SDP22
Lecture 5
4 October 2021
Guest Alumnus & Purchasing
Homework & PDR Feedback
Ivan Bercovich
Partner @ ScOp Venture Capital
ScOp Venture Capital
Santa Barbara, California, United States
Wouter Schievink
SDP Technician

- Founder and Administrator
  Rust Temple Makerspace
- Adjunct Professor
  Hampshire College,
- Lead Electronics Repair Technician
  Mill River Music
- Software Engineer
  Fiksu/MeedMobile
UMass Tech Challenge

Sundar Krishnamurty, MIE Department Head
Ronnie & Eugene Isenberg Distinguished Professor in Engineering
THE TECH CHALLENGE

NEW THIS YEAR
An invention and technology-based competition open to all UMass students. With the chance to win up to $15,000.

COMPETITION DATE
Nov 3rd, 2021

APPLICATIONS
Oct 1st - 20th, 2021 at 11:59 PM EST

APPLY HERE
Engineering Design – Invention to Innovation

As proposed by the project sponsor

As specified in the project request

As designed by the senior designer

As produced by manufacturing

As installed at the user’s site

What the user wanted
New this year: the Tech Challenge is an invention and technology-based competition open to all UMass students and graduates of the last decade (GOLD alums).

◆ Ideators will present their technology/invention-based idea or prototype to a panel of esteemed judges for feedback and compete for a prize pool of $15,000.

◆ No business model canvas or executive summary required. Are you up to the challenge?

◆ **Competition Date:** All Day; Online | November 3, 2021

◆ **Application Deadline:** October 20, 2021 at 11:59 PM EST


**Questions?** Email [cforcade@umass.edu](mailto:cforcade@umass.edu)
Innovation & Entrepreneurship Academy (Fall)

- The Minute Pitch: 60-second pitches made in front of audiences, $2,500 distributed to the winning teams (Oct. 6)
- The Executive Pitch: Boardroom pitch sessions that include Q+A with judges, $15,000 awarded by the judges (Nov. 1)
- **The Tech Challenge:** Technology Invention-based competition, evaluated by judges, $15,000 awarded by the judges (Nov. 3)
- The Social Entrepreneurship Challenge: A social impact competition evaluated by judges (Nov. 5)
- *The Business Plan Competition: Our no-pitch event; online submissions evaluated by judges (starting Fall 2022).*
Innovation Challenge: The Competition *(Spring)*

- An elevated competition with participants from the Innovation and Entrepreneurship Academy and other UMass start-ups that apply to compete in a preliminary round for a coveted spot in the final round of the Innovation Challenge. Winners are awarded larger amounts of equity-free funding.

- $65,000 of equity-free funding awarded.
THE TECH CHALLENGE

NEW THIS YEAR
An invention and technology-based competition open to all UMass students. With the chance to win up to $15,000.

COMPETITION DATE
Nov 3rd, 2021

APPLICATIONS
Oct 1st - 20th, 2021
at 11:59 PM EST

APPLY HERE
UMass Amherst Electrical and Computer Engineering Alumni & Friends

Listed group
MDR
29 Nov – 3 Dec
56 days

- A convincing demonstration of the critical aspects of the integrated system
- MDR Deliverables achieved
Check-In 3

18 Oct - 22 Oct
Agenda

- Purchasing Homework
- PDR feedback from course coordinators
Purchasing

Team xy  Wouter Schievink

teamxy slack channel
Purchasing Homework

● Make first purchase: Due, Friday, 8 Oct 2021
● Review the list of approved vendors (next slide)
● Create your cart on the approved vendor website
● Use shared cart feature
● Share the cart with @Wouter Schievink in team slack channel
● Wouter Schievink will share confirmation/tracking numbers and let you know when items are ready for pickup in Marcus 201
Approved Vendors

**Electronics**
- Adafruit [https://www.adafruit.com/](https://www.adafruit.com/)
- Allied Electronics [https://www.alliedelec.com/](https://www.alliedelec.com/)
- Digi-Key [https://www.digikey.com/](https://www.digikey.com/)
- DFRobot [https://www.dfrobot.com/](https://www.dfrobot.com/)
- HobbyKing [https://www.hobbyking.com/](https://www.hobbyking.com/)
- Jameco Electronics [https://www.jameco.com/](https://www.jameco.com/)
- Marlin P. Jones & Assoc. Inc. (MPJA) [https://www.mpia.com/](https://www.mpia.com/)
- Mouser [https://www.mouser.com](https://www.mouser.com)
- Newark Electronics [https://www.newark.com/](https://www.newark.com/)
- Pololu Robotics & Electronics [https://www.pololu.com/](https://www.pololu.com/)
- RobotShop [https://www.robotshop.com/](https://www.robotshop.com/)
- ServoCity [https://www.servocity.com/](https://www.servocity.com/)
- Sparkfun [https://www.sparkfun.com/](https://www.sparkfun.com/)
- Technological Arts [https://www.technologicalarts.ca/shop/](https://www.technologicalarts.ca/shop/)

---

**Video Gear/Cameras/SD Cards/Cables/Accessories**
- B&H Photo [https://www.bhphotovideo.com/](https://www.bhphotovideo.com/)
- Monoprice [https://www.monoprice.com/](https://www.monoprice.com/)

**Mechanical**
- Grainger Industrial Supply [https://www.grainger.com/](https://www.grainger.com/)
- McMaster Carr [https://www.mcmaster.com/](https://www.mcmaster.com/)

**General**
- Amazon [https://www.amazon.com/](https://www.amazon.com/)
- Cowls Building Supply [https://cowlsbuildingsupply.com/](https://cowlsbuildingsupply.com/)
PDR Feedback

Course Coordinators review PDR slides/evaluations

Provide feedback 12 Oct 2021

Part of Check-In 3 discussion