TACC
Training for Automotive Companies Creation
START AND RUN YOUR BUSINESS
GOALS
GOALS

» train and develop students’ entrepreneurship skills

» promote new business ideas in the automotive field for a smart and green mobility

» enhance the Motorvalley ecosystem
30 hours of education and specialized services for start up incubation

60 hours of prototyping activities, business ideas development with tutors and mentors support

30 hours of company visits and international mobility
TACC IS FOR:

» Master's degrees students

» 5-years combined Bachelor's/Master's degrees students

» PhD students
**ROADMAP**

- **TACC1 - KoM**
  - Oct (8-10 ideas)
- **TACC2 - KoM**
  - Oct (4-5 projects)
- **Call**
  - July (t)
- **TACC1 DemoDay**
  - Feb
- **TACC2 DemoDay**
  - June
- **Call**
  - July (t+1)
SELECTION STEP 1: CURRICULA EVALUATION
BUSINESS OPPORTUNITY ANALYSIS TEST

STEP 2

GROUPS WORK TEST

TACC Training for Automotive Companies Creation
INDUSTRIAL PARTNER: AVL
TACC 1
From March to June
CREATION AND DEVELOPMENT OF THE BUSINESS IDEAS
TACC1: CONTENTS & ACTIVITIES

» Automotive 2050: prospects, challenges and technologies for the future mobility
» From scenarios to problems - Design Thinking Lab (AlmaCube)
» What is a Start-up?
» Business Model Creation
» Leadership & Team Empowerment
» Business Planning
» The Lean Start-up Approach
» Market & Marketing Strategies
» HR & Organization
» Finance the new ventures
» The art of pitching

» Project Work Activities (with mentors and external partners)
» National Mobility: company visits.
» International Mobility: Graz Experience & AVL visit.
» Final Presentation & EXPO business ideas
TACC 2
From October to January
ACCELERATION AND VALIDATION OF THE BUSINESS IDEAS
TACC2: CONTENTS & ACTIVITIES

» Business Model pivoting and scale-up (Creator Expedition)
» Legal and Intellectual Property
» Agile development & Project Management
» Sales, business development and cooperation
» Funding & Investment
» Presenting and Negotiation

» Project Work Activities focused on prototyping (with mentors and external partners)

» National mobility: B2B sales with corporates (CDI - Labs Torino)
» Company visits: Magneti Marelli / Lamborghini
» Events: Motorvalley Fest, R2B
» Final Presentation & EXPO
COURSE OF STUDY - I EDITION

- AAE - Advanced Automotive Engineering
- GM&C - General Management and Consulting
- E&LBPA - Economics and law in business and public administration
- EL. ENG. - Electronics Engineering
- MAT. ENG. - Materials Engineering
- VEH. ENG. - Vehicle Engineering
- MEC. ENG. - Mechanical Engineering
- MECH. ENG - Mechatronics Engineering
- INTERN. MAN. - International Management
- LCIEO - Languages for communications in International enterprises and organizations
- ADCCBP - Advertising, digital communication and creative business processes
Novac is a B2B start-up company that creates all-solid-state structural supercapacitors, shapeable on custom surfaces, thus enhancing the safety and performance of vehicles through a fast and intense power supply.

Just Sit provides vehicle users with the best on-board experience by enhancing customization and comfort with automatic adjustments and smart interactions. We deliver our product with different solutions for OEMs, car-rental/sharing fleets and their final users.

KeyGo born to bring a solution to the nowadays major problem: how to move. With a sophisticated software and hi-tech device this project is able to make your car a source of income and an innovative support for the small & medium-large business reality.

The idea is to introduce a system which revolutionizes the Head-Up display concept on vehicles, thanks to the latest technologies in the fields of Augmented Reality and Transparent OLED screens.
RESULTS | ED. | NOVAC

- Semifinals Detroit, 2019-2020-2021
- Rome, Myllenium Award 2021 Mystartup
- Runner up 6,000 €
- Modena, 2019,2020
- Final, 2020 2021
- Top Four Industrial in Italy, Catania 2019
- 1 year coworking space Laboratorio Aperto di Modena
- Research Grant
- Patent

Unimore Junior spin-off
COURSE OF STUDY - II EDITION

- AAE - Advanced Automotive Engineering
- AAEE - Advanced Automotive Electronic Engineering
- COMP. ENG. - Computer Engineering
- COMP. SC. - Computer Science
- EL. ENG. - Electronics Engineering
- GM&C - General Management & Consulting
- INTERN. MAN. - International Management
- LAW - Law
- MAN&COM – Management & Communication
- MAN. ENG. - Management Engineering
- MAT. ENG. - Materials Engineering
- MEC. ENG. - Mechanical Engineering
- VEH. ENG - Vehicle Engineering

VEH. ENG 22.2%
AAE 25.0%
AAEE 2.8%
MECH. ENG 5.6%
MAT. ENG 5.6%
LAW 8.3%
COMP. SC. 5.6%
GM&C 5.6%
INTERN. MAN. 19.4%

TACC Training for Automotive Companies Creation
**CarCatcher** is an advanced technology for the safety of your car composed of cameras and accelerometers. It is a smart device able to provide - in case of an accident - a recording of the event that can be used as legal evidence in case of insurance procedure.

**Remodule** guarantees the reusability of cells coming from dismissed automotive battery packs within a stationary application. Our mission is to provide good quality and cost-effective cells to stationary battery producers.

**ReFuel** delivers renewable fuel solutions aimed to convert traditional diesel engines to use biodiesel with the unique opportunity to be environmentally friendly. The aim of the team is to solve this problem by providing BiodieselKit. The kit provides a technological improvement to every diesel vehicle in order to drastically reduce pollution.

**SafeEye** is an innovative and smart solution that lets people see beyond the blind spots of their cars, making them safer and avoiding cars and pedestrians accidents.
RESULTS II ED.

MODUNER

START CUP

Modena, May '20

Phase 1 '20

PREMIO MOBILITÀ 2020

GALVANI

POWER

ReFuel

Modena, May '20

PREMIO MOBILITÀ 2020

Unimore Junior spin-off

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Lockmatic provides an innovative e-scooter parking solution ensuring safety and recharge in a quick and easy way simplifying people's city and work-life and improving the mobility of tomorrow.

Proudent is a solution which, using a mobile app, aims to stimulate people to utilize smartphones consciously while driving to reduce the number of road accidents. Through an engaging gamification system, Proudent strives to compensate for the safe use of the smartphone instead of punishing bad habits.

Primo Elemento is a business idea centered on the design of a plug-and-play solution to extend the range of battery electric vehicles. The Primo Elemento range extender is based on hydrogen fuel cell technology and is oriented towards the commercial vehicles market.

WeCare is the key enabler of future safe mobility. Our solution aims at providing a sustainable, ride-by-ride sanitation for shared vehicles in a fast, automated and eco-friendly way.
RESULTS III ED.

Primo Elemento
Extend your range, extend the future

LOCKMATIC
Unimore Junior spin-off

2021,
October
5th

TACC Training for Automotive Companies Creation
TACC IV EDITION
2HOPE provides an innovative, efficient, reliable and sustainable engine in a long term lifecycle. The hydrogen engine with opposed pistons meets the needs of our customers with tailored designs based on their requirements.

CARin is a web-app that aims to provide a sustainable and convenient transportation option for school by facilitating shared mobility among parents and students.

MUV is a dedicated service for the elderly. It helps those who cannot cope with its daily routines alone. Our mission lies in giving you independence without burdening your loved ones.

BeyonTouch aims at developing an innovative sensor capable of detecting alcohol levels in an individual through a simple touch.

Brake Cure focuses on developing a new braking system that, thanks to active vibration control, is able to completely and permanently eliminate the brake squeal, a high-pitched noise generated by the braking system.
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