

Step 1: One-Sentence Essence

Produces self-reliant, innovative graduates having a solid theoretical foundation, a professional work ethic, and years of applied work experience, who quickly contribute value to their employers.

Step 2: Program Stakeholders

CS Faculty

Dependent Kettering Programs (ECE, Math, Physics)

Students

Co-op Employers

Alumni (Donors)

Kettering Administration

Step 3: Specifying Program Scope

It Is:	It Is Not:
Undergraduate Education	A Training Program
A Mathematical Science	IT (Information Technology/Systems)
Foundation for a Lifelong Career	Engineering or Natural Science
Experiential Learning	Just Programming
Classroom-Based Interactive Instruction	An Easy Way To Make A Billion Bucks
Rigorous	

Step 4: Top Five Current/Future Goals

Current Goals (This Year)	Future Goals (3-5 Years)
ABET-CAC Accreditation	Bioinformatics Degree Program
CS Department	Fully-Funded CS Department
Improved Recruitment/Admissions	Graduate/Certificate Programs
Improved Retention	CS Student Life Enhancements ?
Curriculum Review & Assessment	

Step 5: Top Five Products/Assets

1. Current Students/Graduates
2. Faculty
3. Co-op Experience (and Thesis)
4. Curriculum
5. Accreditation

Step 6: Key Processes

ABET-CAC Accreditation Visit

- Self-Study Preparation (June '07)
- Initial Evaluator Contact (July '07)
- Acquire Funding for Site Visit (Summer '07)
- Finalize On-Site Materials (Summer '07)
- ABET-CAC Evaluator Visit (Fall '07)
- Response to ABET-CAC Initial Report (Winter '08)
- Receipt of Final ABET-CAC Accreditation Decision (Spring '08)

Bioinformatics Degree Program

- Development of Curriculum by Subcommittee
- Buy-In from Administration
- Approval of Curriculum (Governance)
- Approval of Curriculum (Administrative)
- Development of Marketing Strategies (concurrent)

Graduate/Certificate Degree Programs

- Creation of Subcommittee
- Market Analysis
- Initial Sketch of Resource Needs, Target Audience
- Initial Buy-In from Administration
- Initial Development of Curriculum by Subcommittee
- Approval of Curriculum (Governance)
- Approval of Curriculum (Administrative)
- Development of Marketing Strategies (concurrent)

CS Department

- Acquire Departmental Authority (July '07)
- Acquire Departmental Budget (???)
- Develop Faculty (Self-)Assessment Process (start July '07)
- Develop P&T Standards/Implement P&T Process (start July '07)
- React to Stuff Nobody Thought About (Ongoing)
- Figure Out How To Do It Better Next Year (Ongoing)

Fully-Funded CS Department

- Develop Alternative Funding Sources (e.g. Continuing Education, grants, contracts) (Ongoing)
- Develop list of funding needs (January '08)
- Participate in new Activity-Based Budgeting Process (Winter '08)

Improved Recruitment/Admissions

- Fully participate in Existing Recruiting Efforts (*Perfect Fit*, Discover/Prep, etc.) (start July '07)
- Develop list of target individuals/institutions for directed recruiting (July '07)
- Evaluate possible new marketing materials (ongoing)

Improved Retention

Curriculum Review

CS Student Life