

Online vs.

Brick and Mortar

**ICD Classes
Present and Future**


What is the most popular class at your learning center?

Please discuss at your tables.

Average Customized Course Costs for Popular Classes in 2018

Course Name	Number of Sections	Average Section Cost	Average Number Enrolled /Section	Average Cost/ Partici-pant	Average Hours/ Section	Average Cost/ Hour	Ave. Cost /Partici-pant /Hour	Number Unique Providers
Welding	32	\$1,371.37	6	\$213.87	30	\$59.13	\$10.25	9
small engine	27	\$4,211.31	10	\$381.34	28	\$234.89	\$18.41	8
HVAC	12	\$4,862.50	9	\$571.03	45	\$111.75	\$12.42	5
Cooking	59	\$2,197.50	9	\$220.02	7	\$292.92	\$30.56	17
Cooking -- sausage only	12	\$3,135.52	11	\$294.54	9	\$299.25	\$27.08	5
Investing/Retirement Planning	52	\$4,726.50	13		10			16
Investing -- fee based	29	\$8,475.10	15	\$537.59	15	\$671.76	\$52.07	5
Investing -- free	23	\$0.00	10	\$0.00	5	\$0.00	\$0.00	12
Fitness	40	\$2,861.84	12	\$216.01	18	\$194.72	\$13.90	11
Fitness - yoga only	15	\$1,430.79	8	\$180.26	19	\$80.67	\$9.40	4
Stained Glass/Fusing/Mosaic	22	\$2,478.21	8	\$381.77	19	145.23	\$21.18	6
Business	14	\$3,553.93	8	\$441.17	13	324.21	\$43.50	2
Language Learning	13	\$3,165.86	8	\$354.69		\$44.20	\$9.20	5
Firestick/KODI/Raspberry Pi/Roku	28	\$2,290.89	8	\$295.34	7	\$393.86	\$49.64	5
Basic Computers	17	\$1,280.07	7	\$225.10	12	\$106.24	\$22.00	8
Tablets	14	\$4,640.36	13	\$361.67	9	\$611.43	\$47.00	3
Excel	13	\$1,343.42	7	\$215.37	7	\$165.62	\$34.15	8

A Brief History of **ONLINE LEARNING**

 Year


1728 

The world's first distance learning course is established in Boston, with lessons sent by mail.

1840 

Shorthand is taught by correspondence in Great Britain.

WRITTEN ERA

Also That Year 




Captain Cook is born.



The first recorded bowling match in the U.S. occurs.

1922 

Penn State begins offering courses through the radio.

1925 

By 1925, 200+ colleges and universities have been granted radio broadcasting licenses.

1965 

The first statewide, telephone-based education program is offered by the University of Wisconsin.

RADIO ERA



Alfred Einstein wins a Nobel Prize.



The first film ever is shown on an airplane.



The Supremes release "Stop in the Name of Love."

1968 

Stanford University founds the Stanford Instructional Television Network, offering instruction for part-time engineering students.

1969 

U.S. Department of Defense creates the Internet (ARPANET).

1971 

Social critic Ivan Illich writes "Deschooling Society," which describes computer-based education.

TV ERA



NBC makes an unprecedented on-air announcement: "Star Trek" will return.



The Beatles release "Yellow Submarine".

1989


ICD first negotiated into Basic Steel Collective Bargaining Agreements

1976 

University of Phoenix is founded to give working adults flexible higher education options.

1982 

CALC (Computer Assisted Learning Center), a computer-based learning center for adults, is established.

1992 

The Electronic University Network offers a Ph.D. program via America Online.

1994 

The first completely online curriculum is introduced by CalCampus.

ONLINE ERA



Cigarette advertisements are banned on TV.



"Late Night with David Letterman" debuts.



Eurodisney opens.



Nelson Mandela chosen to be the first president of South Africa's post-apartheid era.

1995 


Western Governors University is founded by 19 U.S. governors to help Western states maximize educational resources through distance learning.

1997 


CVU (California Virtual University), a consortium of California colleges offering more than 1,000 online courses, is launched.

1999 


The world is introduced to a host of new educational tools, including Blackboard and eCollege.

2001 

Advances in online educational tools continue. Moodle.com begins running Moodle.

2002 

The OpenCourseWare project, a resource of free online course materials from MIT, becomes available.

2003 

81% of colleges have at least one online class.

MODERN ERA



"Far Side" by cartoonist Gary Larson ends (started 1980).



Comet Hale-Bopp crosses Mars' orbit.



Wayne Gretzky plays his last game in the NHL.



Mars Odyssey is launched.



Euro banknotes and coins become legal tender.




2007

First ever MOOC, Advanced Learning Interactive Systems Online (ALISON), is created.




Apple Inc. CEO, Steve Jobs, announces the iPhone.

2008 

Khan Academy is founded. StraighterLine is founded and begins connecting online students with high-quality, affordable, and transferable online college courses.




Barack Obama is elected 44th President of the United States.

2009 

The number of students taking at least one course online reaches 5.5 Million.




Gamma ray burst GRB 090423 observed as the most distant and oldest known object in the universe.

2010 

83% of CEOs and small business owners in the United States consider online degrees to be as credible as traditional degrees.



The Burj Khalifa, the world's tallest building is officially opened.

2013 

77% of academic leaders rate the learning outcomes in online education as the same or superior to those as in face-to-face instruction, up from 57% in 2003.

2014 

98% of public colleges and universities offer online programs.

2014

ICD adds new policy allowing online subscriptions for participants

1998

ICD & Empire State College form a distance education partnership

Benefits of Online Learning



Schedule

Online classes can be used to fit around around a busy work schedule and assists in the balance of career and family life.

Retention

Studies have shown that when students are able to go through the course at their own pace their comprehension, retention, and interest increase.



Student Engagement

Students can choose their learning environment which keep them actively engaged in everything from notetaking to class discussions.

Self-Discipline

Skills such as time management, organization, and decision making increase and keep the learner self-motivated and focused.



Student Interaction

Online learners can choose how much interaction they have their classmates and professors. There are mutiple portals available to the student to connect with either one for group projects, class discussions, or to ask questions.

Career Advancements

Online classes provide an opportunity to work toward other career goals while keeping your current career and schedule.



Choice of Topics

Online courses give the student the opportunity to choose the topics from a broad range of facilities, rather than be limited by what is local.

Lower Cost

Even though the initial cost of the class may be the same, communter costs are cut. The course may also offer their materials for free to their students.



New Skills

The new participation skills that you learn with every class can carry over to any profession or way of life.