



or:zone
ORTRAC



BLUEPRINT MODULE

CREATE & CONTROL LARGE SCALE EDUCATION

Manual & Tutorial 2020

BLUEPRINT MODULE

Manual

- Login/Menus/Roles
- Program layout
- Program outcomes
- Create courses
- Map outcomes
- Dashboard
- Report

Tutorial

- Setup Semesters
- Setup two Program
- Setup two Courses
- Map Course to program
- Add tags
- Show dashboards
- Export reports



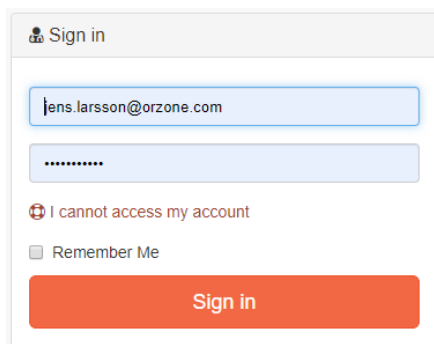
MANUAL

- Login/Menus/Roles
- Program layout
- Program outcomes
- Create courses
- Map outcomes
- Dashboard
- Report



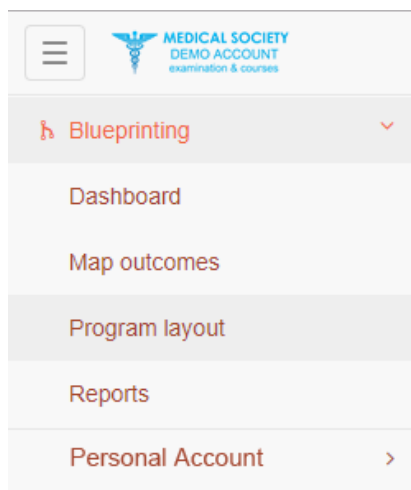
Login

1. Open a browser
2. Go to www.ortrac.com
3. Login with userid/password



Menus

- Dashboard
- Map outcomes
- Program layout
- Reports



Roles

Program Admin

- Setup program outcomes
- Setup Tag groups
- View dashboard
- Export reports



Course Admin

- Setup course outcomes
- View Dashboards
- Map course/program outcomes



Program Layout

Stages/Semesters

1. Go to *Left menu/Blueprinting/Program layout*
2. Stages menu click on **Add Stage**
3. Write the different stages((Core/Elective/Post) for the program
4. Click on a stage and add semesters underneath (Semester Spring 2020, Semester Autumn 2020...)
5. Press **Save** button after each stage

Semesters

Core

Semester Spring 2020

Semester Autumn 2020

Elective

Semester 3

Programs

1. Go to *Left menu/Blueprinting/Program layout*
2. Program section menu click on **Add Program**
3. Write a program name
4. Press **Save** button

Add program

Name

Field is required

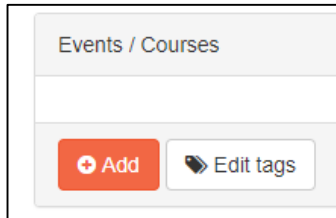
Cancel

Save

Program Outcome

Categories & Events

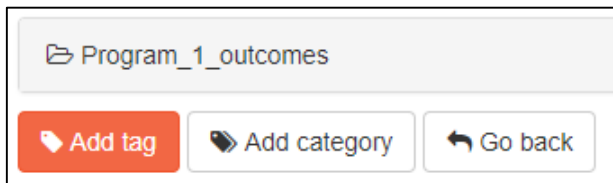
1. Go to *Left menu/Blueprinting/Program layout*
2. Stages menu click on a **Program**
3. Event/Courses, click on the **Edit tags** button



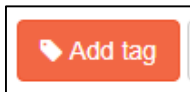
4. Click on **Add category** button (Program categories)



5. Click on **Add tag** button (Program Topics)



6. Click on **Add tag** button (Topic goal).



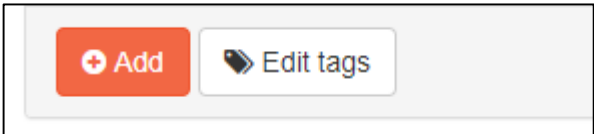
7. Drag and drop to get the structure below:



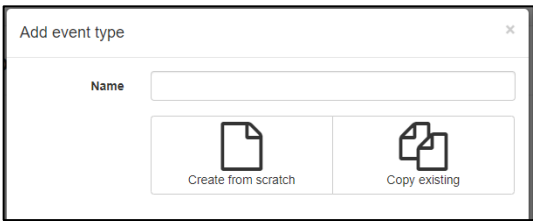
Create a course

Categories & Events

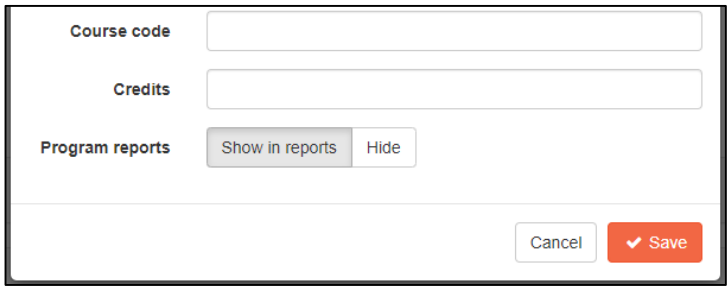
1. Go to *Left menu/Blueprinting/Program layout*
2. Stages menu click on a **Program**
3. Event/Courses, click on the **Add** button



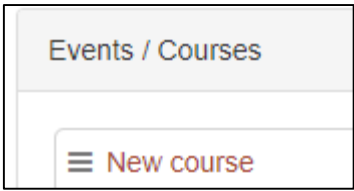
4. Write a name for a course
5. Click **Create from scratch** button



6. A new section appears
 - Course code *NC1*
 - Credits *30*
 - Program reports “*Show in reports*”
7. Click on **Save** button



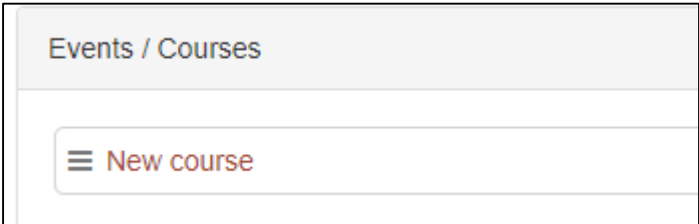
The result:



Edit course details

Categories & Events

- 1. Go to *Left menu/Blueprinting/Program layout* **Events/Courses** menu click on *New course*



- 2. Fill out the *Name* field (name of the course)
- 3. Fill out the *Course code*
- 4. Fill out the numbers of credits in the *Credit* field
- 5. Program reports: select *Show in Reports*
- 6. Press the **Save** button.

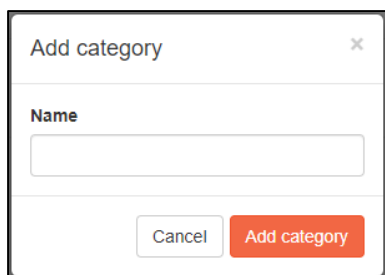
A screenshot of a "Edit event type" modal window. The window has a title bar with "Edit event type" and a close button (X). The form contains four main sections: "Name" with a text input field containing "New course"; "Course code" with a text input field containing "NC1"; "Credits" with a text input field containing "30"; and "Program reports" with two buttons: "Show in reports" (which is highlighted in gray) and "Hide". At the bottom of the modal, there are four buttons: "Cancel", "Edit tags", "Delete" (with a trash icon), and "Save" (with a checkmark icon).

Course Outcome

1. Go to *Left menu/Blueprinting/Program layout* **Events/Courses** menu
2. Click on *New course*



3. Click on **Add category** button
4. Fill out a name for the category (Course outcome)
5. Click on the **Add category** button



6. Click on the new instance (Course Topics)
7. Click the button **Add tag**.
8. Write (Course topics)
9. . Add another tag and name it (Course topic goal 1)

10. Drag and drop to get the structure below:



Edit Course category settings

To prepare the course for mapping, do the following steps:.

1. Go to *Left menu/Blueprinting/Program layout*
Events/Courses menu
2. Click on a *program*
3. Click on a course
4. Click in **Edit tags**
5. In the dropdown menu **Eligible blueprint tags** and select the *Program Outcomes*
6. Click **Save** button.

Edit category settings

Reload page to see changes

Name

Course outcomes

Eligible items

☐ Questions

☐ Content

☐ Assignments

☐ Results

Eligible blueprint tags

Program Outcomes

Select behaviour

Multiple tags

Single tag

Required

Yes

No

List nesting

Hierarchical

Flat

Select target

Any node

Bottom nodes

Cancel

Save

Map Outcomes

Map Course Outcome to Program Outcome

- 1. Go to *Left menu/Blueprinting/Map Outcomes*
- 2. In the **Map:** drop down field: select *New Course name: Course outcome*
- 3. In the **To:** drop down field select *Program outcome*

Map:

New Course name

: Course outcomes

To:

Program Outcomes

Knowledge

0

Skills

0

Attitudes & Behaviors

0

- 4. Click on the Knowledge Outcome under the Map column, (to the left). Thee categories opens up to the left, under the Program Outcomes

Map:

New Course name

: Course outcomes

To:

Program Outcomes

Knowledge

0

Skills

0

Attitudes & Behaviors

0

Knowledge

Skills

Attitudes & Behaviors

- 5. Expand the first *Program Topic 1* by clicking on the **+**. a new level appears, with clickable Program Topic Goals. Click on a checkbox to connect the program Topics goal to the Course Goal. Click on the **Save** button.

Program Topic 1

Program Topic Goal 1

Program Topic Goal 2

Program Topic 2

Program Topic 3

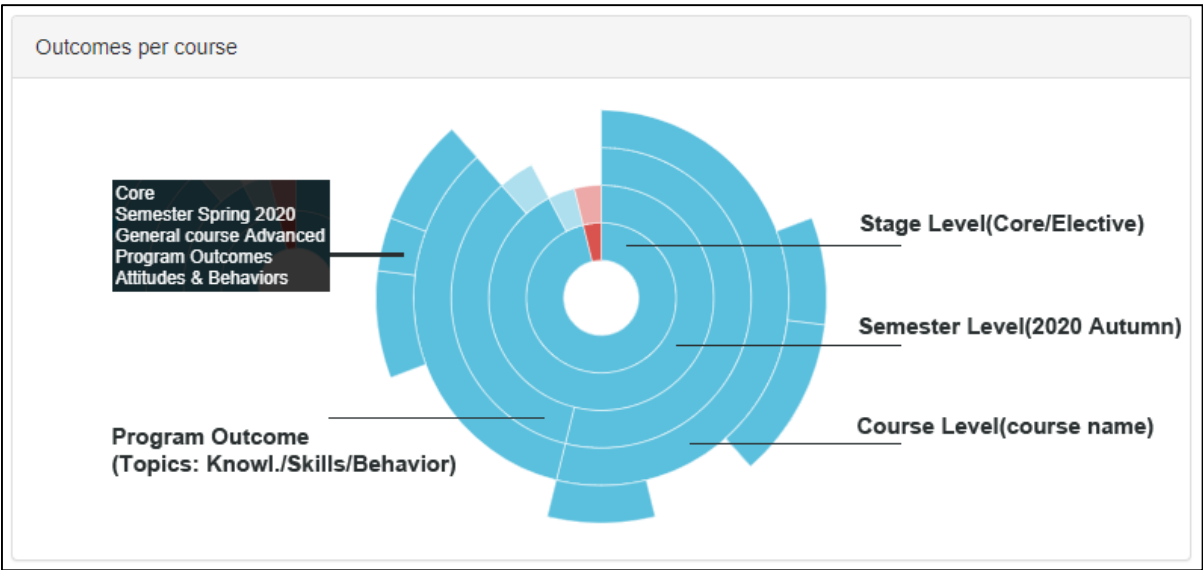
Dashboard

Show the results of the mapping

- 1. Program Overview (a list with course code/course title and credits, for this program

Program overview		
Course code	Course title	Credits
GCB1	General course Basic	10
GCA1	General course Advanced	10
ESMC2020	ESM - C-course	7
		Total 27

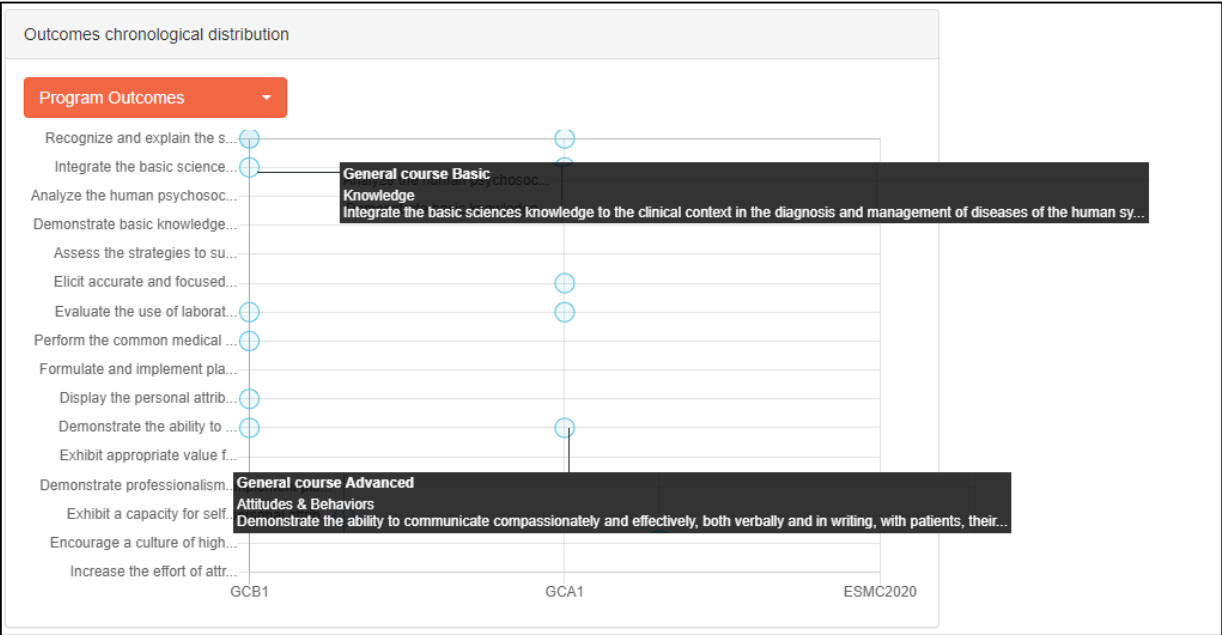
- 2. Outcomes per course (a sunburst diagram showing the mapping graphically



Dashboard

Show the results of the mapping

3. Outcomes chronological distribution (shows the course goals divided into a grid with program goals and how they appear over time, per course)



4. Courses per outcome



Reports

Download result of mapping into Excel files.

1. Program Overview

Program overview

Course code	Course title	Credits
GCB1	General course Basic	10
GCA1	General course Advanced	10
ESMC2020	ESM - C-course	7
		Total 27

Download report

2. Program Outcomes

Select which area you want to control the content divided over courses by using the drop down menu

Program outcomes

Topics

	Alphabet	Numbers	Logic	Medical	Days&Years
General course Basic	6				
General course Advanced					
ESM - C-course					

Download report

Knowledge:

- Lecture: The first letters
- Assignment: ABC
- Assignment: Vocals

Skills:

- Assignment: Teach about spelling
- Lecture: fonetic spelling
- Assignment: Consonants

OK

Reports

Download result of mapping into Excel files.

3. Course outcomes

View the details per course over program outcomes

Course outcomes

General course Basic

Program Outcomes

Course outcome	Mapped program outcomes
Knowledge	
Lecture: molecular basis of normal health and disease conditions affecting the human body.	<ul style="list-style-type: none">Knowledge \ Recognize and explain the scientific, including molecular basis of n affecting the human body.
Skills	<ul style="list-style-type: none">Skills \ Evaluate the use of laboratory tests and imaging studies and interpret the making.Skills \ Perform the common medical and surgical techniques in clinical settings i
Attitudes & Behaviors	<ul style="list-style-type: none">Attitudes & Behaviors \ Display the personal attributes of compassion, honesty, p with patients, families, communities and the medical profession.Attitudes & Behaviors \ Demonstrate the ability to communicate compassionately writing, with patients, their families, colleagues and others with whom physicians their responsibilities.

Download report

TUTORIAL

- Setup Semesters
- Setup two Program
- Setup two Courses
- Map Course to program
- Add tags
- Show dashboards
- Export reports



Objective

On the next page you will find a structure over a faked structure of an education **EDUCATION INSTITUTE**. Setup and link Program to Courses

- Setup a PROGRAM: **TEACHER [TEA] 40 credits**
- Setup Program Outcomes

- Setup Stages (Core, Elective)
- Setup Semesters (Spring, Autumn)

- Setup a COURSE: **ALPAHBET [TA1] 20 credits**
- Setup Course Outcomes
- Setup a COURSE: **NUMBERS [TN1] 20 credits**
- Setup Course Outcomes

- Map Program outcome → Course NUMBERS Outcomes
- Map Program outcome → Course ALPAHBET Outcomes

- View results via Dashboards
- Export results

Extra tutorial

- Setup a PROGRAM: **NURSE [NUR] 40 credits**
- Setup a COURSE: **ANATOMY [NA1] 15 credits**
- Setup a COURSE: **COURSE: DRUGS [ND1] 5 credits**
- Setup a COURSE: **COURSE: CALENDAR [NC1] 20 credits**

EDUCATION INSTITUTE

PROGRAM: TEACHER [TEA] 40 credits

Program goals:

Knowledge:

- Learn the alphabet and teach others
- Learn time & date

Skills:

- Spell correct sentences
- Manage to do addition, subtraction

Behavior:

- Locate and help students with dyslexia
- Locate and help students with addition

PROGRAM: NURSE [NUR] 40 credits

Program goals:

Knowledge:

- Learn the human anatomy
- Learn drugs used in operation suite
- Learn time & dates

Skills:

- Point out all human organs
- Prepare for anesthesia In operation room
- Know different time & date formats

Behavior:

- Diagnose a patient
- Plan your time
- Behave in OP according to WHO checklist

COURSE: ALPAHBET [TA1] 20 credits

Course goals:

Knowledge:

- Learn all letter in alphabet

Skills:

- Combine letters to words

Behavior:

- Point out difference between consonant & vocal

COURSE: ANATOMY [NA1] 15 credits

Course goals:

Knowledge:

- Learn anatomies in abdomen

Skills:

- Recognize all facias

Behavior:

- Detect an unnormal variation of the spleen

COURSE: DRUGS [ND1] 5 credits

Course goals:

Knowledge:

- Learn all anesthesia drugs

Skills:

- Correct anesthesia drug to a normal patient

COURSE: NUMBERS [TN1] 20 credits

Course goals:

Knowledge:

- Learn all numbers 0-9

Skills:

- Place the in increasing order

Behavior:

- Recognize the primes among 0-9

COURSE: CALENDAR [NC1] 20 credits

Course goals:

Knowledge:

- Deifinition time & date

Skills:

- Write a correct time & date

Behavior:

- Create an appointment

STAGE(1) CORE
SEMESTER(1) : SPRING 2020

STAGE (2) ELECTIVE
SEMESTER(2): AUTUMN 2020

Program Layout

Stages/Semesters

1. Setup Stages
2. Setup Semesters

Create Program/Courses

1. Setup Program
2. Setup Courses (two)

Semesters

Core

≡ Spring 2020

Elective

≡ Autumn 2020

+ Add

Events / Courses

Spring 2020

≡ ALPAHBET

Autumn 2020

≡ NUMBERS

+ Add

Edit tags

Courses

Edit Courses details

1. Name
2. Course code
3. Creditis
4. Link to Semester

Add event type

Name

ALPAHBET

URL ID

Alphabet

Create from scratch

Copy existing

Course code

TA1

Credits

20

Semester

Spring 2020

Program reports

Show in reports

Hide

Cancel

Save

Program Outcome

1. Create 3 topic levels (Knowledge/Skills/Behavior)
2. Create goals for every topic

Program Outcomes

Knowledge

Learn the alphabet and teach others

Learn time & date

Skills

Spell correct sentences

Behavior

Manage to do addition, subtraction

Locate and help students with dyslexia

Locate and help students with addition

Add tag

Settings

Delete

Course Outcome (ALPHABET)

1. Create 3 topic levels (Knowledge/Skills/Behavior)
2. Create goals for every topic

Course outcomes

Knowledge

Learn all letter in alphabet

Skills

Combine letters to words

Behavior

Point out difference between consonant & vocal

Add tag

Settings

Delete

Course Outcome (NUMBERS)

1. Create 3 topic levels (Knowledge/Skills/Behavior)
2. Create goals for every topic

Course outcomes

Knowledge

Learn all numbers 0-9

Skills

Place the in increasing order

Behavior

Recognize the primes among 0-9

Add tag

Settings

Delete

Link Course to Program mapping

- Course ALPHABET, under Course category setting, drop down menu: **Eligible blueprint tags**, select *Program Outcomes*.
- Course Numbers, under Course category setting, drop down menu: **Eligible blueprint tags**, select *Program Outcomes*.

Edit category settings

Reload page to see changes

Name

Course outcomes

Eligible items

Questions

Content

Assignments

Results

Eligible blueprint tags

Program Outcomes

Course outcomes

Program Outcomes

Select behaviour

Yes

No

List nesting

Hierarchical

Flat

Select target

Any node

Bottom nodes

Cancel

Save

Map Outcomes

Map Course Outcome to Program Outcome

- In the **Map:** drop down field: select *ALPHABET name: Course outcome*
- In the **To:** drop down field select *Program outcome*

Map:

New Course name

: Course outcomes

To:

Program Outcomes

Knowledge

Skills

Attitudes & Behaviors

- Map Knowledge, Skills & Behaviour goals

Map:

New Course name

: Course outcomes

To:

Program Outcomes

Knowledge

Skills

Attitudes & Behaviors

Knowledge

Skills

Attitudes & Behaviors

- Repeat for course NUMBERS

Results

- Check out your work at the Dashboard menu
- Export your results under Reports menu