Social Competences Development in Multi-Disciplinary and Experiential Learning Program

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The program

- Experiential learning
- Social competences development
- Interdisciplinarity
- Commitment
- Projects
- International competitions & Challenges
- Alliances & sponsors
Composition

- Engineering School: 2%
- Sciences School: 6%
- Law School: 13%
- Humanities School: 16%
- Business School: 63%
The Projects

- **Inclusive Ecological Mobility**
  Life quality improvement for recyclers

- **Human Powered Vehicle**
  HPVC ASME

- **Solar Electric Vehicle**
  iLumen European Solar Challenge
The structure

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<th>Kratos Partners</th>
<th>Kratos Committee</th>
<th>Program Leadership</th>
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<td>IEM</td>
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<td>Technical Direction</td>
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<td>Finance &amp; Operations Direction</td>
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<td>Learning Process Direction</td>
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Measuring Learning

Competences
Learning Process Direction

Measurement
- Surveys
- Study design
- Analysis
- Intellectual production

Talent development
- Development & training
- Motivation, performance & behavior monitoring

Knowledge management
- Registration of learning
- Competences reports
- Information management
- Generational change

Well-being
- Recruitment & selection
- Performance evaluation
- Authorizations
- Academic processes
- Team climate
- Well-being in competences
- Conflict management
Design

2022 Skills Outlook

Growing
1. Analytical thinking and innovation
2. Active learning and learning strategies
3. Creativity, originality and initiative
4. Technology design and programming
5. Critical thinking and analysis
6. Complex problem-solving
7. Leadership and social influence
8. Emotional intelligence
9. Reasoning, problem-solving and ideation
10. Systems analysis and evaluation

Declining
1. Manual dexterity, endurance and precision
2. Memory, verbal, auditory and spatial abilities
3. Management of financial, material resources
4. Technology installation and maintenance
5. Reading, writing, math and active listening
6. Management of personnel
7. Quality control and safety awareness
8. Coordination and time management
9. Visual, auditory and speech abilities
10. Technology use, monitoring and control

Quantitative
Longitudinal: Competences
Cross-sectional: Recruitment activity

Qualitative
- Focus groups
- Field work
- Log books

Measures

- Creativity: Zhou & George (2001)
- Job Tension: House & Rizzo (1972)
- Resilience: Block & Kremen (1996)