Designing Moodle for Integrated Curriculum in Medical Education: TimeTable Plugin

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The Ege University, Faculty of Medicine

- 2506 medical students
- 453 faculty members
Education Program
Education Program

- Year 1-3: pre-clinical terms
- Year 4-5: clinical terms
- Year 6: internship
Moodle Core Features

- Course categories for each year and terms
- Curriculum consists of 3068 courses
- 313 cohorts for years and sub-groups
### Nested categories and courses

<table>
<thead>
<tr>
<th>3. Sınıf</th>
</tr>
</thead>
<tbody>
<tr>
<td>E4B1</td>
</tr>
<tr>
<td>E4B2</td>
</tr>
</tbody>
</table>

### Entegre Oturumlar

| Çocukta Ağırlık kaybının metabolik endokrin nedenleri |
| Diabetes mellitus tanı - epidemiyoloji - tipleri |
| Sarılık |
Courses

- Course durations for f2f sessions are 45 minutes in general
- Moodle supports f2f sessions for:
  - Course resources and SCORM packages
  - Communication
  - Assignments
  - Feedback, Choice and Questionnaire
  - Quiz
Courses

- Single topic course format
- Hidden courses
- Cohort sync for the required group
- Guest access for all users
TimeTable Plugin

Course management block

<table>
<thead>
<tr>
<th>Eğitim Dönemi</th>
<th>Sınıf</th>
<th>Blok Adı</th>
<th>Cohort</th>
<th>Bağlangıç</th>
<th>Bitiş</th>
<th>Durum</th>
<th>Yönetim</th>
</tr>
</thead>
</table>
TimeTable Plugin

- Academic year definitions
- Moodle course categories define terms
- Category role has permission to access each term
- Set start and end date for each category
- Each course has default attributes such as duration, repetition
TimeTable Plugin

FullCalendar integration
TimeTable Plugin

- Drag and drop course scheduling
- Date restrictions
- Parallel course scheduling
- Course conflicts
TimeTable Plugin

- Course teacher enrollment - cohort or manual
- Course place allocation
- Extra notes or warning to display on the program
### TimeTable Plugin

- PDF exporting and versioning
- PDF description page
- Copy for new program

<table>
<thead>
<tr>
<th>2. Hafta: (E4B4)</th>
</tr>
</thead>
</table>
| **Monday**  
22 April 2019 |
| 08:00-09:15 | Genital sistem'in premalign-malign leyonları |
| 09:30-10:15 | N. Yıldırım  
23 Nisan Ulusal Egemenlik ve Çocuk Bayramı |
| 10:30-11:15 | Uterusan benign tümörlerini |
| 11:30-12:15 | N. Özdemir |
| | |
| **Tuesday**  
23 April 2019 |
| 08:00-09:15 | 
| 09:30-10:15 | Överin yüzey epitel tümörleri  
N. Özdemir |
| 10:30-11:15 | Genital sistem enfeksiyonları |
| 11:30-12:15 | F. Çilli  
L.M. Hül  
O. Zeklioglu |
| | |
| **Wednesday**  
24 April 2019 |
| 08:00-09:15 | 
| 09:30-10:15 | Genital sistem enfeksiyonları |
| 10:30-11:15 | 
| 11:30-12:15 | Servis hastalıkları, servis karşınımu  
Ekstraatörin gebelik, mol ve |

**Thursday**  
25 April 2019

**Friday**  
26 April 2019
TimeTable Plugin: Background Jobs

- Course start and end date auto set
- Push notifications and email for users to remind course start date
- Moodle calendar and iCal integration
TimeTable Plugin: Users

- My Program
- Course search and filtering on program
- Course notifications
- Dates on course page for different groups
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Thank you for your kind attendance

Questions