DEPARTMENT: Computer Information Technology
PROGRAM: Transfer Courses

<u>Priority: 8</u>

INITIATIVE TITLE: Develop a learning community for the CS161, 162, 260 and the MATH 231, 232, 233 sequence students.

DESCRIPTION:
Computer Science Transfer students take both sequences in their second year at Lane Community College before transferring to four-year institutions like the University of Oregon.
This initiative will produce a Learning Community for Computer Science and Computer Engineering Transfer students.
Students in computing transferring to a four-year institution are expected to have an integrated knowledge of programming and discrete mathematics that students in our two-year Programming Degree are not required to have.
This initiative is feasible. Both Computer Information Technology and Mathematics instructors see this as having a great benefit to transferring students. The class sections are already being taught, so no new sections will be required.
This initiative will create a Learning Community for these students on Main Campus.
This will affect 35 to 50 students per year.
By creating a learning community we can create more collaboration between the computer science and discrete mathematics sequences of courses. Students will get more out of the related sequences and be better prepared for their discipline of study at four year institutions and therefore more likely to succeed.

RESOURCES NEEDED: 100 hours of curriculum development. 100 hours @ $25.94 = $2594.

FUNDING SOURCES: Curriculum Development Fund, SLI.

ORG/PROG CODES:

INITIATIVE ARTICULATION WITH COLLEGE'S VISION, MISSON, & GOALS: This initiative directly supports the college's Mission to provide quality lower division college transfer programs. This initiative is an example of the Learning Core Value of working together to create a learning-centered environment. This initiative also supports the Innovation Core Value of the college by creating a new synergism between disciplines that will make our transfer students more successful at four-year institutions. This initiative will better prepare computer science transfer students to think critically and solve problems effectively.