

Snippets To Boost Your WooCommerce Website

Barry Harris



About Me

About Me



34+ year Military Career

4 Overseas Tours

14 relocations across Canada

Always Enjoyed Computers

BCIT Web Design Certificate

BSc Athabasca University (80%)

Started Majaid Web Solutions 2016

Discovered WordPress / WooCommerce

Freelancer - over 350 websites to date

Development Setup

Development Setup

- Mac Mini M2
 - Speed & Graphics
- Sublime Text
- LocalWP
 - Control (web server, database, PHP)
 - Email capture
- Chrome, Firefox, Edge, Safari
- iPhone & Samsung
- Dreamhost (OVH, WHC, Cloudways, Kinsta)
- Dreamhost Staging
- Avoid Endurance International Group
 - Dotster, HostGator, HostMonster, iPage, JustHost, Netfirms
- Avoid others where I can't 'touch' the server

Caveats

Caveats

- WordPress Coding Standards
 - <https://developer.wordpress.org/coding-standards/wordpress-coding-standards/>
- Sanitize Data
 - <https://developer.wordpress.org/apis/security/sanitizing/>
- Escape Data
 - <https://developer.wordpress.org/apis/security/escaping/>
- Use a Child Theme
 - <https://developer.wordpress.org/themes/advanced-topics/child-themes/>
- functions.php vs snippets
 - Changing themes
- Don't change original theme/plugin files
 - Updates - changes lost
- Be wary of Copy & Pasting
 - single & double quotes

Test - Test - Test

WordPress Hooks

Actions and Filters

- Actions run custom functions at a specific point
 - `do_action('action_name')`
- Actions can only be hooked in with Action functions
 - `add_action(), remove_action()`
- Action functions may not pass any arguments to the callback functions
- Action functions can perform any kind of task, including changing the behavior of how WordPress works.
- Action functions should **return** nothing. However, they can **echo** the output or interact with the database.
- Filters modify data used by other functions.
 - `apply_filters('filter_name', 'value_to_be_filtered')`
- Filters can only be hooked in with Filter functions
 - `add_filter(), remove_filter()`
- Filter functions must pass at least one argument to the callback function
- Filter functions modify the data passed to them by the filters
- Filter functions must **return** their changes as output.

Actions and Filters (where to find them)

- orders.php

```
do_action(  
'woocommerce_before_account_orders_p  
agination' );
```

- class-wc-shipping.php

```
apply_filters(  
'woocommerce_shipping_methods',  
$shipping_methods );
```

<https://woocommerce.github.io/code-reference/>

<https://woocommerce.github.io/code-reference/hooks/hooks.html>

Visual Hook Guides (Business Bloomer)

Cart

woocommerce_before_cart

woocommerce_before_cart_table

		Product	Price	Quantity	Total
<i>woocommerce_before_cart_contents</i>					
⊗		Test 6	€5,00	2	€10,00
⊗		Test product	€1,00	1	€1,00

woocommerce_cart_contents

woocommerce_before_checkout_form

-> "Have a coupon?" section <-

woocommerce_checkout_before_customer_details

Billing Details

woocommerce_before_checkout_billing_form

First Name * Last Name *

Company Name

Email Address * Phone *

Country *

Address *
Street address

<https://www.businessbloomer.com/category/woocommerce-tips/visual-hook-series/>

Snippets (generic info)

Snippets (where to find)

- Google is your friend
- WooCommerce
 - <https://woocommerce.com/documentation/plugins/woocommerce/woocommerce-codex/snippets/>
- Rodolfo Melogli
 - <https://www.businessbloomer.com/>
- Bill Erickson
 - <https://www.billerickson.net/code/>
- UnlimitedWP
 - <https://unlimitedwp.com/ecommercehints/woocommerce-customisation-code-snippets/>
- WPExplorer (50 snippets)
 - <https://www.wpexplorer.com/best-woocommerce-snippets/>
 - <https://www.wpexplorer.com/best-woocommerce-snippets-wordpress/>

Snippets (how to add)

- Child theme
 - functions.php
- Code Snippets
 - <https://en-ca.wordpress.org/plugins/code-snippets/>
- WP Code (Insert Headers & Footers)
 - <https://en-ca.wordpress.org/plugins/insert-headers-and-footers/>

***** Do not edit original theme / plugin files *****

Snippets (“There’s a plugin for that”)

- Booster for WooCommerce
- Checkout Field Editor
- Follow Up Emails
- YITH WooCommerce Tab Manager
- ELEX Hide Shipping Methods

*** You can do most of this with a snippet ***

Action Scheduler Logs

Default retention is 30 days

wp_actionscheduler_actions (1.7GB)

wp_actionscheduler_logs (800MB)

Database size was impacting backups
and migration attempts

Hosting provider threatened to force
upgrade to dedicated MySQL VPS

```
function  
majaid_action_scheduler_retention() {  
    return WEEK_IN_SECONDS;  
}  
add_filter(  
    'action_scheduler_retention_period',  
    'majaid_action_scheduler_retention');
```

```
function  
majaid_action_scheduler_retention() {  
    return DAY_IN_SECONDS;  
}  
add_filter(  
    'action_scheduler_retention_period',  
    'majaid_action_scheduler_retention');
```


WooCommerce Snippets

- Product Snippets
- Cart Snippets
- Checkout Snippets
- Miscellaneous Snippets

Product Snippets

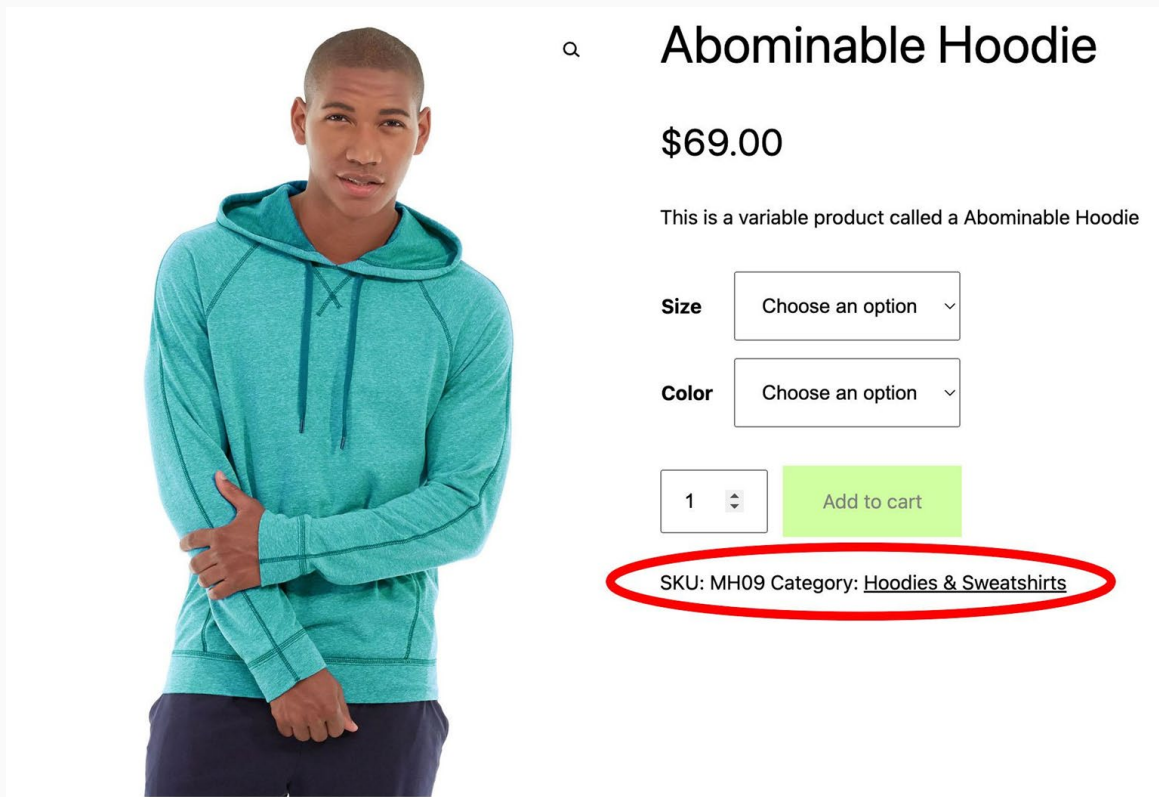
Remove product meta on single product page

Can use CSS

```
.product_meta {  
display: none;  
}
```

Code is still in source code

```
remove_action( 'woocommerce_single_product_summary',  
'woocommerce_template_single_meta', 40 );
```



The screenshot shows a product page for 'Abominable Hoodie'. On the left is a full-body image of a man wearing a teal hoodie. On the right, the product details are displayed: the product name 'Abominable Hoodie', the price '\$69.00', and a description 'This is a variable product called a Abominable Hoodie'. Below the description are two dropdown menus for 'Size' and 'Color', both set to 'Choose an option'. A quantity selector shows '1' and an 'Add to cart' button. At the bottom, the product information 'SKU: MH09 Category: Hoodies & Sweatshirts' is circled in red.

Abominable Hoodie

\$69.00

This is a variable product called a Abominable Hoodie

Size Choose an option

Color Choose an option

1 Add to cart

SKU: MH09 Category: Hoodies & Sweatshirts

Remove Additional Information Tab

Can use CSS

```
li.additional_information_tab {  
  
    display: none !important;  
  
}
```

Code is still in source code

```
remove_action( 'woocommerce_single_product_summary',  
'woocommerce_template_single_meta', 40 );
```

Description

Additional information

Activity Yoga, Recreation, Sports, Gym

Gender Men, Women, Boys, Girls, Unisex

Material Plastic

Remove WooCommerce Breadcrumbs

Client didn't want WooCommerce
Breadcrumbs

Could have used a child theme and
changed the template that loads
breadcrumbs

This was easier

```
add_action( 'init', 'remove_wc_breadcrumbs' );  
  
function remove_wc_breadcrumbs() {  
    remove_action( 'woocommerce_before_main_content',  
    'woocommerce_breadcrumb', 20, 0 );  
}
```

[Home](#) / [Gear](#) / [Fitness Equipment](#) / [Affirm Water Bottle](#)



Affirm Water Bottle

\$7.00

This is a simple product called Affirm Water Bottle

100 in stock

Add to cart

SKU: 24-UG06 Category: [Fitness Equipment](#)



Limit Order Quantity

Limit the maximum number of bottles
a single customer could purchase per
order (max = 2)

Very expensive and limited quantity
available

Sale once per year

```
add_filter( 'woocommerce_quantity_input_args',  
'majaid_woocommerce_quantity_input_args', 10, 2 ); // Simple Product  
function majaid_woocommerce_quantity_input_args( $args, $product ) {  
    if ( is_singular( 'product' ) ) {  
        $args['input_value'] = 1;  
    }  
    $args['max_value'] = 2;  
    $args['min_value'] = 1;  
    $args['step'] = 1;  
    return $args;  
}  
  
add_filter( 'woocommerce_available_variation',  
'majaid_woocommerce_available_variation' ); // Variable Product  
function majaid_woocommerce_available_variation( $args ) {  
    $args['max_qty'] = 2;  
    $args['min_qty'] = 1;  
    return $args;  
}
```

Add Pressure Notice

Examples:

Limited Stock Available

Order By 4PM, Get Delivered Tomorrow

Custom Order Message

```
add_action( 'woocommerce_single_product_summary',  
'majaid_show_pressure_message', 6 );
```

```
function majaid_show_pressure_message() {  
    echo '<div style="background-color: green; color: white;">Custom  
Orders take two weeks for delivery.</div>';  
}
```

Adrienne Trek Jacket

Custom Orders take two weeks for delivery.

\$57.00

Custom Notice for Certain Product

Can also use an array of products and loop through the array

```
add_action( 'woocommerce_single_product_summary',  
'majaid_custom_message', 20);  
function majaid_custom_message() {  
    if ( is_single( '2828' ) ) {  
        echo '<div style="background-color: green; color: white; padding-  
left:10px;">This product ships in 5 days.</div>';  
    }  
}
```

Aim Analog Watch

\$45.00

This is a simple product called Aim Analog Watch

This product ships in 5 days.

Add Suffix After Quantity Field

Client sold paint

Can use array for products

Loop through array and use conditional code to show different suffixes based on products

Examples:

Each

Litres

Dozen

```
add_action( 'woocommerce_after_quantity_input_field',  
'majaid_add_cart_suffix' );
```

```
function majaid_add_cart_suffix() {  
    if ( is_single( '2828' ) ) {  
        echo '<span class="qty-suffix">each </span>';  
    }  
}
```

Aim Analog Watch

\$45.00

This is a simple product called Aim Analog Watch

100 in stock

each

Add to cart

Cart Snippets

Show Available Stock For Each Cart Item

```
add_action( 'woocommerce_after_cart_item_name',  
'majaid_show_stock_available', 9999, 2 );  
function majaid_show_stock_available( $cart_item,  
$cart_item_key ) {  
    $product = $cart_item['data'];  
    if ( $product->backorders_require_notification() &&  
$product->is_on_backorder( $cart_item['quantity'] ) )  
return;  
    echo wc_get_stock_html( $product );  
}
```

×



Aim Analog Watch

100 in stock

Show Coupon Discount Amount

```
add_filter( 'woocommerce_cart_item_subtotal',
'majaid_show_coupon_discount', 99, 3 );

function majaid_show_coupon_discount( $subtotal,
$cart_item, $cart_item_key ){
global $woocommerce;
$coupon_code = '10off';
if ( $woocommerce->cart->has_discount( $coupon_code ) ) {
$newsubtotal = wc_price( $cart_item['data']->get_price() *
0.90 * $cart_item['quantity'] );
$subtotal = sprintf( '<s>%s</s> %s', $subtotal,
$newsubtotal );
}
return $subtotal;
}
```

Show Coupon Discount Amount

	Product	Price	Quantity	Subtotal
	 <u>Aim Analog Watch</u> 100 in stock	\$45.00	1 	\$45.00 \$40.50

Add Handling Fee

Can add additional logic for percentage additional, percentage off, etc.

```
add_action(
    'woocommerce_cart_calculate_fees', 'majaid_add_handling_fee'
);

function majaid_add_handling_fee() {
    $handling_fee = 10;
    WC()->cart->add_fee( 'Handling Fee', $handling_fee );
}
```

Add Handling Fee

CART TOTALS

Subtotal \$45.00

Shipping Flat rate: \$20.00

Shipping to **Vancouver BC V6Z 1R7.**

[Change address](#)

Handling Fee **\$10.00**

Total \$75.00

Automatically Update Cart

Need to add this CSS

```
button[name='update_cart'] {
```

```
    display: none !important;
```

```
}
```

```
add_action( 'wp_footer', 'majaid_update_cart' );



function majaid_update_cart() {
    if ( is_cart() || ( is_cart() && is_checkout() ) ) {
        wc_enqueue_js( "
            $('div.woocommerce').on('click', 'input.qty',
function() {
            $(''[name='update_cart\']').trigger('click');
            });
        " );
    }
}
```

***** Don't Forget the CSS *****

Remove Product Link

Don't give customers another way to leave the Cart page

```
add_filter( 'woocommerce_cart_item_permalink',  
'__return_null' );
```

	Product	Price	Quantity	Subtotal
X	 <u>Aim Analog Watch</u>	\$45.00	1	\$45.00
	Product	Price	Quantity	Subtotal
X	 Aim Analog Watch	\$45.00	1	\$45.00

Automatically Redirect to Checkout

Client only sold one product

Wanted way to bypass Cart page and
go directly to the Checkout page

Changed the text on the Add to Cart
buttons as well

```
add_filter( 'woocommerce_loop_add_to_cart_link',  
'majaaid_add_to_cart_text_1' );  
  
function majaaid_add_to_cart_text_1( $add_to_cart_html ) {  
    return str_replace( 'Add to cart', 'Buy now',  
$add_to_cart_html ); }  
  
add_filter( 'woocommerce_product_single_add_to_cart_text',  
'majaaid_add_to_cart_text_2' );  
  
function majaaid_add_to_cart_text_2( $product ){  
    return 'Buy now'; }  
  
add_filter( 'woocommerce_add_to_cart_redirect',  
'majaaid_skip_cart_redirect_checkout' );  
  
function majaaid_skip_cart_redirect_checkout( $url ) {  
    return wc_get_checkout_url();  
}
```

Checkout Snippets

Remove Company Name field

```
add_filter( 'woocommerce_default_address_fields' ,  
'majaidd_rename_state_to_province', 9999 );
```

```
function majaidd_rename_state_to_province( $fields ) {  
    $fields['state']['label'] = 'Province';  
    return $fields;  
}
```

Checkout

Have a coupon? [Click here to enter your code](#)

Billing details

First name *

Last name *

Company name (optional)

Your order

Affirm Water Bottle × 8 **\$56.00**

Aim Analog Watch × 1 **\$45.00**

Abominable Hoodie - XS, Blue × 1 **\$69.00**

Remove Billing Fields

Check any Payment Gateways for must have fields

Typically

- Name
- Address
- Phone Number

```
add_filter( 'woocommerce_checkout_fields' ,  
'majaaid_remove_billing_fields' );  
  
function majaaid_remove_billing_fields( $fields ) {  
    unset($fields['billing']['billing_first_name']);  
    unset($fields['billing']['billing_last_name']);  
    unset($fields['billing']['billing_company']);  
    unset($fields['billing']['billing_address_1']);  
    unset($fields['billing']['billing_address_2']);  
    unset($fields['billing']['billing_city']);  
    unset($fields['billing']['billing_postcode']);  
    unset($fields['billing']['billing_country']);  
    unset($fields['billing']['billing_state']);  
    unset($fields['billing']['billing_phone']);  
    unset($fields['order']['order_comments']);  
    return $fields;  
}
```

Remove Shipping Fields

```
add_filter( 'woocommerce_checkout_fields' ,  
'majaid_remove_shipping_fields' );  
  
function majaid_remove_shipping_fields( $fields ) {  
    unset($fields['billing']['shipping_first_name']);  
    unset($fields['billing']['shipping_last_name']);  
    unset($fields['billing']['shipping_company']);  
    unset($fields['billing']['shipping_address_1']);  
    unset($fields['billing']['shipping_address_2']);  
    unset($fields['billing']['shipping_city']);  
    unset($fields['billing']['shipping_postcode']);  
    unset($fields['billing']['shipping_country']);  
    unset($fields['billing']['shipping_state']);  
    return $fields;  
}
```

Add Shipping Phone Field

Very useful when customer wants to ship to someone else.

Two Steps

1. Add Field
2. Pull data

View Fields Arrays

<https://woocommerce.com/document/tutorial-customising-checkout-fields-using-actions-and-filters/>

```
add_filter( 'woocommerce_checkout_fields',
'majaid_shipping_phone_checkout' );

function majaid_shipping_phone_checkout( $fields ) {
    $fields['shipping']['shipping_phone'] = array(
        'label' => 'Shipping Phone',
        'type' => 'tel',
        'required' => false,
        'class' => array( 'form-row-wide' ),
        'validate' => array( 'phone' ),
        'autocomplete' => 'tel',
        'priority' => 25,
    );
    return $fields;
}

add_action(
'woocommerce_admin_order_data_after_shipping_address',
'majaid_shipping_phone_checkout_display' );

function majaid_shipping_phone_checkout_display( $order ){
    echo '<p><b>Shipping Phone:</b> ' . get_post_meta(
$order->get_id(), '_shipping_phone', true ) . '</p>';
}
```

Move Email Field To Top

Great for when using Cart
Abandonment

```
add_filter( 'woocommerce_billing_fields',  
'majaid_move_checkout_email_field' );  
  
function majaid_move_checkout_email_field( $address_fields  
) {  
    $address_fields['billing_email']['priority'] = 1;  
    return $address_fields;  
}
```

Checkout

Have a coupon? [Click here to enter your code](#)

Billing details

Email address *

majaidweb@gmail.com

First name *

Last name *

Company name (optional)

Your order

Affirm Water Bottle × 8 **\$56.00**

Aim Analog Watch × 1 **\$45.00**

Abominable Hoodie - XS, Blue
× 1 **\$69.00**

Subtotal **\$170.00**

Hide Other Shipping Methods when Free Shipping is Available

Free shipping on orders > \$200

```
add_filter( 'woocommerce_package_rates',  
'majaid_hide_shipping_when_free_is_available', 100 );  
  
function majaid_hide_shipping_when_free_is_available( $rates ) {  
    $free = array();  
    foreach ( $rates as $rate_id => $rate ) {  
        if ( 'free_shipping' === $rate->method_id ) {  
            $free[ $rate_id ] = $rate;  
            break;  
        }  
    }  
    return ! empty( $free ) ? $free : $rates;  
}
```

Move Coupon to Bottom of Form

Try to remove distractions from Checkout

```
remove_action( 'woocommerce_before_checkout_form',  
'woocommerce_checkout_coupon_form', 10 );
```

```
add_action( 'woocommerce_after_checkout_form',  
'woocommerce_checkout_coupon_form', 10 );
```

Ship to a different address?

Order notes (optional)

Notes about your order, e.g. special notes for delivery.

Have a coupon? [Click here to enter your code](#)

Add Trust Image to Checkout

Build trust with customers

```
add_action( 'woocommerce_review_order_after_submit',  
'majaid_add_trust_image' );
```

```
function majaid_add_trust_image() {  
    echo '';  
}
```

Your personal data will be used to process your order, support your experience throughout this website, and for other purposes described in our [privacy policy](#).

PLACE ORDER

Secured by **PayPal**

Miscellaneous Snippets

Send Follow Up Email Asking for Review

Example uses code from Google My
Business Review

Can use other links like trustPilot

```
add_action( 'woocommerce_order_status_completed', 'majaid_send_review_email' );
function majaid_send_review_email( $order_id ) {
    $order = wc_get_order( $order_id );
    $order_date = $order->get_date_created();
    $order_date_timestamp = strtotime( $order_date );
    $current_date_timestamp = strtotime( date( 'Y-m-d H:i:s' ) );
    $difference = $current_date_timestamp - $order_date_timestamp;
    $days = floor( $difference / (60*60*24) );
    if ( $days == 7 ) {
        $to = $order->get_billing_email();
        $subject = 'Thanks for your order!';
        $message = 'Hi '. $order->get_billing_first_name() . ',<br>We hope you
are happy with your recent order? We would love to hear your feedback on <a
href="https://g.page/r/Cf_TZwD2utXNEB0/review">Google Reviews here</a>';
        $headers = array('Content-Type: text/html;
charset=UTF-8');
        wp_mail( $to, $subject, $message, $headers );
    }
}
```

Catalogue Mode

Client just wanted to showcase their products

```
add_action( 'init', 'majaid_catalogue_mode' );

function majaid_catalogue_mode() {
    if ( ! is_user_logged_in() ) {
        remove_action( 'woocommerce_after_shop_loop_item',
'woocommerce_template_loop_add_to_cart', 10 );
        remove_action( 'woocommerce_single_product_summary',
'woocommerce_template_single_add_to_cart', 30 );
        remove_action( 'woocommerce_single_product_summary',
'woocommerce_template_single_price', 10 );
        remove_action( 'woocommerce_after_shop_loop_item_title',
'woocommerce_template_loop_price', 10 );
    }
}
```

Disable Password Changed Email

Client used third-party email and had limited number of emails per day on the free plan.

```
add_filter( 'woocommerce_disable_password_change_notification',  
'__return_true' );
```

Display Cart Array for Troubleshooting

Useful for debugging

Don't use on live site

```
add_action( 'woocommerce_before_cart', 'majaiddisplaycartarray' );

function majaiddisplaycartarray() {
    $cart = WC()->cart->get_cart();

    print_r($cart);
}
```

Cart

```
Array ( [b139aeda1c2914e3b579aafd3ceeb1bd] => Array ( [key] => b139aeda1c2914e3b579aafd3ceeb1bd [product_id] =>
2828 [variation_id] => 0 [variation] => Array ( ) [quantity] => 1 [data_hash] => b5c1d5ca8bae6d4896cf1807cdf763f0
[line_tax_data] => Array ( [subtotal] => Array ( ) [total] => Array ( ) ) [line_subtotal] => 45 [line_subtotal_tax] => 0
[line_total] => 45 [line_tax] => 0 [data] => WC_Product_Simple Object ( [id:protected] => 2828 [data:protected] => Array (
[name] => Aim Analog Watch [slug] => aim-analog-watch [date_created] => WC_DateTime Object ( [utc_offset:protected]
=> 0 [date] => 2023-06-21 14:58:48.000000 [timezone_type] => 1 [timezone] => +00:00 ) [date_modified] =>
WC_DateTime Object ( [utc_offset:protected] => 0 [date] => 2023-06-21 14:58:50.000000 [timezone_type] => 1
[timezone] => +00:00 ) [status] => publish [featured] => [catalog_visibility] => visible [description] =>
```


Force Customers to Login

Client operated Boutique Shop

Customers by invitation only

Added Customers manually

```
add_filter( 'woocommerce_get_price_html', 'majaid_force_user_login',  
9999, 2 );
```

```
function majaid_force_user_login( $price, $product ) {  
    if ( ! is_user_logged_in() ) {  
        $price = '<div style="width: 100%"><a href="' . get_permalink(  
wc_get_page_id( 'myaccount' ) ) . '" style="text-align:center; color:  
red;">' . __( 'Login to see prices', 'woocommerce' ) . '</a></div>';  
        remove_action( 'woocommerce_after_shop_loop_item',  
'woocommerce_template_loop_add_to_cart', 10 );  
        remove_action( 'woocommerce_single_product_summary',  
'woocommerce_template_single_add_to_cart', 30 );  
        add_filter( 'woocommerce_is_purchasable', '__return_false' );  
    }  
    return $price;  
}
```

Force Customers to Login

Shop

Showing 1–16 of 191 results

Default sorting



Abominable Hoodie

[Login to see prices](#)



Adrienne Trek Jacket

[Login to see prices](#)



Aeon Capri

[Login to see prices](#)



Aero Daily Fitness Tee

[Login to see prices](#)

Sort Shipping Methods by Price

Default Sorting is by Shipping Method Provider

Such as:

Canada Post

Canpar

USPS

Free Shipping

Local Pickup

```
add_filter( 'woocommerce_package_rates' ,  
'majaid_sort_shipping_methods', 9999, 2 );
```

```
function majaid_sort_shipping_methods( $rates, $package ) {  
    if ( ! is_array( $rates ) ) return $rates;  
    uasort( $rates, function ( $a, $b ) {  
        if ( $a == $b ) return 0;  
        return ( $a->cost < $b->cost ) ? -1 : 1;  
    } );  
    return $rates;  
}
```

Questions?



“Unlocking online potential, one website at a time.”

Barry Harris



Majaid Web Solutions

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