Projeto de Interface Gráfica
Materialize Tutorial

Profa. Joyce Miranda

Materialize Tutorial

▶ Sobre

  ▸ *Framework* para Desenvolvimento de Aplicações *Web* Responsivas

  ▸ Focado no Desenvolvimento *Front.End*: HTML, CSS e JavaScript

  ▸ Baseado no *Material Design*, linguagem de design criada pela Google

▶ Por onde Começar?

　▸ Acesse o site oficial: https://materializecss.com

　▸ Faça download do *Framework*

MATERIALIZE ⬇

　▸ Salve os arquivos do framework no seu projeto

```
MyWebsite/
|--css/
|   |--materialize.css
|
|--fonts/
|   |--roboto/
|
|--js/
|   |--materialize.js
|
|--index.html
```

▶ Configuração

```html
<!DOCTYPE html>
<html>
  <head>
    <!--Import Google Icon Font-->
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
    <!--Import materialize.css-->
    <link type="text/css" rel="stylesheet" href="css/materialize.min.css"  media="screen,projection"/>

    <!--Let browser know website is optimized for mobile-->
    <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  </head>

  <body>

    <!--JavaScript at end of body for optimized loading-->
    <script type="text/javascript" src="js/materialize.min.js"></script>
  </body>
</html>
```

Projeto de Interface Gráfica
Materialize Tutorial

▶ **CSS/Color**

Seja bem-vindo(a)!

```
<!--background-color-->
<div class="card-panel">Seja bem-vindo(a)!</div>

<div class="card-panel pink">Seja bem-vindo(a)!</div>

<div class="card-panel pink darken-3">Seja bem-vindo(a)!</div>
```

Seja bem-vindo(a)!

Seja bem-vindo(a)!

```
<!--text-color-->
<div class="card-panel pink darken-3 blue-text">
  Seja bem-vindo(a)!
</div>

<div class="card-panel pink darken-3 blue-text text-lighten-4">
  Seja bem-vindo(a)!
</div>
```
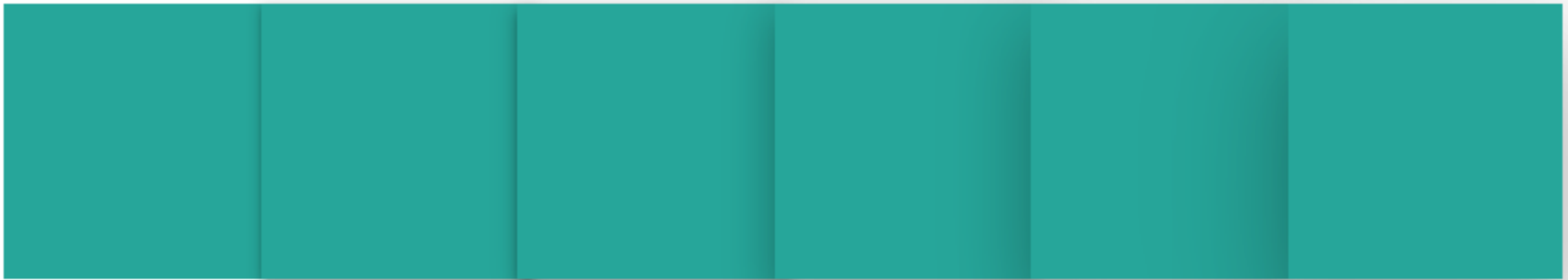
Seja bem-vindo(a)!

Seja bem-vindo(a)!

CSS/Shadow


```
<div class="card-panel teal">Home</div>

<div class="card-panel teal z-depth-5">Home</div>
```

- **CSS/Typography**
  - **Flow Text**

```
<p class="flow-text">
  Lorem ipsum dolor sit amet, consecte
  tincidunt eget. Phasellus imperdiet
  quis libero faucibus ultrices. Phase
  sit amet diam laoreet imperdiet non
  Morbi et augue tristique, posuere le
  at fermentum ac, placerat in purus.
  Nullam non ante felis. Ut id erat a
</p>
```

▸ ***CSS/Table***

```
<table class="highlight centered responsive-table ">
  <thead>
    <tr>
      <th>Código</th>
      <th>Nome</th>
      <th>Valor</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>0001</td>
      <td>Trigo</td>
      <td>$$$$</td>
    </tr>
    <tr>
      <td>0002</td>
      <td>Algodão</td>
      <td>$$$$$</td>
    </tr>
  </tbody>
</table>
```

Código	Nome	Valor
0001	Trigo	$$$$
0002	Algodão	$$$$$

Código	0001	0002
Nome	Trigo	Algodão
Valor	$$$$	$$$$$

Materialize Tutorial

▸ *CSS/Grid*

▸ *Container*

```html
<div class="card-panel teal">Sem Container</div>

<div class="container">
  <div class="card-panel teal">Com Container</div>
</div>
```

Sem Container

Com Container

▸

Materialize Tutorial

▶ *CSS/Grid*

```html
<div class="container row">
  <div class="card-panel teal col s12">12 cols</div>
</div>

<div class="container row">
  <div class="card-panel blue col s6">6 cols</div>
  <div class="card-panel pink col s6">6 cols</div>
</div>

<div class="container row">
  <div class="card-panel purple col s4">4 cols</div>
  <div class="card-panel orange col s4">4 cols</div>
  <div class="card-panel purple col s4">4 cols</div>
</div>
```

	Mobile Devices <= 600px	Tablet Devices > 600px	Desktop Devices > 992px	Large Desktop Devices > 1200px
Class Prefix	.s	.m	.l	.xl
Container Width	90%	85%	70%	70%
Number of Columns	12	12	12	12

▶ *CSS/Grid*

```
<div class="container row">
  <div class="card-panel purple col s12 m4">4 cols</div>
  <div class="card-panel orange col s12 m4">4 cols</div>
  <div class="card-panel purple col s12 m4">4 cols</div>
</div>
```
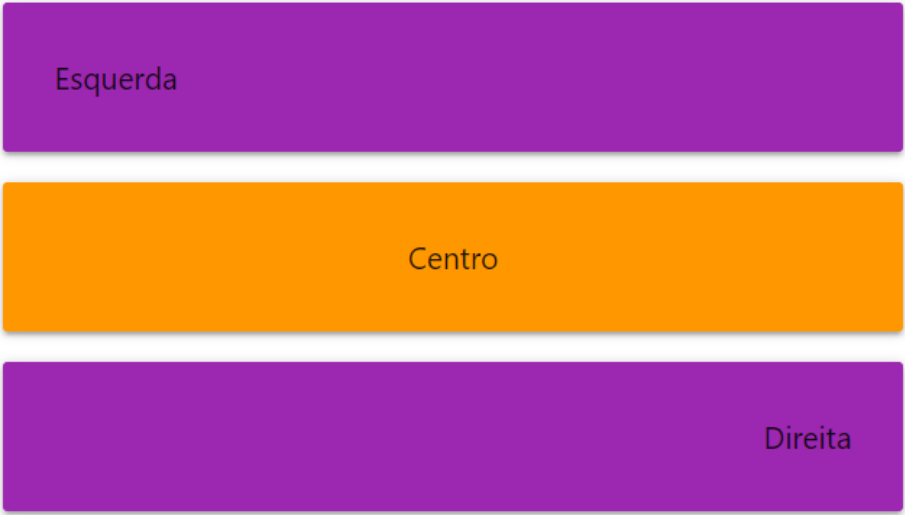
| 4 cols | 4 cols | 4 cols |

4 cols

4 cols

4 cols

▸ **CSS/Helpers -** *Alignment*

```
<div class="container">
    <div class="card-panel purple left-align">Esquerda</div>
    <div class="card-panel orange center-align">Centro</div>
    <div class="card-panel purple right-align">Direita</div>
</div>
```

▸ **CSS/Helpers -** *Hiding*

```html
<div class="container">
  <div class="card-panel pink">Show Always</div>
  <div class="card-panel pink hide">Hide Always</div>
  <div class="card-panel blue hide-on-small-only">Hide Just On Small</div>
</div>
```


▸

▶ **CSS/Helpers -** *Truncate*

```html
<div class="container">
  <div class="card-panel pink truncate">
    Lorem ipsum dolor sit amet, consectetu
    sem pulvinar suscipit. Suspendisse ex
    euismod purus dignissim, euismod ipsum
  </div>
</div>
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mor...

CSS/Media

Images

```
<div class="container row">
  <div class="col s12 m6">
    <img class="responsive-img" src="img/pordosol1.jpg" >
  </div>
  <div class="col s12 m6">
    <img class="responsive-img" src="img/pordosol2.jpg" >
  </div>
</div>
```

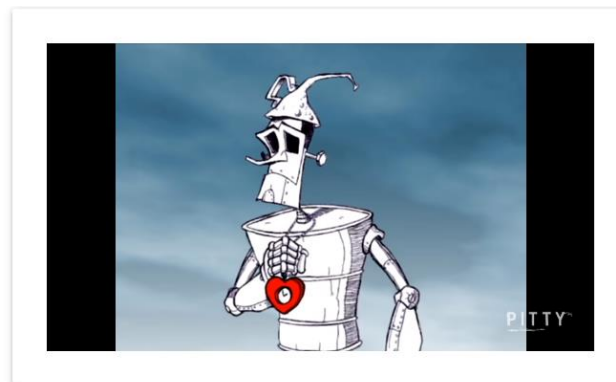- ### *CSS/Media*

  - #### *Vídeo*

```html
<div class="container">
  <div class="card-panel center-align">
    <div class="video-container">
    <iframe width="560" height="315" src="https://www.youtube.com/embed/DP3j6hgS4VY" frameborder="0"
    allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></
    iframe>
    </div>
  </div>
</div>
```

▸ *Components/Icons*

```html
<link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
```



```html
<div class="container">
  <i class="tiny material-icons">add_circle_outline</i>
  <i class="small material-icons">add_circle_outline</i>
  <i class="medium material-icons">add_circle_outline</i>
  <i class="large material-icons">add_circle_outline</i>
</div>
```

▸

▶ ***Components/Buttons***


```
<div class="container">
  <button class="btn">Enviar</button>
  <button class="btn blue">Enviar</button>
  <button class="btn red">Enviar</button>
</div>
```

▸ ***Components/Buttons***


```
<div class="container">
  <button class="btn btn-small">Pequeno</button>
  <button class="btn btn-large">Grande</button>
</div>
```

Components/Buttons


```html
<div class="container">
  <button class="btn waves-effect waves-light">
    Adicionar
    <i class="material-icons right">add</i>
  </button>
</div>
```

▸ ***Components***

- ▸ Floating Action Button

```html
<div class="container center-align">
  <a class="btn-floating waves-effect waves-light red">
    <i class="material-icons">edit</i>
  </a>
</div>
```

▸

▸ ***Components***

 ▸ Floating Action Button

```
<script type="text/javascript">
 document.addEventListener('DOMContentLoaded', function() {
    var elems = document.querySelectorAll('.fixed-action-btn');
    var instances = M.FloatingActionButton.init(elems, {direction: "left"});
  });
</script>
```

▶ ***Components***

  ▶ Floating Action Button

```
document.addEventListener('DOMContentLoaded', function() {
  var elems = document.querySelectorAll('.fixed-action-btn');
  var instances = M.FloatingActionButton.init(elems, {
    direction: "left",
    hoverEnabled: false});
});
```

▶ ***Components***

    ▶ Floating Action Button

```javascript
document.addEventListener('DOMContentLoaded', function() {
  var elems = document.querySelectorAll('.fixed-action-btn');
  var instances = M.FloatingActionButton.init(elems, {
    toolbarEnabled: true});
});
```

▶

Projeto de Interface Gráfica
Materialize Tutorial

- ### ***Components***
  - ### NavBar


```html
<nav>
  <div class="nav-wrapper teal">
    <a href="#" class="left brand-logo">
      <img src="img/ifam.png" height="50px" style="margin: 5px" >
    </a>
    <ul id="nav-mobile" class="right">
      <li class="active"><a href="home.html">Home</a></li>
      <li>
        <a href="#">
          Campus
          <i class="material-icons right">arrow_drop_down</i>
        </a>
      </li>
      <li><a href="sobre.html">Sobre</a></li>
    </ul>
  </div>
</nav>
```

Projeto de Interface Gráfica
Materialize Tutorial

▶ **Components**

  ▶ NavBar/Dropdown


```
<ul id="campus" class="dropdown-content">
  <li><a href="#!">Manaus Centro</a></li>
  <li><a href="#!">Manaus Distrito</a></li>
  <li><a href="#!">Manaus Zona Leste</a></li>
  <li class="divider"></li>
  <li><a href="#!">Parintins</a></li>
  <li class="divider"></li>
  <li><a href="#!">Coari</a></li>
</ul>
```

▸ ***Components***

   ▸ NavBar/Dropdown


```
$(document).ready(function(){
  $(".dropdown-trigger").dropdown({hover:true});
});
```

▶ ***Components***

▶ NavBar/Dropdown


```
<a href="#" data-target="mobile-demo" class="sidenav-trigger right">
  <i class="material-icons black">menu</i>
</a>
```

‣ ***Components***

‣ NavBar/Dropdown


```html
<ul id="mobile-demo" class="sidenav">
  <li class="active"><a href="#!">Home</a></li>
  <li>
    <a href="#!" class="dropdown-trigger" data-target="campus">
      Campus
      <i class="material-icons right">arrow_drop_down</i>
    </a>
  </li>
  <li><a href="#!">Sobre</a></li>
</ul>
```

▸ ***Components***

  ▸ NavBar/Dropdown


```
$('.sidenav').sidenav();
```

▸ ***Components***

   ▸ NavBar/Dropdown


```
<ul id="campus1" class="dropdown-content">
  <li><a href="#!">Manaus Centro</a></li>
  <li><a href="#!">Manaus Distrito</a></li>
  <li><a href="#!">Manaus Zona Leste</a></li>
  <li class="divider"></li>
  <li><a href="#!">Parintins</a></li>
  <li class="divider"></li>
  <li><a href="#!">Coari</a></li>
</ul>
```

```
<ul id="campus2" class="dropdown-content">
  <li><a href="#!">Manaus Centro</a></li>
  <li><a href="#!">Manaus Distrito</a></li>
  <li><a href="#!">Manaus Zona Leste</a></li>
  <li class="divider"></li>
  <li><a href="#!">Parintins</a></li>
  <li class="divider"></li>
  <li><a href="#!">Coari</a></li>
</ul>
```

▸ ***JavaScript***

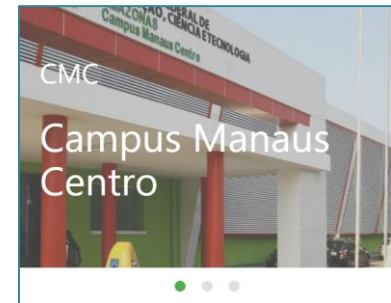   ▸ Media/Slider


```
<div class="slider">
<ul class="slides">
  <li>
    <img src="img/cmc.jpg" style="opacity: 0.6">
    <div class="caption left-align">
      <h3>CMC</h3>
      <h1>Campus Manaus Centro</h1>
    </div>
  </li>
```

▸

JavaScript

Cards

▸ ***JavaScript***

    ▸ Tabs

CURSOS TÉCNICOS	CURSOS SUPERIORES	PÓS-GRADUAÇÃO
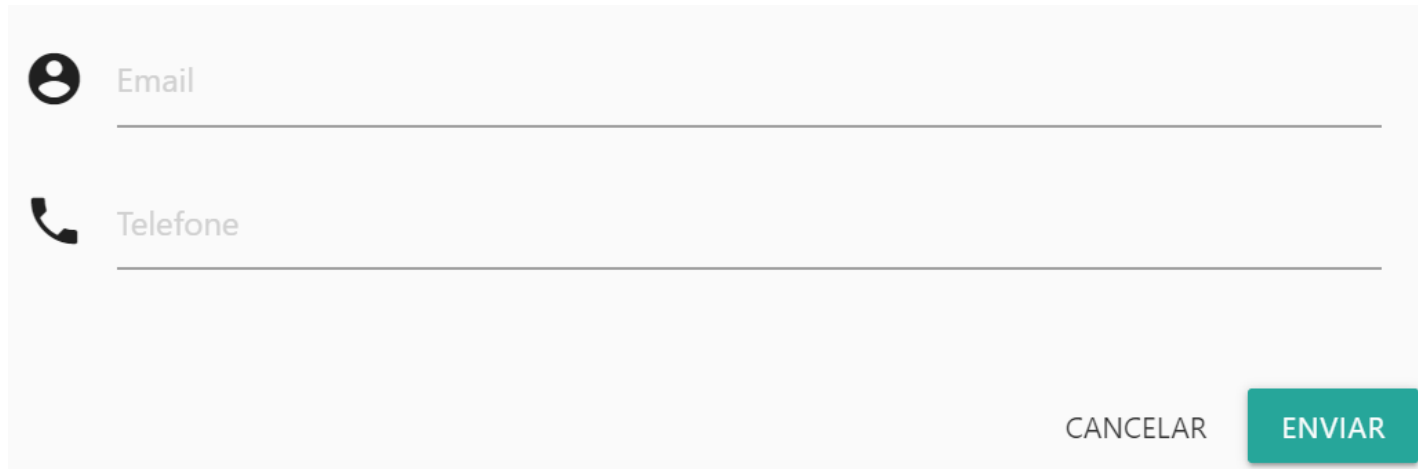
Análise e Desenvolvimento de Sistemas

Publicidade

Química

▶ ***Forms***

JavaScript

- Modal