|  |  |
| --- | --- |
|  | **Approved**  **Dar Ecosystem**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Timur Dautov**  **May 2019** |

**Syllabus**

WEB Developer

Semester: 2 month

**Developed by DAR ecosystem**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Personal Information about the Instructor** | **Time and place of classes** | | **Contact information** | |
| **Lessons** | **Office Hours** | **Tel.:** | **e-mail** |
| Timur Dautov  Leading developer (Web)/3, DAR ecosystem | 16 | 40 | +77088890334 | tmdautov@gmail.com |

**COURSE DURATION:** 8 weeks, 40 class hours

**COURSE PREREQUISITES**: No prerequisites

**COURSE DESCRIPTION**

**Course objectives**

This course is designed to start you on a path toward future studies in web development and design, no matter how little experience or technical knowledge you currently have. The web is a very big place, you probably visit several websites every day, whether for entertainment or education. But have you ever wondered how these websites actually work? How are they built? How do browsers, computers, and mobile devices interact with the web? What skills are necessary to build a website? With almost 1 billion websites now on the internet, the answers to these questions could be your first step toward a better understanding of the internet and developing a new set of internet skills.   
  
By the end of this course you’ll be able to describe the structure and functionality of the world wide web, create dynamic web pages using a combination of HTML, CSS, and JavaScript, apply essential programming language concepts when creating HTML forms, select an appropriate web hosting service, and publish your webpages for the world to see. Finally, you’ll be able to develop a working model for creating your own personal or business websites in the future and be fully prepared to take the next step in a more advanced web development or design course or specialization.

**Course outcomes**: knowledge and skill levels obtained during studying of course must correspond to knowledge and skill of bachelor given in qualification description.

**Knowledge:** during studding of course students must obtain system knowledge about basic concepts of the front end development for enterprise.

**Skills:** as a result of studding of discipline students must be able to use HTML, CSS & JavaScript to create sites/web apps.

**Prerequisites:** No prerequisites

**Post requisites:** knowledge and skill obtained during study of course will be used in enterprise by junior developers.

**COURSE CALENDAR**

|  |  |  |  |
| --- | --- | --- | --- |
| **Topic** | | | **Links** |
| Week 1 | Laboratory works | Компоненты, директивы, пайпы |  |
| SIS 1 | Разработаем телефонную книгу контактов |  |
| Week 2 | Laboratory works | Сервисы и внедрение зависимостей |  |
| SIS 2 |  |  |
| Week 3 | Laboratory works |  |  |
| SIS 3 |  |  |
| Week 4 | Laboratory works |  |  |
| SIS 4 |  |  |
| Week 5 | Laboratory works |  |  |
| SIS 5 |  |  |
| Week 6 | Laboratory works |  |  |
| SIS 6 |  |  |
| Week  7 | Laboratory works |  |  |
| SIS 7 |  |  |
| Week 8 | Laboratory works |  |  |
| SIS 8 |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | **Assessment criteria** | **Weeks** | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  |
| 1 | Laboratory works | \* | \* | \* | \* | \* | \* | \* | \* | 20% |
| 2 | SIS | \* | \* | \* | \* | \* | \* | \* | \* | 40% |
| 3 | Final examination | \* | \* | \* | \* | \* | \* | \* | \* | 40% |
|  | Total |  |  |  |  |  |  |  |  | 100% |

* **Attendance is mandatory.** Students will be penalized for missing more than 10% of classes. 20% of classes missed without good reason will result in course failure.
* **Laboratory works:** Student should progress his work by being familiar with topics. On finish student defends his work by answering teacher’s questions. Late works allowed with 50-80% score loss for unreasonable excuse.
* **Student independent study:** Task will be given to everyone individually 8 times during the course. Student should progress his work by being familiar with new topics and use them on his work. Theme of SIS will cover all previous topics. On finish student defends his work by answering teacher’s questions. Late works allowed with 50-80% score loss for unreasonable excuse. Equal or very similar works will get zero point for first time.
* **Final exam:** Assesses the knowledge gained during the course. Take place at the end of course during examination session. It contains multi-choice questions, essay questions and problems. Duration is 3 academic hours. Plagiarism and cheating is not tolerated, and those works will get “F” (failed) for course. Results will be announced within 48 hours from end of exam.

**ACADEMIC POLICY**

**Students are required:**

* to be respectful to the teacher and other students;
* to switch off mobile phones during classes;
* not to cheat. Plagiarized papers shall not be graded;
* to meet the deadlines;
* to come to classes prepared and actively participate in classroom work;
* to enter the room before the teacher starts the lesson;
* to attend all classes. No make-up tests are allowed unless there is a valid reason for missing them;
* to observe the company's internal rules and ethics;
* to keep the workplace clean and orderly;
* to treat carefully the equipment provided;
* to approach mentors with questions only in the allotted time;

**Students are encouraged to**

* consult the teacher on any issues related to the course;
* make up within a week’s time for the works undone for a valid reason without any grade deductions;
* make any proposals on improvement of the academic process;
* track down their continuous rating throughout the semester.

Instructor\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Team Leader \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_