c” | Software and Systems Development)
34) Algebra 2 for the 21st Century (Math “c” | Software and Systems Development)

Number of selected course developers: 18
Number of course developer applicants: 25

SPRING 2012

UCCI Institute #6: English ("b") | Arts, Media and Entertainment

33) Language Takes the Stage (English “b”) | Performing Arts)
32) English and Videography (English “b”) | Production and Managerial Arts)
31) The Human Experience (English “b”) | (English “b”) | Production and Managerial Arts)
30) Depth of Field: Identity through Literature and Video (English “b”) | Production and Managerial Arts)

Number of selected course developers: 37
Number of course developer applicants: 47

UCCI Institute #5: Mathematics ("c") | Building Trades and Construction

29) Geometry by Design! (Math “c” | Cabinetry, Millwork and Woodworking)
28) Nailing Algebra 1 (Math “c” | Residential and Commercial Construction)
27) Constructing Geometry (Math “c” | Residential and Commercial Construction)
26) Constructing Algebra 2 (Math “c” | Residential and Commercial Construction)

Number of selected course developers: 34
Number of course developer applicants: 37

FALL 2011

UCCI Institute #: History/Social Science ("a") and Laboratory Science ("d") | Energy and Utilities; Engineering and Design; Hospitality, Tourism and Recreation; Public Services; Transportation
24) Biological Links to Energy and Environment (Laboratory Science “d” | Environmental Resources & Energy and Power Technology)
23) Green Building Design (Laboratory Science “d” | Engineering Design)
22) Green Up and Go! Clean Energy-neering (Laboratory Science “d” | Engineering Technology)
21) Put Your Eco-Foot Down (History/Social Science | Hospitality, Tourism and Recreation)
20) Stars, Stripes & Service (History/Social Science “a” | Hospitality, Tourism and Recreation)
19) U.S. History & Hospitality (History/Social Science “a” | Hospitality, Tourism and Recreation)

Number of selected course developers: 49
Number of course developer applicants: 89

**SPRING 2011**

**UCCI Institute #3: Mathematics (“c”) and Laboratory Science (“d”) | Engineering and Design; Finance and Business; Hospitality, Tourism and Recreation**

18) Business Algebra 2 (Math “c” | Financial Services)
17) Engineering Algebra (Math “c” | Engineering Design)
16) Engineering Geo-Land (Math “c” | Engineering Design)
15) Engineering Geometry with Physics** (Math “c” & Laboratory Science “d” | Engineering Design)
14) Cooking with Science (Laboratory Science “d” | Food Science, Dietetics and Nutrition)
16) Algebra at Your Service (Math “c” | Hospitality, Tourism and Recreation)

Number of selected course developers: 55
Number of course developer applicants: 73

**FALL 2010**

**UCCI Institute #2: History/Social Science (“a”) and English (“b”) | Arts, Media and Entertainment; Education, Child Development and Family Services; Health Science and Medical Technology; Hospitality, Tourism and Recreation; Marketing, Sales and Services; Public Services**

12) Culinary World History (History/Social Science | Food Service and Hospitality)
11) Integrated Marketing and English (English “b” | Marketing)
10) Journey for Justice in America (History/Social Science | Legal Practices)
9) Issues of Social Justice in the American Government and Education (History/Social Science | Legal Practices)
8) World History and Cultural Identities through Media Design Arts (History/Social Science | Media Design Arts)
7) Designing the American Dream (English “b” | Media and Design Arts)
6) Medical America: Our Body, Our History (History/Social Science | Public and Community Health)
5) Applied Medical English (English “b” | Patient Care)

Number of selected course developers: 72
Number of course developer applicants: 73

**SPRING 2010**
<table>
<thead>
<tr>
<th>Course Description</th>
<th>Approval Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Algebra 1 (Math “c”</td>
<td>Financial Services)</td>
</tr>
<tr>
<td>Finance and Business Algebra 1 (Math “c”</td>
<td>Financial Services)</td>
</tr>
<tr>
<td>Business Statistics** (Math “c” &amp; Elective “g”</td>
<td>Financial Services)</td>
</tr>
<tr>
<td>da Vinci Algebra 1** (Math “c” &amp; Visual &amp; Performing Arts “f”</td>
<td>Media and Design Arts)</td>
</tr>
</tbody>
</table>

**Number of selected course developers: 38**
**Number of course developer applicants: 59**

*All courses shaded in purple have been “a-g” approved.

**All courses marked with two asterisks have been approved in two different “a-g” areas and require concurrent enrollment in both courses.

***When course was developed the content standards from the Public and Community Health pathway fell within the Public Services CTE sector but now fall within the Health Science and Medical Technology CTE sector.