

# Teaching SAP using ERPsim: Past, present and future at Sherbrooke University

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*A quick word  
about our  
University and  
our Faculty*



**U. de Sherbrooke** (36,000 students)  
École de Gestion (4,800 students)

UA member since 2007  
Using ERPsim since 2011

*How we  
started  
teaching with  
ERPsim and  
why...*

# THE PAST

- ERP course in IS major (before ERPsim) = « click-and-go » approach;
- Change for ERPsim (2011) → Learn ERP through gamification;
- No specific course requirements other than intro to IS;
- Increase in the number of students + waiting list.

*How we currently use ERPsim (curriculum and extra curriculum)*

# THE PRESENT

- Manufacturing intro + extended;
- 11 weeks in total (3-hours each week);
- Cash-to-cash and configuration exercises = very important;
- Participation in the ERPsim Regional and International competitions → huge impact;
- ERPsim user Group Meeting (June 2023) → New simulations





# THE (NEAR) FUTURE

## BBA PROGRAM

*Core courses*

Intro to IS  
300 students  
3 classes



OML  
300 students  
2-3 classes



Year 1

Year 2

Year 3

*IS major courses*

ERP  
55 students  
10-11 classes



Enterprise systems  
*New*



## MBA PROGRAM

Digital business  
25 students  
2 classes



*A few actions that greatly helped getting confident with ERPsim in the beginning*

## TIPS (NEW USERS)

- Attend the ERPsim User Group Meeting or get certified online (EduZone);
- Prepare in advance when you start teaching with ERPsim;
- Advanced features of ERPsim = only when you feel ready;
- Hire teaching assistants (ideally from the previous year);
- Find a balance between group vs individual grades.



### Financial Statements - R12

Team	Credit ratings	Interest Rate (%)	Rank	Company valuation	Cumulative Net Income	Total sales	Gross Margin (%)	Net Margin (%)	ROE (%)	ROA (%)	D/E (%)	Mktg/S (%)	Round Net Income	Round Productivity	Round Sales per Team
C	AAA+	6.000	1	146,625,632.10	14,662,563.21	32,453,569.25	74.091	45.180	42.301	34.417	22.905	0.001	1,447,034.04	90.625	3,155,117.15
I	AAA+	6.000	2	146,530,776.60	14,653,077.66	31,165,377.38	74.289	47.017	42.285	42.285	0.000	0.019	1,159,400.28	71.396	2,577,010.75
E	AAA+	6.000	3	129,645,567.60	12,964,556.76	28,258,249.20	72.669	45.879	39.329	38.939	1.001	0.028	527,887.55	56.669	1,608,312.85
I	AAA+	6.000	4	128,172,382.10	12,817,238.21	29,639,047.67	73.578	43.244	39.056	39.056	0.000	0.096	469,841.72	88.541	2,896,907.70
A	AAA+	6.000	5	106,820,856.60	10,682,085.66	28,273,068.79	70.312	37.782	34.815	31.120	11.876	0.337	586,675.55	99.999	2,644,226.65
H	AAA+	6.000	6	105,612,764.10	10,561,276.41	26,277,297.47	71.009	40.192	34.558	34.042	1.516	0.138	1,225,626.56	84.039	2,683,125.40
D	AAA+	6.000	7	98,806,081.20	9,880,608.12	25,026,509.33	71.028	39.481	33.067	31.438	5.180	0.076	740,589.83	90.607	2,118,901.70
G	AAA+	6.000	8	89,702,375.60	8,970,237.56	22,841,990.21	72.155	39.271	30.964	30.867	0.313	0.045	554,626.07	71.916	1,582,749.30
F	AAA+	6.000	9	75,143,762.70	7,514,376.27	21,764,528.10	68.409	34.526	27.311	27.291	0.073	0.143	657,556.56	88.332	1,927,643.23
B	AAA+	6.000	10	58,969,994.30	5,896,999.43	20,158,468.18	68.780	29.253	22.771	20.977	8.550	0.002	432,886.27	92.500	1,738,607.05

Teams within the same cluster receive very similar grades

*Reaching the  
next level*

# TIPS (ADVANCED USERS)

- Get certified (level 2 and level 3) and be a « champion »;
- Explore new simulations and be proactive;
- Build a plan using a « best of breed approach »;
- Compete at the Regional ERPsim competition;
- Showcase your ERPsim experience.



# QUESTIONS & COMMENTS

*Thank you!*

*I hope you  
found this  
presentation  
helpful.*



*Contact me if you want to discuss more...*

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