

VLookup Function

	A	B	C	D
1	Program	Program Title	CIP	Award
2	104	Multimedia Web Programming	11.0801	CERT
3	108	Multimedia Programming, Simulation & Gaming	50.041	A.S.
4	125	Technical Theatre	50.0502	DIPL
5	127	Film Worker	50.0602	CERT
6	130	Fire Science Administration	43.0201	CERT
7	210	Labor and Management Studies	52.1004	CERT
8	216	Business Management	52.0201	CERT
9	217	Accounting	52.0302	CERT
10	221	E-Commerce	52.0208	CERT
11	233	Computer Forensic Technology	11.1003	CERT
12	234	Administrative Computer Specialist	52.0407	CERT
13	242	Information Technology Support	11.0901	CERT
14	243	Software Development	11.0201	CERT
15	270	Architectural Drafting & Design	15.1303	A.S.
16	276	Mechanical Drafting & Design Technology	15.1306	A.S.
17	277	Civil Engineering Technology	15.1304	CERT
18	280	Industrial Design and Art	50.0404	A.S.
19	289	Ironworker Apprenticeship	48.0509	CERT
20	299	Electronics, Basic	15.0303	CERT
21	300	Electronic Engineering Technology	15.0303	A.S.
22	312	Heating & Air Conditioning	47.0201	CERT
23	313	Heating & Air Conditioning	47.0201	A.S.
24	316	Welding Technology	48.0508	A.S.
25	317	Welding Technology	48.0508	CERT
26	319	Welding, Gas and Oil-Cert	48.0508	CERT
27	327	Court Reporter	22.0303	A.S.
28	329	Court Reporting	22.0303	CERT
29	330	Fire Science Administration	43.0201	A.S.
30	339	Carpentry Apprentice	46.0201	CERT
31	340	Accounting Specialist	52.0302	A.S.
32	349	Automotive Technology	47.0604	A.S.
33	350	Automotive Technology Program	47.0604	CERT
34	365	Plumbing	46.0503	CERT
35	374	Graphic Communication	50.0409	A.S.
36	376	Digital Graphic Design	50.0409	CERT
37	378	Aviation Management	49.0104	A.S.
38	379	Sheet Metal Worker Apprenticeship	48.0506	A.S.
39	382	Aviation Technology	49.0102	A.S.
40	383	Facilities Maintenance Technology	46.0401	CERT
41	384	Facilities Maintenance Technology	46.0401	A.S.

Vlookup Example

Input	349
Program Title	Automotive Technology
CIP	47.0604
Award	A.S.

2
3
4

These numbers form the "Col Index" and tell the function what column of data to display

=VLOOKUP(\$G\$2,\$A\$2:\$D\$130,H3,FALSE)

Parts of Vlookup

Part	Explanation
Lookup Value	What the function is looking for in the data table
Table Array	The table defined as a cell range
Col Index	The column in the table that forms the return
Range lookup	False for exact match, True or blank for near match

Vlookup Example Above

Part	Explanation
Lookup Value	G2 - Absolute Cell Reference - try entering other inputs
Table Array	A2:D130
Col Index	H3 = 2 ("answer" will come from 2nd column of table
Range lookup	False for exact match, True or blank for near match

Function Arguments

VLOOKUP

Lookup_value	\$G\$2	=	349
Table_array	\$A\$2:\$D\$130	=	{104,"Multimedia Web Programming","11.0801",...
Col_index_num	H3	=	2
Range_lookup	FALSE	=	FALSE

= {"Automotive Technology"}

Looks for a value in the leftmost column of a table, and then returns a value in the same row from a column you specify. By default, the table must be sorted in an ascending order.

Lookup_value is the value to be found in the first column of the table, and can be a value, a reference, or a text string.

Formula result = Automotive Technology

[Help on this function](#)

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