

PROPOSED
(pending university approval Fall Semester, 2011)
BAS Technology Management
Degree Requirements

I. Technical Core – 24 credits

(technical credits transferred from AS, AAS, Diploma, certificate, up to 26 credits maximum)

II. Professional Core – 30 credits (Except for IT 3100, identical to Professional Core, BS IT)

3100 Principles & Practices of Professional Development (2)

3267 Engineering Economic & Cost Analysis (4) (new to Professional Core)

3880 Technical Sales, Service & Training (4) (combination of Tech Sales/Pres., HRD)

4537 Industrial Design/Innovation (4) (expanded Industrial Design course)

4877 Facilities Management (4) (combination of Maint. & Safety, Material Handling)

4878 Quality Assurance (4) (as is)

4380 Sustainable & Emerging Technologies (4) (new course)

4897 Project Management (4) (combination of Ind. Org & Leadership and Project Mgmt.)

III. Professional Electives – 10 credits

(10 credits of upper division courses from Technological Studies, Business Administration Departments)

IT 3260 Project Bidding and Est.	4
IT 3700 Production Planning & Control	4
IT 3877 Engineering Problem Solving	4
IT 3878 Ind./Eng. Production Studies	4
IT 4777 Advanced Topics in Quality	4
IT 4879 Service Process Des. & Improv.	4
IT 4970 Internship	1-2
BAUD 3281 Adv. Spreadsheets Des.	3
BAUD 3361 Marketing	3
BAUD 3381 Mgmt. Infor. Sys.	3
BAUD 4469 Small Bus. Case Anal.	3

Degree Summary

Liberal Education	42 credits
Technical Core	24 credits
Professional Core	30 credits
Professional Electives	10 credits
<u>Free Electives</u>	<u>14 credits</u>
Total Degree Requirements	120 credits

Proposed Master Annual Course Schedule*

**BS Industrial Technology
BAS Applied Engineering
BAS Technology Management**

	Fall Semester	Spring Semester
Technical Core (courses offered once per year, double section)	1210 Mat. & Processes Forming (3) 1220 Mat. & Processes Separating (3) 1460 Technical Graphics (3) 2250 Construction Technology (3) 2370 Automation (3)	1310 Power Technology (3) 1350 Electronics Technology (3) 1460 Technical Graphics (3)
Professional Core (courses offered once per year)	3100 Principles & Practices Prof. Dev. (2) 3267 Engineering Cost Analysis (4) 4537 Industrial Design/Innovation (4) 4xxx Sustainable/Emerging Technologies (4) 4878 Quality Assurance (4) 4879 Service Process Design (4)	3700 Prod. Planning & Control (4) 3880 HRD/Training (4) 4820 Engineering Case Study (3) 4877 Facilities Management (4) 4897 Project Management (4)

*subject to change